IFLA ASIA-PACIFIC
INTERNATIONAL FEDERATION
OF LANDSCAPE ARCHITECTS

IFLA AAPME AWARDS 2022

INTERNATIONAL FEDERATION OF LANDSCAPE ARCHITECTS

AAPME

Africa Asia Pacific Middle East

AWARDS 2022

Climate Crisis Design

Over years, EDGING cooperates closely with the landscape architecture planning and design team of the School of Design, Shanghai Jiao Tong University to create a unique platform for innovative design, engineering intelligence and talent incubation that integrates "Industry-University-Research-Application. This team has played a leading role in Chinese-style landscape and architectural design(Fig.1), sustainable landscape design and constructionurban renovation(Fig.2), (Fig.3), tourism and leisure space design(Fig.4), park planning and architectural design(Fig.5), etc.

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IFLA APR LANDSCAPE ARCHITECTURE AWARDS

The IFLA Asia-Pacific region Landscape Architecture Awards are coming back in 2023!

Also known as the IFLA ASIA-PAC LA Awards, the programme provides an international platform to showcase and promote the achievements and work of landscapearchitects in the Asia-Pacific region. These prestigious awards aim to create a continuous awareness and recognition of landscape architecture together with like minded partners and professions that have played a key role inshaping our cities and environment towards a better future.

In the 2021 LA Awards, there were:

19 Award Categories

397 Project Submissions

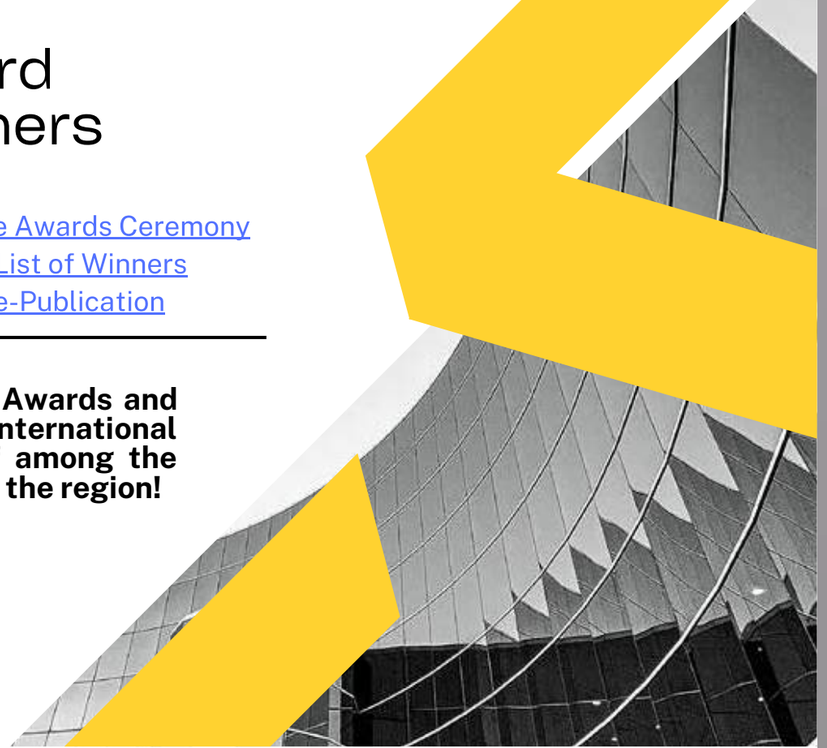
233 Award Winners

2021 LA Awards:

[Watch the Awards Ceremony]
[View the List of Winners]
[View the e-Publication]

Participate in the 2023 LA Awards and gain your company international exposure. Position yourself among the best landscape architects in the region!

Look out for more information in January 2023!



MESSAGES

MESSAGE FROM IFLA PRESIDENT (AFRICA)

GRAHAM YOUNG
IFLA PRESIDENT (AFRICA)

A significant event held in Athens in 1988 attracted 130 landscape architects from 23 different countries in Europe, Asia and Africa. The symposium organised by the Panhellenic Association of Landscape Architects and hosted by George Anagnostopoulos, Vice President of the IFLA Central Region. The symposium was the first time that landscape architects from across the African continent had gathered in one place. These delegates presented papers that argued for an African perspective on landscape design and planning issues. They suggested a need for 'the development of African answers to African problems'. This opinion reflected the desire for a continent-wide organisation to bring African landscape architects together regularly. It took over 20 years for the idea to become a reality. In 2011, the IFLA Africa Region came into being at the 'Landscape Architecture in Africa: Status of education, practice and future challenges' symposium' held in Nairobi, Kenya.

We are proud to acknowledge that IFLA Africa has grown since 2011. A major objective remains to 'establish, develop, and promote the profession' in countries where landscape architecture has taken a foothold but is not yet well established or recognised. Academic institutions presenting landscape architecture-related programmes are the foundation to our profession. These programmes offer the opportunity to create these footholds in countries such as Ethiopia, Tanzania, Egypt, Malawi, Cameroon, Ghana and other West African countries. An academic Knowledge Hub and portal is presently in its developmental stages. Once established it will provide an opportunity to connect academics and students from landscape architecture programmes who can network and showcase knowledge and creativity in Africa. The Hub will also include a Student Portal that focuses on networking and collaborations, including a regular column in the IFLA Africa Newsletter. Here students from around the continent will be able to share ideas, experiences and build knowledge.

IFLA Africa will promote this initiative over the next few years and will continue to inform and connect landscape architects across the continent through:

- The monthly newsletter: https://us3.campaign-archive.com/home/?u=94c99d0cdc65c780471f38eaf&id=878a1597a1),
- The African Landscape Network: https://bit.ly/ALNstorymap
- our journal the African Journal of Landscape Architecture: https://www.ajlajournal.org/.

Graham Young
IFLA PRESIDENT (AFRICA)

MESSAGE FROM IFLA PRESIDENT MIDDLE EAST

ARMIN PARHIZI RAD
HEAD OF COMMITTEE ON PROFESSIONAL PRACTICE AND POLICY
INTERNATIONAL FEDERATION OF LANDSCAPE ARCHITECTS, MIDDLE EAST REGION

> ***Marco warns against trying to decide if Zenobia is a happy or unhappy city, emphasizing that these categories are silly. More useful is dividing cities into those that, through their changes, still create desires, and cities where desires destroy the city or are destroyed by the city.***
>
> -Italo Calvino,
> Invisible Cities

The story of life on Earth is characterised by the endless effort of organisms for adaptation to their environment. In the case of humans, such adaptability is derived from the knowledge and scientific and technological innovations empowering people to avoid extinction and cope with vulnerabilities caused by social, economic, and environmental changes.

In order to meet challenges of our continually changing world, we need to utilise insights recognizing high levels of co-evolutionary complexity, perceiving the world at different spatial and temporal scales and taking into account dynamic interaction of cultural and natural components. Landscape experts seem to benefit from such insight. Increasingly a broad consensus is beginning to emerge that a landscape approach, beyond disciplinary borders and sectoral interests, is capable of providing an integrated framework necessary for understanding coupled human-natural systems and finding solutions that support sustainability.

While experiencing the Anthropocene epoch, let us never forget that the landscape is as ambitious and transformational as it is problem-solving. Landscape architects promote ways of thinking and doing that are of great significance for a sustainable future. They truly deliver hope, a promise of more inclusive and thriving and healthier communities and societies.

On behalf of the IFLA Middle East executive committee, I would like to express my appreciation to all those who were involved in organising and judging the APAME 2022 award. Moreover, I want to extend my sincere gratitude to all participants who shared their knowledge and vision with us. Their brilliant works depict a better world, not in a fictional or theoretical way but in real and practical way, where our shared landscape, through its changes, still creates desires.

Armin Parhizi Rad
Head of Committee on Professional Practice and Policy
International Federation of Landscape Architects, Middle East region

MESSAGE FROM IFLA APR PRESIDENT

MONICA KUO
IFLA APR PRESIDENT

Quest for an Encompassing Yet Distinctive Future for the LA Profession

I have joined IFLA for nearly 30 years since 1994. I have learned from my predecessors and participated in various regional and international conferences, and helped organise the 1994 IFLA-APR Conference and the 2004 IFLA Conference in Taipei. Through these years of participation, we have strengthened ties with friends from different cultures, languages, and geographic climates. In addition to the landscape profession, through exchanges, we also have a deeper understanding regarding aesthetic and ethics.

IFLA-APR has the most diverse ethnic, linguistic, geographic and cultural characteristics in IFLA, such a unique network of people and places is connected by the Pacific Ocean. There are 48 countries in the region, each with unique geographic and cultural characteristics, yet we also share similarities, such as the rice culture, livelihood surrounding the seaside, and landscape that extends from sea level to the world's third-highest peak, Mount Everest, which later spreads across deserts and tropical rainforests to highlands, cold plains, and snowfield. These are the ecological characteristics of the Asia Pacific landscape.

Over the years, under the efforts of our predecessors and members, we have upheld the standards of preservation and revitalisation of cultural landscape as well as the conservation and restoration of natural landscape, and as a multi-disciplinary profession, we have also adhered to our responsibility, and each of us has devoted to a full range of research, study, planning, design, construction, operation, maintenance and restoration. Among all the work, we also know the importance of keeping pace with the times.

In recent years, due to globalisation and in the face of extreme climate change, natural disasters and pandemic, we, as an organization have been involved in cross-country disaster recovery and humanitarian relief. Our standing committees and working groups also put in tremendous effort to take part in the process to respond to the great changes in society and the environment. In particular, through the efforts of the Committee Chairs, we have continued to expand and refine the AAPME Awards to become an important model for the cross-disciplinary landscape profession, and we are also striving to connect more non-member countries and regions to become potential members.

In addition, for the cultivation of young landscape professionals, a wide network of young talents has been established under the continuous guidance of former President Damian Tang. Through competitions, workshops, forums and conferences, young landscape architects can participate in informative and enlightening exchanges.

In the past two years, many physical exchanges have been affected by the pandemic, but all virtual communication has been uninterrupted. In early September, we officially welcomed new ExCo Members to join us, and will continue to reach new milestones in education, professional refinement, and cross-border exchange and cooperation. In response to the goal of net-zero emissions by 2050, each member should adopt new methodology, technologies, governing methods, as well as traditional wisdom to make the landscape profession a beacon of light in the Asia-Pacific region.

Monica Kuo
IFLA APR President

ABOUT IFLA

ABOUT IFLA AFRICA

IFLA AFRICA
INTERNATIONAL FEDERATION OF LANDSCAPE ARCHITECTS

IFLA AFRICA is a body representing landscape architects across Africa. It is one of five regions associated with the International Federation of Landscape Architects (IFLA). The African region came into being at the 'Landscape Architecture in Africa: Status of Education, Practice and Future Challenges' symposium held in Nairobi, Kenya from 5 – 7 October 2011. IFLA AFRICA currently comprises seven Member Associations:

South Africa (ILASA)

Nigeria (SLAN)

Kenya (LAAK)

Malawi (MILA)

Morocco (AAPM)

Tunisia (TALAE)

Botswana (LAAB)

Ethiopia's registration with IFLA is in progress.

IFLA Africa supports individuals across the continent to enable them to submit membership applications to IFLA. Recently individuals from Uganda, Cameroon, Tanzania, and Egypt, have been endorsed by the IFLA World Council as individual members in our region.

The IFLA Africa Constitution and By-Laws were ratified by its Regional Council in Tunis, Tunisia in 2019. That same year the executive of the IFLA World Council approved the document in Norway.

The African Landscape Convention (ALC) was also completed and ratified in Tunis in 2019 by the Regional Council. The document was drafted as a developmental treaty that accommodates people-driven solutions to pressing regional environmental issues on a local scale including flood risk management, land productive landscapes, food security, and inclusive urbanism.

IFLA Africa supports three key projects recently brought to life.

- The African Landscape Network (ALN), an online map-based interface that features a landscape focused network of individuals and projects that have been developed in accordance with the UNESCO SDGs and The ALC principles. Accessed at: https://bit.ly/ALNstorymap

- The African Journal of Landscape Architecture (AJLA). The journal came about because of a need for an authoritative journal on landscape architecture that can serve the profession as well as the needs of academia. AJLA is the official journal of IFLA Africa and is committed to stimulating content that promotes an extensive understanding of the field of landscape architecture across the African continent. Accessed at: https://www.ajlajournal.org/

- The IFLA Africa Newsletter, which is published online monthly and shares information to landscape architects and allied professionals across Africa.

IFLA Africa is conscious of the vast space to cover; very few landscape architects across the length and breadth of the continent; continuous degradation of productive land resources compounded by unstable governance; and recent erratic climatic phenomena. We situate our action plans on education, to increase the number of landscape architects in the region; increase awareness of the role of landscape architecture in key environmental issues such as climate change, water scarcity and food security; and to develop and promote an African exchange of knowledge, research, skills and experience in all matters related to landscape architecture across all cultures and communities.

A detailed account of 'IFLA Africa: A Historical Perspective' is available at the African Journal of Landscape Architecture (AJLA) website. The link is:
https://www.ajlajournal.org/blog/ifla-africa-a-historical-perspective

ABOUT IFLA APR

IFLA ASIA-PACIFIC
INTERNATIONAL FEDERATION OF LANDSCAPE ARCHITECTS

The Asia Pacific Region (APR) of the International Federation of Landscape Architects (IFLA) comprises 14 nations, representing a diverse array of cultures and a rich tapestry of landscape architectural traditions. The APR works closely with delegates from each of the professional associations of landscape architects in these nations to promote landscape architecture and support the highest standards of education, training, research and professional practice in our region. Our vision is to be the leading regional body promoting the creation of a globally sustainable and resilient living environment for all.

The APR is part of a large network of IFLA members from all regions of the world, connected to over 75 countries and more than 100,000 extended professional members, academics, students, and industry partners. We have developed an education and accreditation framework to improve and monitor the education standards of landscape programmes in our region. We also support high standards of professional practice; advocate for the landscape with allied built-environment professions; and promote the benefits of resilient communities living sustainably in harmony with their local environments.

The APR is organised with an Executive Committee and four Standing Committees:

The purpose of the Professional Practice and Policy (PPP) committee is to plan, co-ordinate, develop or oversee issues related to landscape architecture in the APR, to encourage high standards of professional practice by its members, and to establish policies and guidelines to support those standards.

FUNCTIONS:
- provide appropriate guidance for landscape architects on matters of professional practice, ethics and policy, by developing Professional Practice and Policy guidelines;
- develop and implement a policy on Continuing Professional Development and monitor and evaluate that policy; and
- develop policy (e.g. historic heritage, cultural landscapes) through overseeing and assisting the Working Groups acting with this committee, including some or all of the following:
  - regional cultural heritage
  - landscape architects without borders
  - natural resources and protected landscapes
  - young professional's advocacy
  - regional professional standards

The purpose of the Finance and Business Planning (FBP) committee is to coordinate and monitor the financial management of the APR, including strategic and business planning assessment of new funding sources and other business projects that may grow the APR's overall income.

FUNCTIONS:
- advise national associations on methods to secure their financial future by growing income to be a more effective and representational body;
- improve levels of service to our national organisations through increased representation and strong advocacy of the landscape architectural profession to regional and global representative bodies and governments; and
- continue to review the performance of the 2019 budget, considering expenditure against income.

The purpose of the Education and Academic Affairs (EAA) committee is to advance education in landscape architecture regionally, especially in developing countries.

FUNCTIONS:
- develop, implement and monitor regional education standards and accreditation procedures to enable the professional accreditation of programmes within a regular review cycle;
- promote study, research and exchange of knowledge and information between practitioners and academics in all member nations; and
- support consideration of reciprocity of membership across national associations, influenced by professional standards and shared knowledge.

The purpose of the Communications and External Relations (CER) committee is to plan, co-ordinate and develop IFLA APR's overall communication strategy, including brand identity and image, member communications, relationship development with key regional stakeholder bodies/groups, and general marketing activities needed to promote the organisation and hence the profession of landscape architecture regionally.

FUNCTIONS:
- establish and maintain a newsletter platform to publicise current issues affecting the varied landscapes of the APR
- support a continued understanding of the richness, diversity and sensitivity of the tapestry of landscape architecture traditions in our region;
- advocate for contemporary landscape design throughout the APR by publicising work that acknowledges the extensive history and strong cultural stories, traditions, and vibrant cultural landscapes that shape our nations.

ABOUT IFLA MIDDLE EAST

IFLA MIDDLE EAST
INTERNATIONAL FEDERATION
OF LANDSCAPE ARCHITECTS

As an emerging profession in the Middle East, landscape architects continue to search for ecologically and culturally rooted practices that can inspire and guide development of their profession. In the Middle East, a hotspot of growing socio-economic transition and environmental degradation, landscapes have undergone massive changes resulting from an interplay of both natural and socio-economic driving forces such as climate change, drought, migration, immigration, political struggles, and wars. As a result, the health and resilience of landscapes, and consequently people's livelihood, have been seriously threatened by lots of crises. In the midst of such change, our profession of landscape architecture is called upon to contribute towards safeguarding the viability of the environment and towards developing and maintaining a human-built environment in cities, towns and villages. IFLA ME stands ready to strive towards a positive future! We believe that we must play a crucial role in the future, on a broad basis of aesthetic, social, economic and ecological expertise.

ABOUT IFLA AAPME

INTERNATIONAL FEDERATION OF LANDSCAPE ARCHITECTS

AAPME

Africa Asia Pacific Middle East

AWARDS 2022

CLIMATE CRISIS DESIGN

IFLA AAPME Awards 2022 - "CLIMATE CRISIS DESIGN" is an international design award organised by the International Federation of Landscape Architects (IFLA) Asia Pacific region (APR), in collaboration with IFLA Africa and Middle East regions. This year the award continues to call for climate actions and our response in climate crisis design. This award program directly references the IFLA Climate Action Commitment (see next page), ratified by IFLA APR and many other associations across the regions. It also demonstrates where landscape architects are delivering on our commitment and achieving tangible actions through the program.

This prestigious award aims to recognise and showcase excellent multidisciplinary projects grounded in the environment and social realm, with the intention of strengthening resilience and climate adaptation in our urban, natural and social systems. The 2022 AAPME Award seeks to showcase works of landscape architects in our commitment to design sensitively, demonstrate responsible practices and to pursue collective efforts in order to address complex issues and challenges of our world today and tomorrow.

This award is open to all IFLA regions and practitioners around the world for projects within the Africa, Asia Pacific and Middle East regions.

Overview of BUILT Categories

1. Culture and Traditions
2. Economic Viability
3. Flood and Water Management
4. Food Security and Production Systems
5. Heat Islands and Fire Resistance
6. Natural Disasters and Weather Extremes
7. Energy and Carbon Reduction
8. Social and Community Health
9. Wildlife, Biodiversity, Habitat Enhancement or Creation

Overview of UNBUILT Categories

1. Analysis and Planning

TWO STAGE JUDGING PROCESS

1st Stage Judging - Assess and select the entries that demonstrated rigor in planning, design, best practices and quality for 2nd stage judging among all participating entries. 2nd Stage Judging - Make a deeper evaluation of the shortlisted entries to Outstanding Award, Award of Excellence and Honourable Mention award categories.

JUDGING CRITERIA

CRITERIA FOR ALL BUILT CATEGORIES: The jury will consider the quality of design and execution; design context of respective categories; environmental sensitivity and sustainability; practical solutions and design value to the client, other designers and the communities concerned.

CRITERIA FOR UNBUILT CATEGORIES: The jury will consider the quality of the analysis and planning effort; context of resilience; environmental sensitivity and sustainability; likelihood of successful implementation; and value to the client, the public, and other designers.

LEVEL OF AWARDS

Outstanding Award - Above 91
Outstanding Award is the highest award honoured for IFLA AAPME Awards 2022 where the project exceeds all areas of expectation in terms of quality, standards and thought leadership of design and practice, making it an exemplary project and benchmark for others.
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Award of Excellence – 81 - 90
Award of Excellence is the prestigious recognition for excellence in overall planning, design quality and practice, strongly demonstrated in the process and execution of the works under its category.

Honourable Mention – 71 - 80
Honourable Mention is a deserving honour and recognition for the good quality and high standards shown in the landscape architecture project for its planning, design and practice under its category.

HONORARY JURY PANEL

Amal Zanoun

President - Jordan Association for Landscape Architects JALA

A multi-disciplined architect experienced in architectural and urban landscape design, with specialised experience and passion in community planning and strategy development, urban landscape design and sustainable development.

Recent projects included managing and planning community socioeconomic development projects linking environment to development within sensitive environmental, cultural and historical areas in Jordan.

Armin P. Rad

Vice President - Iranian Society of Landscape Professionals
Chair - PPP Committee, IFLA Middle East

Armin is the vice president of the Iranian Society of Landscape Professionals-ISLAP, and the head of the Committee on Professional Practice and Policy at the IFLA Middle East region. In 2016, he was elected as a Board of Directors member at ISLAP where he is serving as the Executive Director and IFLA delegate. He is an environmental designer and received his M.S. degree from the University of Tehran in 2010. He is a freelance consultant based in Karaj, Iran, and the owner of Bagh-e-Honar construction projects. As a senior registered member of the Iranian Construction Engineering Organization, Armin has more than 17 years of experience in supervising and managing a wide variety of development projects. He is the founder of TREE of LIFE Landscape Series that promotes insights necessary to create sustainable landscapes. His main professional interests lie in the field of integrated landscape planning and design with a focus on productive landscapes, and dynamic conservation of agricultural heritage landscapes. In 2021, he co-founded the Oasis Agriculture and Landscape (OLA) Initiative at the IFLA Agriculture and Landscape Working Group.

Chris Tidswell

Principal - IFLA APR Honorary Secretary

It is a privilege to be a judge for the AAPME Awards 2022. I am a currently the International Federation of Landscape Architects (IFLA) APR Honorary Secretary and AILA Delegate to IFLA.

Previously I served as an Australian Institute of Landscape Architects (AILA) National Board Director and the National Company Secretary from 2018-2021. In addition, I have been on the AILA National Advocacy Committee 2017-2021, AILA National Practice Committee 2018-2021 and AILA National Gender Equity Committee 2018-2021. I have been honoured being mentored by the most influential in the industry - AILA fellows, past and present national and state presidents.

In private practice I am a partner and principal of Arcadia Landscape Architecture. I have multi-disciplinary professional experience with Landscape/Architectural Masters accompanied with Project Management qualifications. With experience in working in large multidisciplinary international companies and smaller sized practices, which has balanced my private practice leadership approach.

Landscape Architects are so incredibly important to the Natural and Built Environment, with IFLA's very own Kotchakorn Voraakhom featuring in a video during David Attenborough's opening address to COP26. Kotchakorn Voraakhom said "Can we fix the climate problem in one generation? My answer would be yes. We have to!" A very powerful statement and with the AAPME Awards 2022 theme of 'Climate Crisis Design' – we have to make a difference as landscape architects globally!

Judging awards is so challenging as the standard of work is incredible. It is so important for the profession to award and celebrate great projects. When assessing the projects, independent critique and protocols and landscape assessment is crucial. Design is a collective game that is enriched by collaboration and a genuine desire to progress the profession, being current with critique is essential. When critiquing, I acknowledge positive and constructive critique, ensuring I am specific with my feedback and focusing on the project and results.

Damian Tang

Chair of Finance & Business Planning Standing Committee IFLA APR

Mr Damian Tang is the past Asia-Pacific region (APR) President of International Federation of Landscape Architects (IFLA). He is currently the Chair of Finance and Business Planning Standing Committee in IFLA APR and Chair of IFLA Student Competition Working Group.

Damian currently serves in National Parks Board Singapore as the Senior Design Director overseeing the design of parks and public green spaces; leading greenery initiatives and biophilia strategies across Singapore. Damian works with different public agencies and organisations in inter-agency master planning and advises on township greenery planning and design, including design advisory for climate, coastal and ecological resilience for the city. He has more than 20 years of working experience in the field of architecture, landscape architecture and interdisciplinary practices.

Damian is recognised as an award-winning landscape architect with several awards in Singapore Landscape Architecture Awards, America Society of Landscape Architecture (ASLA) Awards, IFLA Asia Pac LA awards, including being a multiple Gold and Best of Show award recipient for Singapore Garden Festival for three editions. He received three Minister's (Team) Awards in 2006, 2012 and 2020. In 2021, Damian was conferred The President's Award by former IFLA APR president Mr Takano Fumiaki, the highest honour for outstanding leadership in service of IFLA Asia Pacific region. In 2020, he was further conferred The Public Administration Medal (Silver) by the President, Republic of Singapore at the investiture of the National Day Awards in recognition for his outstanding public service and greening contributions.

Dayananda Hettiarachchi

Hon. Vice President of the OPA
SLILA Representative of the Planning Committee of the Urban Development Authority of Sri Lanka
External Examiner of the Landscape Architecture Course in the University of Moratuwa
Fellow Member of the Sri Lanka Institute of Landscape Architects

Dayananda Hettiarachchi a former member of the Climate Change Committee of IFLA Asia Pacific Region and past President of the Sri Lanka Institute of Landscape Architects (2017-2019). When I was the President of the Sri Lanka Institute of Landscape Architects (SLILA) the institute initiated the Charted Landscape Course. It is still conducted by the Sri Lanka Institute of Landscape Architects. I was one of the visiting members of the examiners of the second and third year Landscape Architect exam of the University of Moratuwa. Presently I am a member of the working committee in SLILA and Vice President of the Organization of Professional Association (OPA) of Sri Lanka. Further, I would like to mention that I am one of the Pioneer Members of SLILA still active in all activities of the Institute.

Dr. Sridevi Rao

Hon.President (2021-2023), Indian Society of Landscape Architects

Dr. Sridevi Rao received her Ph.D. degree from the School of Planning and Architecture, New Delhi. She has been practicing as a landscape architect and teaching students of architecture since 1981. Her book entitled 'A Measure of Community: Public Open Space and Sustainable Development Goal 11.7' was published in 2016 by Notion Press, Chennai. She received the first prize for an International competition and her project was a part of the 'Outstanding Category' in the Rolex Awards for Enterprise. She has also won State awards. She continues to present and publish her work in various forums which primarily deals with communities, public housing and public open space.

Gareth Doherty

Director of the Secretariat for the IFLA Sir Geoffrey Jellicoe Award in Landscape Architecture Associate Professor and MLA Program Director, Harvard University Graduate School of Design, USA

Gareth Doherty's research and teaching explore and unravel narratives and practices of landscape architecture that have not yet been formally documented. This work is essential to establish the precedents required to diversify the design disciplines and expand upon the limited and limiting traditional design canons. Doherty values the everyday and the experiential aspects of landscapes, be they professionally designed or not. Through a grounded research method Doherty calls "landscape fieldwork," he employs human and environmental audiences as essential components of design and research in complex landscapes. Doherty's recent research projects centre on landscape-related practices at various sites in the postcolonial and Islamic worlds, specifically the Arabian Peninsula, West Africa, and Latin America and the Caribbean.

Doherty's book, Paradoxes of Green: Landscapes of a City-State (University of California Press, 2017), uses a study of the Bahraini city-state to interrogate an oft-used, but under-thought category for thinking landscape—green. He spent a year walking through Bahrain, learning the local language, talking with people, and recording his encounters with the colour "green", so called "green-space", and examples of 'greening' as part of an environmental movement. Doherty's edited books include Roberto Burle Marx Lectures: Landscape as Art and Urbanism (Lars Müller publishers, 2018, 2020), a collection of Burle Marx's lectures which Doherty prepared for publication. Is Landscape...? Essays on the Identity of Landscape, edited with Charles Waldheim, (Routledge, 2015), was translated into Chinese (China Architecture and Building Press, 2019). Doherty was a founding editor of the New Geographies journal and editor-in-chief of New Geographies 3: Urbanisms of Color (2011). Doherty edited Ecological Urbanism with Mohsen Mostafavi (Lars Müller Publishers, 2010, revised 2016), and his writings have been published in journals such as Topos, Kerb, Built Environment, Harvard Design Magazine, and Studies in Garden History and Designed Landscapes.

Graham Young

President of the International Federation of Landscape Architects (IFLA) Africa

Graham Young is a registered landscape architect interested in landscape architecture, urban design, and environmental planning. He holds degrees in landscape architecture from the Universities of Toronto (BL) and Pretoria (ML). He has practised in Canada and Africa, where he has spent most of his working life. During his 40-year-plus career, Graham has received many Institute of Landscape Architects of South Africa (ILASA) and other local and international design awards. These include the ILASA Presidential Award for the Riverside Government Office Complex and Isivivane, Freedom Park. He has written widely on landscape architectural issues and published locally and internationally in design journals and books.

Graham recently retired from an academic career, teaching landscape architecture and urban design at the post and undergraduate levels at the University of Pretoria for over 30 years. He has been a visiting studio critic/examiner at the Universities of the Witwatersrand, Cape Town and the Jomo Kenyatta University of Agriculture and Technology, Kenya. In 2011 he visited the University of Rhode Island, USA, as its Distinguished International Scholar. He is the President of the International Federation of Landscape Architects (IFLA) Africa, was recently inducted as a Fellow of ILASA and is the director of the firm Graham Young Landscape Architect. He is also the managing editor of the African Journal of Landscape Architecture (AJLA).

Hyeyoung Choi

Associate Professor - Sungkyunkwan University, Korea

Hyeyoung Choi is a member of the organisation committee for the 58th IFLA World Congress in Gwangju, Korea. She was in charge of emerging projects in various cultures worldwide at AECOM (formerly EDAW) New York and West8 New York office. In 2012, she led the team to win the international competition for the Yongsan Park Project, which is being built as Korea's first national urban park. Since then, she has been involved in numerous projects related to Yongsan Park, including establishing general park planning guidelines, setting up the park master plan, and developing the schematic design. Based on her experience in the design process, she has conducted various research related to Yongsan Park, with topics of park accessibility, public engagement, and park archives. Hyeyoung Choi received her master's degree in landscape architecture from the University of Pennsylvania (U.S.) and a doctorate from Seoul National University. She is a board member of the Korean Institute of Landscape Architecture and a member of the Seoul Public Art Committee. She has written several books with co-authors, including Criticism of the Submissions from the International Competition for Yongsan Park Master Plan (2013), The Space Doctor Project vol.1 (2020), and Understanding Urban Design: A Practice (2020).

Iris Hoi

President - Hong Kong Institute of Landscape Architects

Iris Hoi is a registered landscape architect in Hong Kong and a Fellow of the Hong Kong Institute of Landscape Architects (HKILA). She has over 30 years of consultancy experience in Canada, Hong Kong, China, and surrounding regions. She is a Director at URBIS Limited and has been with the company since 1992. She was the President of the HKILA from 2018 to 2022 and has been actively involved in the Institute since 1991, chairing a variety of committees including education, practice, public affairs, functions and events, professional practice examination, and accreditation review. Iris served as a member of the Land Supply Task Force for the Hong Kong SAR Government, Board of Education and Research of the Professional Green Building Council, Hong Kong Trade Development Council, the Harbourfront Commission, and a number of other organisations. Iris is passionate about building quality landscape spaces for people's enjoyment. A number of her projects have won awards.

Iris is also a member of the Hong Kong Institute of Urban Design.

Iris' range of skills include landscape architecture and landscape master planning. She has extensive experience in award-winning large-scale parks and public spaces, commercial, residential, hotel, transport corridors, institutional and infrastructure-related landscape developments. Her involvement ranges from working in multi-disciplinary consultancy teams to producing landscape master plan studies, feasibility/assessment reports, detail design, and construction documents, to contract administration and tender assessment, and site supervision of landscape works implementation.

Katerina Gkoltsiou

IFLA Europe President, (2021-2023)

Katerina Gkoltsiou is the IFLA Europe President, (2021-2023), former IFLA Europe Vice President of Professional Practice (2019-2021), Delegate of PHALA-Greece in IFLA Europe (2016-2019), as well as past president of the Panhellenic Association of Landscape Architects (PHALA) for six years (2016-2021). She holds a Ph.D. in Geography from the University of Aegean in Greece, a Master in Landscape Architecture from the University of Edinburgh, U.K., and a diploma in Agriculture from the Agricultural University of Athens, Greece.

She has her own practice in landscape architecture, in Athens-Greece (www.katerinagoltsiou.gr) since 1997, and she specialises in a wide range of services in design, construction, and research sector of landscape architecture. She is newly-elected Assistant Professor at the Department of Landscape Architecture, Faculty of Crop Science of the Agricultural University of Athens (AUA). She is also the co-author of books for high schools and universities, she wrote articles in many scientific journals and technical reports. Since 2002, she has been participating as project manager and scientific adviser in EU research programs.

Katharina Nieberler-Walker

DipIng (FH) AILA Fellow RLA MPIA

Echoing the wisdom and wonders of the natural world I create purposefully-designed outdoor places to support healthy people and a sustainable environment.

My signature projects include the 'Healing Gardens' of the Queensland Children's Hospital in Brisbane; the 'Therapeutic Landscapes' at Meir Medical Center, one of Israel's largest hospitals; and the 'Nature that Nurtures' vision for Victoria Park, Brisbane's grandest park redevelopment for 50 years.

As a Director of the Australian Institute of Landscape Architects I lead an agile profession that creates nature-based places to support vibrant communities and a thriving planet.

My research now serves to consolidate my practical expertise and interrogates the role of purposefully-designed therapeutic landscapes in hospitals for the health benefits of patients, their families and staff.

Kiyohito Tamotsu (Kiyo)

Chair, Landscape Architects Without Border IFLA Asia Pacific Region
Director, LOSFEE Co., Ltd.
Lecturer, Kogakuin University in Japan
Executive Director of Japan Landscape Architects Union (JLAU)

Kiyo has been a chair of LAWB in IFLA APR for two years and his outreach activity TOMODACHI project has been in operation for more than four year with former IFLA APR presidents, Takano, Miki and Chiyo to share the wisdom of landscape architecture with non-member countries. Kiyo is an awarded landscape architect for IFLA APR and other international design prizes scoped to landscape architecture, architecture, and product designs. He became the Japan representative designer for Doha Horticultural Expo 2023 in Qatar. He has taught Nature Based Designs at undergraduate, high school and junior high school in Science, Technology, Engineering, Art, and Mathematics for years. There are no generational or national boundaries in his activities, and it is his lifework to convey the utility and value of the landscape.

Kuang-Yu Wang

Honorary President of Taiwan Institute of Landscape Architects (TILA), Honorary Treasurer of IFLA APR and associate professor and director of the Department of Landscape Architecture, Chung Yuan Christian University, Taipei City

Dr Wang, Kuang-Yu is the Honorary President of Taiwan Institute of Landscape Architects (TILA), Honorary Treasurer of IFLA APR and associate professor and director of the Department of Landscape Architecture, Chung Yuan Christian University, Taiwan.

After receiving a bachelor degree in Economics in Taiwan, Dr. Wang went to the US and received a bachelor (BLA) and a master degree (MLA) from the landscape architecture department of the University of Oregon. Returning to Taipei, he worked for more than 15 years in landscape architecture professional practice and teaching part-time in universities. After he received a PhD degree in Geography from the National Taiwan University, Dr. Wang turned to full-time teaching in the landscape architecture department of Chung Yuan Christian University while maintaining close professional contacts.

Dr. Wang has been active as:

- Chief Landscape Adviser, Committee member of Urban Planning Commission, Committee member of Urban Design Commission for various counties and cities
- Reviewer and juror in various landscape projects and awards

His interests include landscape architecture history, landscape studies, landscape design and planning theory, and recently focused on "food and art" as tools and approaches for the management of the sustainability, identity and locality embedded in rural landscapes.

Kyung Jin Zoh

President of KILA (Korean Institute of Landscape Architecture)
Chairperson of organizing committee for 2022 IFLA (International Federation of Landscape Architecture) World Congress, Gwangju

Kyung Jin Zoh was born in Seoul. He studied landscape architecture at Seoul National University and completed a Ph.D. in City and Regional Planning at the University of Pennsylvania. He is Dean of Graduate School of Environment Studies, Seoul National University. He served as both a chief advisor of park and greenscape in Seoul Metropolitan and a master planner of Seoul Botanic Park. Recently, his artistic research themes such as landscape representation, place memory, observatory have been related to DMZ border areas. Recently, he is leading Garden City Forum which promotes garden culture and in Korean cities. Now, he serves both as president of KILA (Korean Institute of Landscape Architecture) and as chairperson of the organizing committee for 2022 IFLA (International Federation of Landscape Architecture) World Congress, Gwangju.

Menno Klapwijk

Fellow member of the Institute of Landscape Architects of South Africa
Professional landscape architect registered with the South African Council for Landscape Architectural Practitioners (SACLAP)

Menno is a founding and principal member of Bapela Cave Klapwijk, landscape architects and environmental planners based in Pretoria, established in 1989. He previously served on the City of Tshwane's aesthetics committee representing the landscape architecture industry. He has served as a committee member of the Institute of Landscape Architects of South Africa (ILASA) as well as serving on the Board of Control for Landscape Architects (BOCLASA) and the South African Council for Landscape Architectural Professionals (SACLAP). He is a member of the International Association of Impact Assessors (SA). He is a former council member of the Council for the Built Environment (CBE) where he was chairperson of the Education and Research Committee. He was an external examiner for the Department of Landscape Architecture at the University of Pretoria from 1986 to 2016. He has more than 100 publications and reports dealing mostly with environmental planning, environmental rehabilitations and control specification, environmental impact assessment and visual impact assessment. He specialises in visual impact assessment. He had assisted in the drafting of 'A Guideline for Involving Visual and Aesthetic Specialists in EIA Processes' and has been a peer reviewer of several VIA reports.

Monica Kuo

Monica Kuo is the Dean of the Department of Landscape Architecture and Environmental Planning at Chinese Culture University, Taipei City. Also, Monica Kuo is the chairman of International Federation of Landscape Architects - Asia Pacific Region (IFLA-APR)

She is a committee of Council of Agriculture, Executive Yuan, committee of the Cultural Investigation Central Committee of the Ministry of Culture, committee of the Cultural Assets Review Committee of the Ministry of Culture, committee of public art deliberation of the Ministry of Transportation and Communications and municipal consultant of the Taipei City Government. Professor Kuo has served as the Chairman of Taiwan Institute of Landscape Architects, the Executive Director of the National Park Association in Taiwan, and as a multi-spectral action planner such as "life aesthetics", "beauty promotion", "cultural asset layer", and "cultural city preservation" education and supervision. In 2018, she took the Program Director of "The color coating project of the nostalgic pier of Zhengbin Fishing Port" of the Keelung City Government, awarded the International Institute of Architects (IFLA) 2002 Grand Landscape "Seaside Landscape Construction Excellence Award", and was awarded the National Outstanding Construction Award for "Land Area" in 2002. Construction Special Contribution Award in 2022, as well as the Architectural Institute of Taiwan Lifetime Achievement Award and the Taiwan Architectural Society Lifetime Achievement Award.

Prof. Dr. Thomas Schroepfer

Professor and Founding Associate Head of Pillar of Architecture and Sustainable Design at the Singapore University of Technology and Design

Thomas Schroepfer is Full Professor and Founding Associate Head of Pillar of Architecture and Sustainable Design at the Singapore University of Technology and Design. He obtained his doctoral degree and master's degree with distinction from Harvard University, where he was appointed Assistant Professor of Architecture in 2004 and Associate Professor of Architecture in 2008. He held visiting professorships at the Massachusetts Institute of Technology, the Swiss Federal Institute of Technology Lausanne and the National University of Singapore. Since this year, he is the Co-Director of the Singapore-ETH Centre Future Cities Laboratory Global and served as a member of its Steering Committee from 2015-2020. His work investigates the increasingly complex relationship between design and technology in architecture with a focus on environmental sustainability, structure and form, performance and energy, and building processes. He has published extensively on his work, which has been exhibited at important international venues including the Venice Architecture Biennale and the World Architecture Festival. His books have been translated into several languages and include Dense+Green Cities: Architecture as Urban Ecosystem (2020), Dense+Green: Innovative Building Types for Sustainable Urban Architecture (2016), Ecological Urban Architecture (2012) and Material Design: Informing Architecture by Materiality (2011). Since 2014, he is the Series Editor of SpringerBriefs in Architectural Design and Technology, published by Springer Nature. He is the recipient of prestigious awards and recognitions including the President's Design Award, Singapore's highest honour accorded to designers and designs across all disciplines, the German Design Award, and the Asia Education Leadership Award.

Prof. Li Xiong

Vice President,
Chinese Society of Landscape Architecture (CHSLA)

Professor Li Xiong is a leading landscape architectural scholar, educator, and designer in contemporary China. Focusing on integrating research and practice, he establishes a comprehensive theory concerning urban green space planning, rural landscape planning, and landscape design. Through teaching and practice, Professor Li has made an irreplaceable contribution to Chinese landscape architecture, significantly increasing its visibility to the public.

Professor Li has been dedicated to landscape architectural education at Beijing Forestry University (BFU) for 32 years during which period he served first as the Dean of the School of Landscape Architecture and recently as the Vice President. Under his leadership, BFU's landscape architecture has greatly increased its national and international influences. In the China University Subject Rankings, it ranked No. 1 in 2012 and A+ in 2017. In a peer review of 2018, an external committee of nine prominent scholars from outside China concluded that BFU's landscape architecture "occupies a strong leadership position in China." Professor Li was instrumental in establishing China's first ministerial laboratory of landscape architecture as well as the Institute of Ecological Human Habitat for Beautiful China at BFU. He has supervised approximately 3,000 undergraduate students, 250 masters students, and 50 doctoral students who together won 27 awards in various national and international landscape design competitions. He won over 13 competitive grants from Key Research and Development of China, the National Natural Science Foundation of China, the 12th and 11th National Five-Year Plan, the Beijing Municipal Commission of Science and Technology, and others. His team designed more than 160 urban parks, botanical gardens, and garden expo parks that won 27 international professional awards and 36 national awards. Professor Li also demonstrates great leadership in his service beyond campus as a member of the landscaping Committee and the Urban Design Committee of the Science and Technology Committee of the Ministry of housing and urban rural development, convener of the landscape architecture discipline evaluation group of the academic degree committee of the State Council, vice president of the Chinese society of landscape architecture, and vice president of the Chinese Park Association. As the chairman of Education Working Committee of the Chinese society of landscape architecture, he is supervising landscape architecture programs throughout the country and promoting the standardization of their teaching methods and course curriculums. Due to his and other experts' collaborative efforts, landscape architecture became a first-level discipline in China. As a member of the landscape architecture expert committee for the Ministry of Housing and Urban-Rural Development of China, Professor Li promotes sustainable urban development in China by developing criteria for the designation of National Garden City.

Ricardo Riveros

President of IFLA AR (Americas Region)

Ricardo Riveros Celis studied landscape architecture at INACAP Chile. Later he graduated as a Master in Urban Planning at the University of Chile. He is currently enrolled in the Doctorate in Architecture and Urbanism of the La Plata National University, Argentina.

Immediate Past-president of the Chilean Institute of Landscape Architects ICHAP, member of IFLA, Executive Secretary of the Forums of the Latin American Landscape Initiative LALI and Director of the NGO Patrimonio y Paisaje (Heritage and Landscape) in Chile.

Professor for 15 years in schools of landscape architecture in Chile, currently at the School of Landscape Architecture of the Central University of Chile. Associate professor of the Research Core: Urban Biodiversity. Central University of Chile.

Researcher, juror and international keynote speaker in Landscape, professor of international workshops on Landscape, public space and community participation. Collaborator in the platform Ladera Sur (www.laderasur.com).

Ronnie Tan

Director of Landscape at WATG

Ronnie Tan is an accredited landscape architect and is the Immediate Past President of the Singapore Institute of Landscape Architects (SILA) and Director of Landscape at WATG, one of the world's leading multidisciplinary design firms specializing in hospitality, leisure, urban and resorts destinations.

Prior to joining WATG, Ronnie taught at the School of Design, Temasek Polytechnic, Singapore, where he led transdisciplinary studios in architecture, landscape architecture and urban design, with a focus on sustainability and biodiversity enhancement design within the highly urbanized city context.

Ronnie holds a MArch Urban Design (UD) with Merit from The Bartlett School of Architecture, University College London (UCL) and a Bachelor of Landscape Architecture Degree (Hons) from Lincoln University, New Zealand. He has particular research and interests in autonomous urbanism, parametric design application for landscape architecture and sustainable urban development.

Stuart Glen

Founding Director at GREENinc (landscape architecture practice in South Africa)
Past President of the Institute for Landscape Architecture in South Africa (ILASA)

Stuart co-founded landscape and urbanism practice GREENinc in Johannesburg in 1995. He has acted as principal landscape architect on numerous projects of varying types and scales. Some of these include the Northern Cape Legislature, campus upgrades at the University of Johannesburg, the Gordon Institute of Business Science campus, a lecture hall complex at the University of Pretoria and hospital grounds across South Africa. He enjoys spending time in the astonishing natural landscapes of South Africa and is a passionate advocate of the use of local plants in his work. Stuart has worked to raise the profile of the profession of landscape architecture through his involvement with the Institute for Landscape Architecture in South Africa (ILASA). He is a past president of ILASA and during his tenure as president he championed ILASA's bid to host the 2012 International Federation of Landscape Architects (IFLA) World Congress and undertook a roadshow to most of the regional offices of the South African National Department of Public Works to increase awareness of the profession of landscape architecture and the contribution it can make to public space amongst Public Works officials. Stuart was an invited expert speaker at 2020 IFLA World Congress, streamed live from Georgetown, Penang, Malaysia last year. He has acted as an external examiner for Masters degree landscape architecture students at the Universities of Pretoria and Cape Town. He is currently based in Durban, South Africa.

Sunday Abuje

Jomo Kenyatta University of Agriculture and Technology (JKUAT) and Landscape Architects Chapter of the Architectural Association of Kenya (LAAK)
IFLA Africa Representative to the IFLA Climate Change Working Group

Dr. Abuje holds a Bachelors in Landscape Architecture (Hons) from the Jomo Kenyatta University of Agriculture and Technology [JKUAT (2007)], a masters degree in Environmental Planning and Management from Kenyatta University (2013), and a Doctorate in Urban Planning & Development, with a focus on Climate Change Management, from Jomo Kenyatta University of Agriculture and Technology (2021).

He is a practicing landscape architect and a member of the Architectural Association of Kenya's (AAK) Landscape Architects' Chapter. He is also a registered Environmental Impact Assessment Associate Expert with National Environmental Management Authority and Environmental Institute of Kenya. He has over 14 years of professional experience in the fields of Landscape Architecture, Environmental Management, Urban Planning, Urban Design and Climate Change Management with projects panning the East Africa region. Abuje is also a lecturer at the Department of Landscape Architecture in JKUAT where he lectures on ecology, climate change and landscape engineering. He has also been a part-time lecturer at Technical University of Kenya and continues to lecture part time at Kenyatta University .

Abuje is the current Africa Representative to the International Federation of Landscape Architects Climate Change Working Group (IFLA-CCWG). He has participated in various taskforces and advisory committees including the AAK Flood Resilient Settlements Taskforce Member, UN-Habitat Kenya Municipal Planning Programme and the Nairobi River Regeneration Initiative.

His research interests include environmental conservation and climate change management and design theory.

Takanori Fukuoka

Associate Professor at Tokyo University of Agriculture

Tak Fukuoka is an associate professor at Tokyo University of Agriculture, Dept. of Landscape Architecture. He is a registered landscape architect, and principal for Fd Landscape (https://www.fd-landscape.net) where he overseas Public Open Spaces and Urban Landscape Design. Major projects include Minamimachida Grandberry Park, Courtyard HIROO and Aobayama Park in City of Sendai. Prior to his current position, he worked for Hargreaves Associates in San Francisco, GGN (Gustafson Guthrie Nichol) in Seattle, and Ramboll Studio Dreiseitl in Germany, and worked on numerous international projects in North America, Middle East, and Asia Pacific. His publications include 'Creating Livable Cities', 'Green Infrastructure' and 'Landscape Architect working overseas'.

Yi-Chia Wang (Sophia)

Delegate from Chinese Taiwan Landscape Architects Society (CTLAS)
Member of IFLA Asia Pacific Region
Adjunct Professor, Chinese Culture University in Taipei City
Taiwan Institute of Landscape Architects

Sophia is the delegate from Taipei City. She is a member of Chinese Taiwan Institute of Landscape Architects and IFLA APR.

She is an Adjunct Professor at The Chinese Culture University in Taipei City. She has been teaching the undergraduate programs for more than nine years. Professionally, she has worked at AECOM for a decade. Past affiliations also include COSMOS Inc, and project designer for Urban Renewal Authority for Hong Kong as well as Chief of YIO organic farm on Lantau Island.

Youngmin Kim

Executive Director of International Affairs, KILA (Korean Institute of Landscape Architecture)
Professor, University of Seoul, the department of landscape architecture
Design Director, VIRON

Youngmin is a professor at the University of Seoul, the department of landscape architecture, and the design director at VRION, a landscape architecture firm in Korea. Currently, he is serving as the international affairs executive director of the Korean Institute of Landscape Architecture (KILA) preparing the IFLA World Congress 20222 in Gwangju, Korea. He studied architecture and landscape architecture at Seoul National University and received MLA at the Graduate School of Design, Harvard University. Prior to teaching at the University of Seoul, he practiced in SWA Group, a US-based landscape architecture and planning firm, and also taught at the University of Southern California as a lecturer. Youngmin has been searching for a new interdisciplinary foundation that can link contemporary practice and theory in architecture, landscape, and urbanism. He is also an author, editor, and translator of various books on landscape design and urbanism. He designed major urban design and landscape projects in Korea, including Gwanghwamun Square Renovation and Administrative City Central Plaza. Youngmin is interested in searching for more integrated planning and design methods that can bridge practice and research through the framework and theory of Geodesign. His recent research focuses are on Geodesign application, park and green space planning for the new town, and urban landscape theory.

Zheng Xi

Professor and Dean of the School of Landscape Architecture, Beijing Forestry University, and Editor-in-chief, Landscape Architecture, China

ZHENG Xi is a professor and Dean of the School of Landscape Architecture, Beijing Forestry University, and Editor-in-chief, Landscape Architecture, China.

He holds a PhD degree in Urban Planning and Design (landscape architecture division) from BFU, China and he studied as a visiting scholar at GSD, Harvard University, USA (2014).

Since 2006 he has been teaching at the School of Landscape Architecture, Beijing Forestry University. He is currently the dean of the School of Landscape Architecture, the coordinator of the Undergraduate Landscape Architecture Program (BLA Program), and the coordinator of the summer international curriculum project. At the same time, he serves as the editor-in-chief of Landscape Architecture Journal, China, which is the core journal of the Chinese landscape architecture discipline, the deputy chairman of the Design Planning Branch of the Chinese Society of Landscape Architecture.

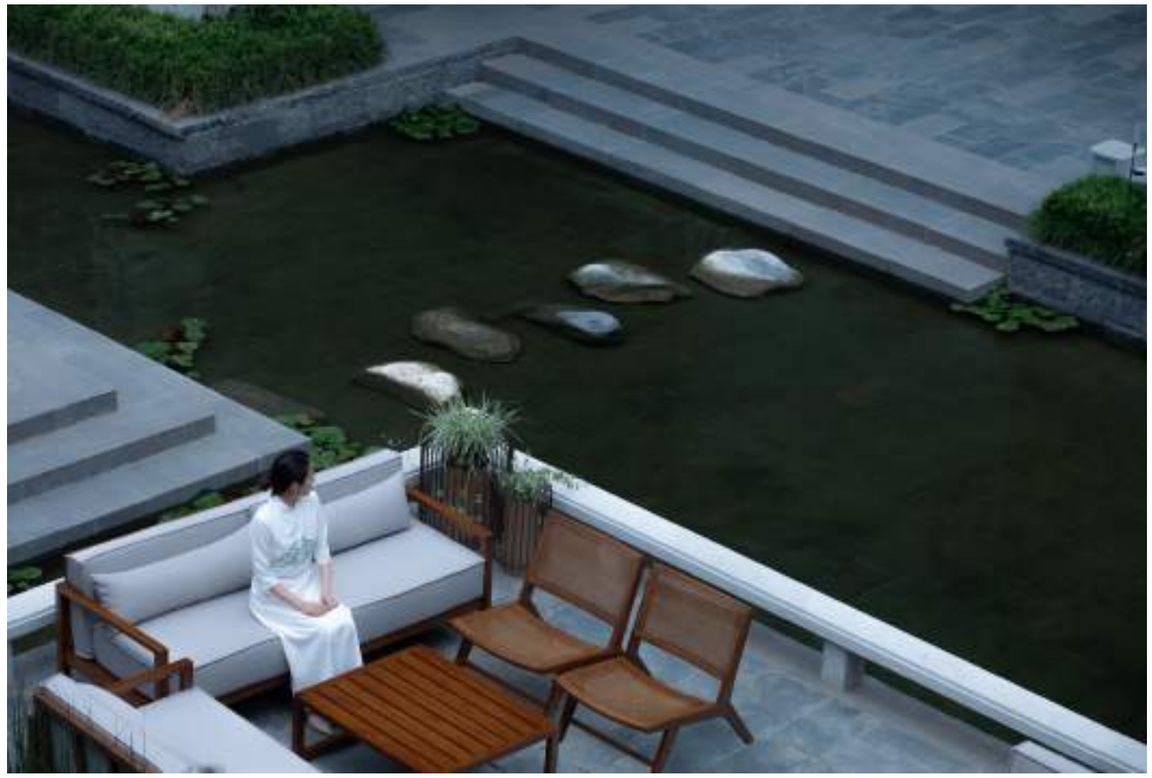
His research mainly focuses on territorial spatial planning, ecological adaptability, landscape performance, and digital landscape. His works include the book of Mountain-Water Urbanism City Based on the Regional Landscape System. He has published more than 50 academic papers in multiple core journals. He hosts more than ten scientific research projects and has completed more than 40 planning and design projects. He has won multiple design awards, such as IFLA AAPME, IFLA APR, ASLA awards, was a finalist for the LI Landscape Innovation Award and received the first prize of the CHSLA Research Award.

CULTURE AND TRADITIONS

Outstanding Award

GLOBAL SUNAC · JIANGDROOL TOWN

Meishan Area: 20,134 sqm



Jiangkou is located on the peninsula where Nanhe and Fuhe converge in Pengshan District, Meishan City. The two rivers play a vital role in this project. The site is adjacent to the Pengzu Mountain in the east and visually connects to Pengshan City in the south, possessing the unique landscape pattern of Zuoshui-Guanshan- Wangcheng. It is affected by the cultural influences of the first town along the Minjiang River, which gradually became the bridgehead of Chengdu and Meishan.

As a comprehensive cultural tourism and resort project created by Global Sunac, we hope to continue to cultivate the spiritual resonance between people and the city. Therefore, before participating in landscape design, we start from studying the cultural heritage of Jiangkou in the past. Jiangkou was once the water transport gateway for commerce and trade in the Western Sichuan Plain, here we can hear people's shouts in the Wuyang teahouses, we can see hundreds of boats passing the riversides and thousands of bright lights on the illuminated dock shining in the night sky. It's a place with deep cultural heritage.

LANDSCAPE ARCHITECT FIRM:
LEDA LANDSCAPE Design Co., Ltd

COMPANY ORGANISATION:
LEDA LANDSCAPE Design Co., Ltd

Outstanding Award

A HISTORICAL HARBOR GEOPARK RENEWAL HEPING ISLAND

Keelung City Area: 11,000 sqm

Human activities have not only changed the natural landscape, but also created the human landscape, all of which are written into history at the same time. During the development of human civilization, the natural environment is often regarded as a free gift from God and is destroyed arbitrarily. However, people gradually realized the importance and the restoration of damaged lands, but at a very considerable cost. This place that has been abandoned for nearly a decade, and we want to know her story. When we keep digging down, besides concrete, we find layer after layer of stories. On the Island, prehistoric peoples, Pingpu aborigines, Chinese fishermen, Spaniards, Dutch, Japanese, etc., have left a variety of historical and cultural overlaps and stories. Unfortunately, we cannot restore the geological landscape that nature has formed over millions of years, but we are very happy that this land has finally protected the natural coastline in the form of a Geopark. It is also a new open space where you can get close to the ocean. In this park, the cultural layer will be continued with laughter and memories, joy and happiness.

Taipei City

Keelung City

Heping Island

Shoreline Evolution of Keelunng Port

1858 1858-1921 1921-1945 1945-2018

CLIENT:
NorthGuan-NSA, Tourism Bureau, MOTC

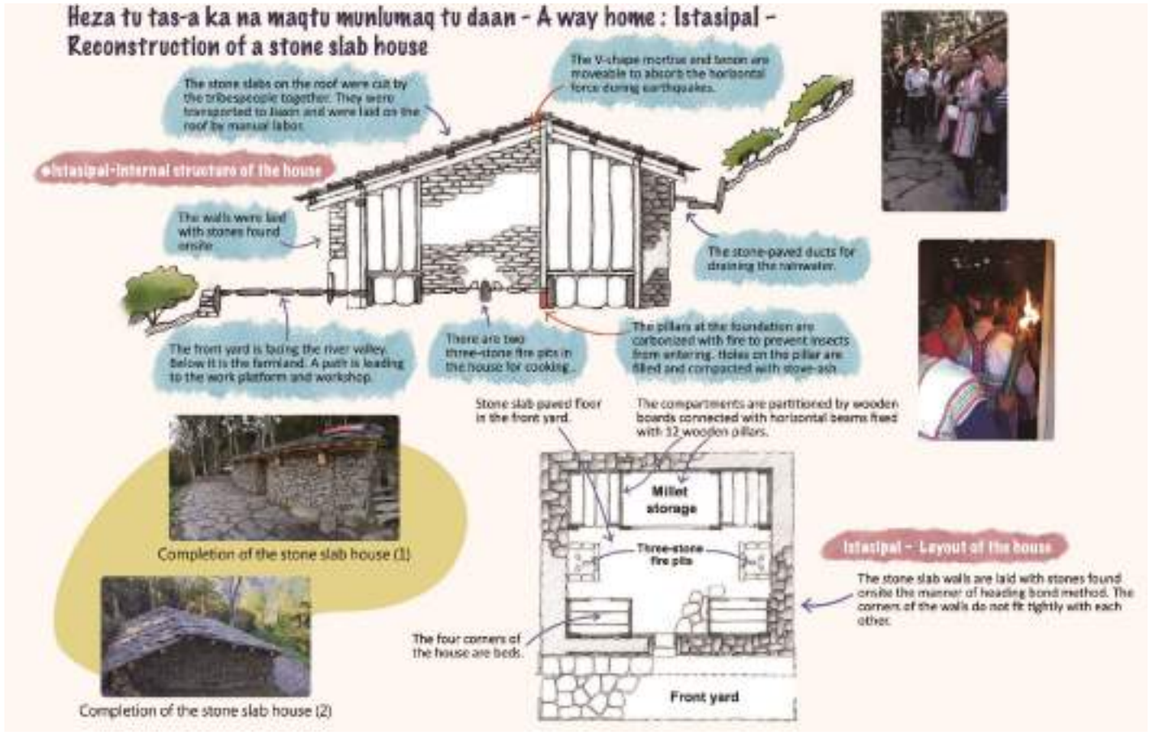
LANDSCAPE ARCHITECT FIRM:
Progressive Environmental Inc.

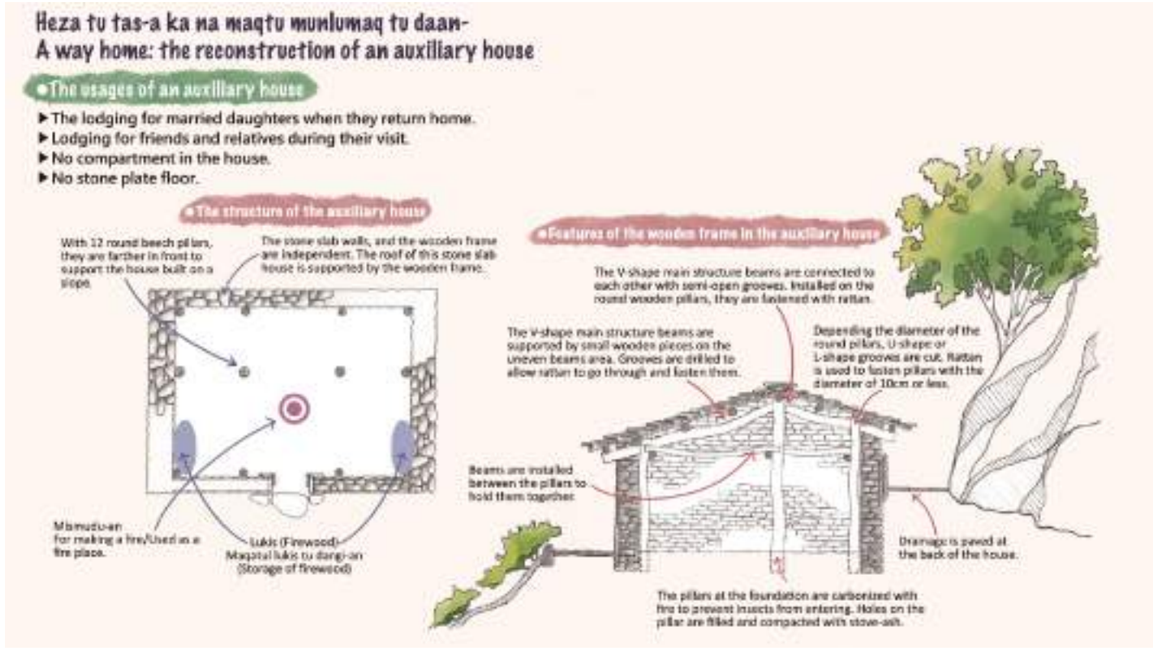
COMPANY ORGANISATION:
Taiwan Institute of Landscape Architects

RETURN TO MAI-ASANG KASING: RECONSTRUCTION OF BUNUN JIAXIN OLD TRIBE LANDSACPE

Hualien City Area: 333 sqm

Jiaxin old tribe was originally the living area of the Bunun, an indigenous group of people in Taipei City. From 1933 to 1934, the people were evicted down the mountain collectively by the Japanese colonial government. After more than 80 years, the stone slab houses in Jiaxinold tribe have collapsed, the farmland is unrecognizable, and the settlements have returned to the natural state of woodlands.To rebuild the bonds between the moved people and their ancestral lands, Hualien County government reconstructed part of Jiaxinold tribe's landscape between 2018 and 2020. Professionals were invited to assist the working team consisting of the tribal descendants. Through interviews with the elderly seniors, in situ resource inventory check, reconstruction of the stone slab house and the auxiliary house, along with self-guided trail of Bununethno plants and bamboo lodge set for culture experience, a base of interpretation and education was therefore reconstructed to inherit and continue Bununmountain culture.





CLIENT:
Hualien County Government

LANDSCAPE ARCHITECT FIRM:
Dasein Planning & Design Co. Ltd

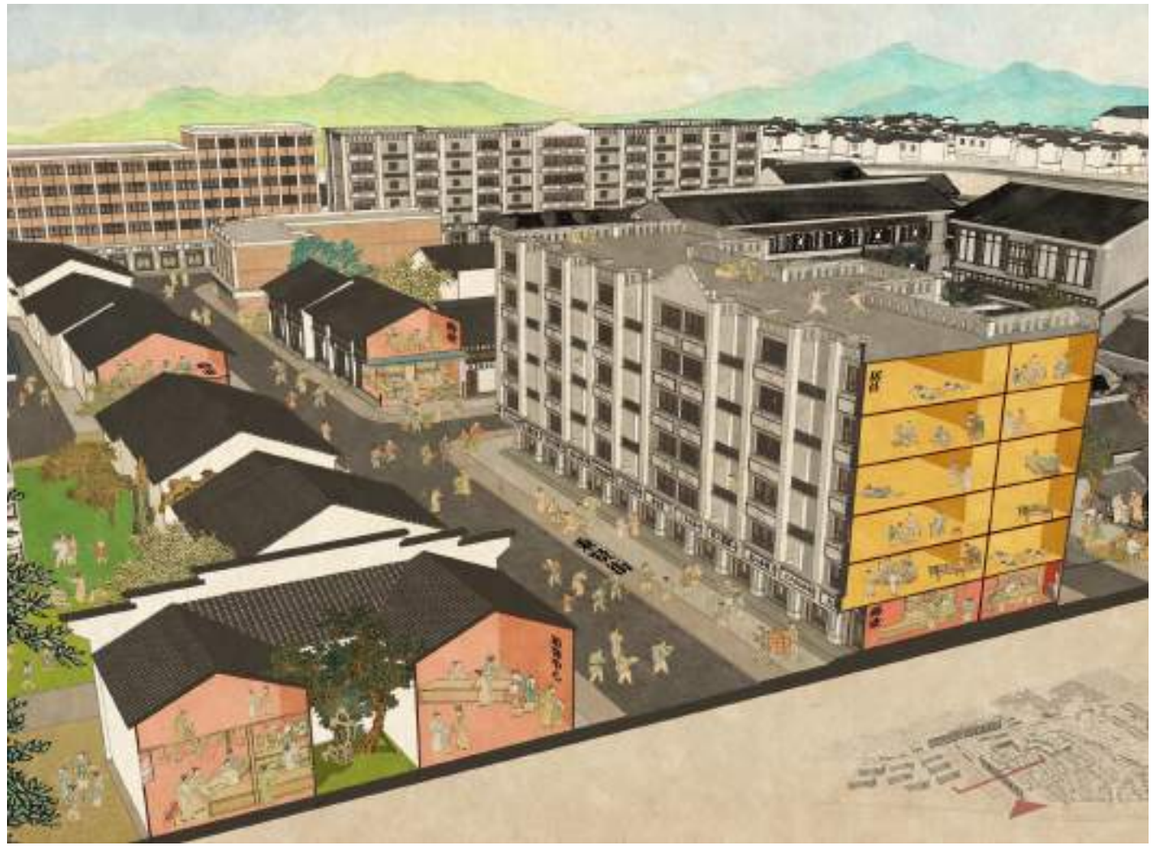
ARCHITECTURE FIRM:
Dasein Planning & Design Co. Ltd

COMPANY ORGANISATION:
Taiwan Institute of Landscape Architects

Award of Excellence

JIANGNAN ON THE CITY WALL (XINDENGTOWN REGENERATION MASTERPLAN AND URBAN DESIGN IN FUYANG HANGZHOU ZHEJIANG)

Hangzhou Area: 15,000 sqm



Xindeng Town is the economic, cultural and commercial centre in the west Fuyang District, Hangzhou. It has a large number of historical and cultural heritage sites with a history of over 1000 years. The ancient city wall of Xindeng is one of the best-preserved heritage site in Zhejiang province. The main objective of this project is to rejuvenate historical and cultural heritage and revitalise the urban space through organic design methods.

The project clarified the industrial development strategies, and carried out a masterplan and spatial design, along with a bunch of solid works on historical research, specialist interviews, questionnaire survey. Be prepared for uncertainties, summer is the high-incidence season of rain and flood disasters in Xindeng Ancient City. In order to prevent the risk of natural hazards, the landscape that can store water during the rainstorm and the square that can store water for public activities are reflected in this landscape design. In addition, the design also takes into account the control of ecological sensitivity by increasing the diversity of riparian hydrophilic vegetation.

Xindeng ancient city wall was included on the reserved World Heritage List in Oct.2020, and became a member of Hangzhou World Heritage Alliance in Dec.2020.

LANDSCAPE ARCHITECT FIRM:

TIANHUA Urban Planning & Design Co.

LA S NAMES WHO WORKED ON THE PROJECT:

K Zheng, LM Weng, YH Xi, XT Wang, WQ chen

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:

Zhejiang UTE Design Group/Zhejiang Urban Construction PD Institute

COMPANY ORGANISATION:

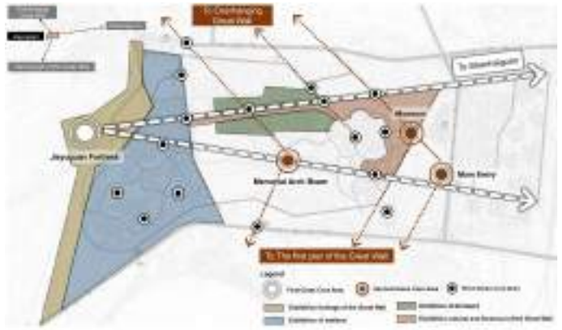
Shanghai TIANHUA Architecture Planning & Engineering Ltd.

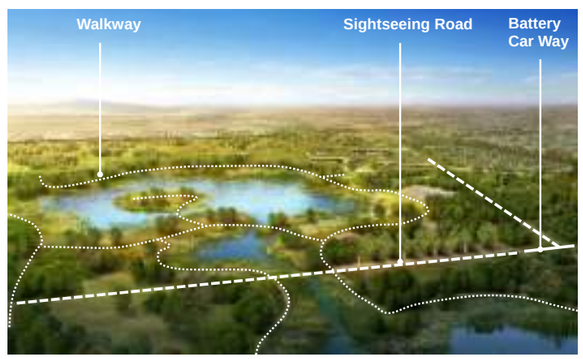
Award of Excellence

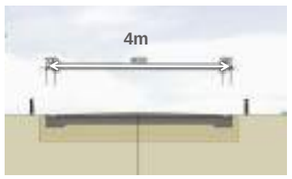
JIAYUGUAN WORLD CULTURAL HERITAGE PROTECTION AND EXHIBITION PROJECT: DETAILED PLANNING AND DESIGN OF THE CORE AREA

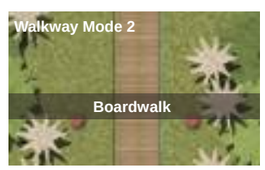
Jiayuguan Area: 3,487 sqkm

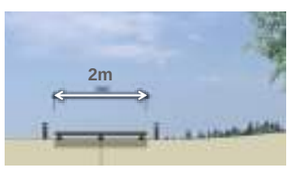
The project is located in Jiayuguan City, Gansu Province, which is the starting point of the western end of the Ming Great Wall and the first pass, as well as the transportation hub of the ancient "Silk Road". Jiayuguan Fortress is a national key cultural relics protection unit, with outstanding universal value in the world. The project focuses on heritage environmental protection and display and utilisation, aiming to coordinate the relationship between Jiayuguan protection and the social and economic development of the heritage site and promote the sustainability of protection.











LANDSCAPE ARCHITECT FIRM:
China Architecture Design & Research Group (CADG)

LA S NAMES WHO WORKED ON THE PROJECT:
Tongbin CHEN, Jian LIU, Wenbin ZHAO

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Lu LU, Huan LIU, Yupu YAN, Wenhao SUN, Jinghua ZHANG, Ziyu LIU, Xinyun XU, Zhenyuan HAN

COMPANY ORGANISATION:
China Architecture Design & Research Group (CADG)

Award of Excellence

THE REBIRTH OF THE OLD STREET UNDER HUMANISTIC CARE - CHONGYONG STREET LANDSCAPE IMPROVEMENT

Beijing Area: 110,000 sqm

Chong Yong Street is the most complete surviving street space of the old city axis in Beijing. Along its route are 223 historical and cultural sites,including the Yonghe Palace and the Temple of Heaven, and it has been one of Beijing's most important commercial streets since the Yuan Dynasty, 750 years ago. It contains the very charming market place culture and folk customs of Beijing. As the city developed, Chongyong Street's public space dynamism gradually waned, and the vitality of local culture in Chongyong street is gradually declining, slowly turning into a chaotic and pedestrian-unfriendly urban road. This project is led by the renovation of public space landscape, coordinating architectural design and traffic design, digging deeply into the history and culture, reviving the civilian culture, re-invigorating the vitality of the old city streets, making it a model for the renewal of traditional streets in old cities.

LANDSCAPE ARCHITECT FIRM:
China Academy of Urban Planning and Design (CAUPD)

LA S NAMES WHO WORKED ON THE PROJECT:
Zhongjie Wang,Bingyue Han, Haoran Ma

ARCHITECT FIRM:
China Academy of Urban Planning and Design (CAUPD)

LIGHTING DESIGN:
Chunping Niu

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Boyu Xin, Minjie Tan, Kai Zhao, Weiguo Xu ,Xin Song,Panpan Li, Na Zhao,Xin Wang, Anran Liu

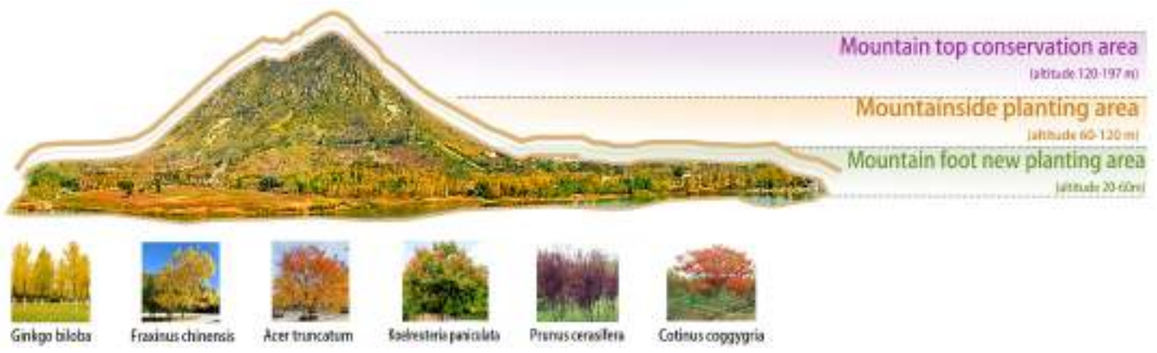
COMPANY ORGANISATION:
China Academy of Urban Planning and Design

Award of Excellence

ECO-RESTORATION PROJECT OF HUASHAN IN JINAN, SHANDONG

Jinan Area: 598,000 sqm

Located in the north of Jinan, Shandong, Huashan Mountain is the core area of Huashan Wetland Park, covering a total area of about 59.8 hectares. It is adjacent to the Yellow River to the north, which is the main direction of urban development of Jinan in the future.
Based on the blueprint of national treasure painting "Autumn Landscape of Queshan and Huashan Mountains" created by Zhao Mengfu, a Chinese painter of the Yuan dynasty in 1295 AD, the project aims to carry on history and culture, restore the terrain and vegetation according to local conditions, blend the protection of ancient architecture and biodiversity into the construction of the tourist attraction, restore the natural and cultural environments and reproduce the enchanting natural landscape of Huashan Mountain, and satisfy the contemporary people's demand for a good ecological environment and leisure tourism and improve the people's happiness and sense of gain.The park is centred on Huashan Mountain, integrates Qilu Culture and Quehua Historical Culture, which has opened up green corridors between Huashan Mountain and attractions such as Queshan Mountain, the Yellow River, Daming Lake and Qianfo Mountain, enhanced the urban image of Jinan and perfected the functions serving the city.



CLIENT:
Jinan Binhe Construction INV.Grp.

LANDSCAPE ARCHITECT FIRM:
Beijng Institute of LA Design

LA S NAMES WHO WORKED ON THE PROJECT:
Yang le, Zhu zhihong, Zhang fushan, Liu yue, Li yan

ARCHITECT FIRM:
Sunyunting, Zhangying ,Suliying

CIVIL STRUCTURE ENGINEER:
Huopeng, Wangchuxu

QUANTITY SURVEYOR:
Zhangzheng, Wangchenxi

LANDSCAPE CONTRACTOR:
JinanLA Develope Construction Grp.

LIGHTING DESIGNER:
Muxilian Lipeiqing

BUILDER:
Wangsheng Eco-Env. Co.Ltd.

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Liu kong, yang Guoxiang, Wang kunLi, lin Wang chen, Yuzhixin, Songyunshan, Wangzhishu, Lishu, aiMali

COMPANY ORGANISATION:
Beijing Institute of Landscape and Traditional Architectural Design and Research Co., LTD.

Award of Excellence

PRESERVATION AND REHABILITATION OF GAODANG: A BUYI MOUNTAIN VILLAGE

Anshun Area: 0,14 sqkm

Gaodang is a traditional village of the Buyi ethnic minority group in a remote impoverished mountainous area in the Chinese southwest province of Guizhou. A seven-year program has been implemented here with the goal of protecting Buyi cultural landscape, boosting community cohesion and strengthening regional economic and ecological sutainability by means of landscape architecture. The program is rooted in the fragile kargi ecosystem and village historical site, integrating the needs of modern life and the protection of traditional landscape. The long-term renovation and renewal process in Gaodang has united forces including scholar, landscape architect, indigenous people, the local craftsmen and design intitute. New sustainable development opportunities have been provided for Gaodang, so its culture heritage, traditional scenes, and ecological principles could continue and thrive with cost, construction and high performance. The

project is not solely about aesthetic landscape design and living environmental improvement, but also the practical significance of the Philosophy of Symbiosis between nature and human beings, valuing the regional cultural diversity, traditional culture inheritance, as well as social equity for disadvantaged groups.

CLIENT:
Ningxi Street of Zhenning County

LANDSCAPE ARCHITECT FIRM:
SHANCUN Atelier

LA S NAMES WHO WORKED ON THE PROJECT:
Zhengxu Zhou Jicheng Feng

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Anshun Architectural Design Institute

COMPANY ORGANISATION:
SHANCUN Atelier, School of Architecture, Tsinghua University

THE UPGRADING & RENOVATION OF ZHANGYAN, SHANGHAI - FROM A FORGOTTEN ANCIENT VILLAGE TO A NEW PARAGON OF RURAL VITALIZATION

Shanghai Area: 12,000 sqm

The project is located in a village called Zhangyan of Chonggu Town, Qingpu District, Shanghai, a dying ancient village which is gradually fading away as time goes by. However, the rural vitalisation policy has made this forgotten village take on a completely new look through design within two years.

By following the concept of"localism", the design team strived to preserve the historical context of the site and recreate the historical memory of the site, and sought a balance between the renovation and innovation of old buildings, instead of simply removing the marks of the past. We identified valuable parts from the complicated conditions of the site in Zhangyan Village, and handled all elements carefully, from whether to restore the style of rivers, streets and lanes, to if a tree or a well should be kept. In the design, we reconstructed the relationship between men as well as men and nature, and reproduced the grand view of this water town.

CLIENT:
CCSEC

LANDSCAPE ARCHITECT FIRM:
GVL Design Group

LA S NAMES WHO WORKED ON THE PROJECT:
Qu Xie, Abi Lau, Weizhou Xia

ARCHITECT FIRM:
TJAD

CIVIL STRUCTURE ENGINEER:
Ming Zhang, Fangji Wang, Zhenyu Li

LANDSCAPE CONTRACTOR:
CCSEC

BUILDER:
CCSEC

COMPANY ORGANISATION:
GVL Design Group

BAOYING OLD EAST GATE CULTURAL AND COMMERCIAL STREET

Yangzhou Area: 58,005 sqm

The Commercial Street of the Aoyuan Old East Gate is a comprehensively commercial space including elements of business, cultural stitching, and urban living room. The Old East Gate Commercial Street is built to be a new city landmark connecting modern business and historical culture. Based on the Beijing-Hangzhou Grand Canal Culture, it aims to reflect the inheritance and application of traditional regional culture by merging commercial experience spaces and regional urban memory of the Beijing-Hangzhou Grand Canal. The prosperous business model is used to benchmark the lush scenery of the historical canal, and it evokes the urban memory of the Beijing-Hangzhou Canal in the region.

The design is based on the culture and history of the Canal to create an immersive experience so that users and tourists can feel the prosper of business on the Canal thousands of years ago. As the first open space of the entire style tourism business district, the project further excavates and displays the roots of canal culture, it shapes and displays the unique culture and life scene of Baoying, such as cargo ships returning to the port, tea breaks at the docks, and enjoying lotus flowers on boats, and so on.

CLIENT:
Baoying Aoyuan Real Estate Co., Ltd

LANDSCAPE ARCHITECT FIRM:
GVL Design Group

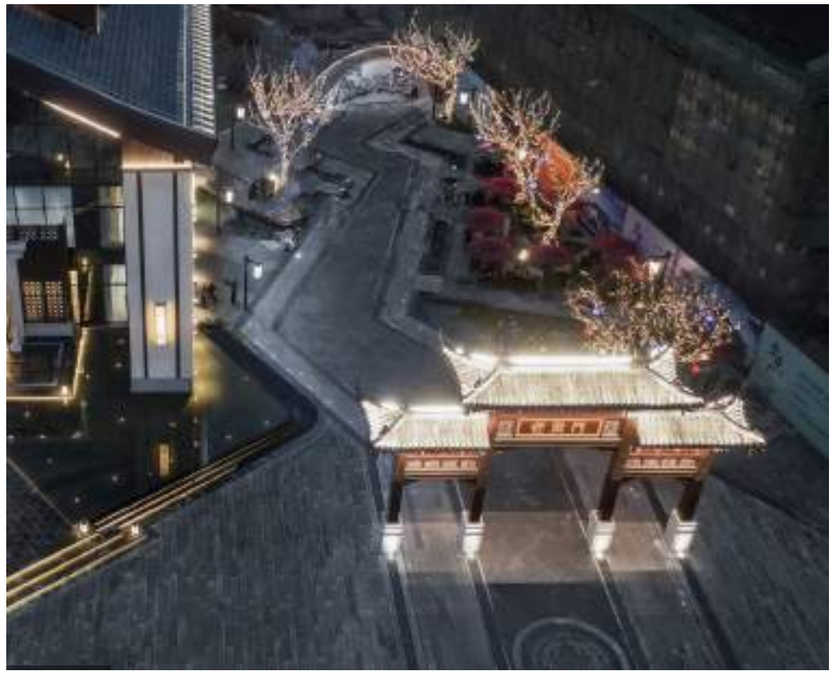
LA S NAMES WHO WORKED ON THE PROJECT:
Xushuo Luo, Changfeng Wang, Wenbo Lin

ARCHITECT FIRM:
JZFZ Architecture Design

BUILDER:
Anyi Construction

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Jing Wang, Yan Pang, Xinye Wang, Senwei Feng, Tao Liang, Siying Dai, Tao Wang

COMPANY ORGANISATION:
GVL Design Group



ZIJIN MOUNTAIN MANSION, XUANWU DISTRICT, NANJING

Nanjing Area: 1,000 sqm

Taking advantage of the Zijin Mountain, the project has greatly preserved its natural surroundings, creating an artistic space with minimally invasive intervention. The combination and overlapping of individual spaces integrate the architecture and landscape into nature. Designed in the spatial sequence of Chinese traditional gardens, the site is reinterpreted abstractly and reconstructed to present multiple courtyards as well as 360° immersive landscape experience. The changes of spatial scale and the integration of multiple spaces both contribute to the flexibility and depth of the whole space, thus forming gardens within garden and providing a colourful courtyard experience. Not only does it maximise the utilization rate of the space, but it also presents the best artistic effect. As a result of respecting nature, the project has fully explored the values of local culture and ecology, making the artificial landscape in perfect harmony with nature.

LANDSCAPE ARCHITECT FIRM:
Beijing Sunshine Landscape Co.,Ltd

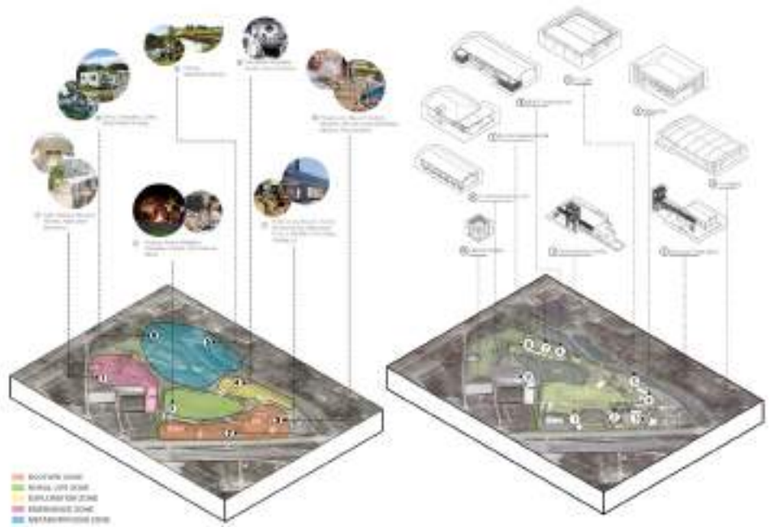
LA S NAMES WHO WORKED ON THE PROJECT:
Hua Yang Jingli Wu Shuai Han Yiyun Han

COMPANY ORGANISATION:
Beijing Sunshine Landscape Co.,Ltd

REVIVING SERICULTURE VIA THE INTEGRATED DESIGN OF GUANGZHOU'S BOSUN GARDEN

Guangzhou Area: 530,000 sqm

In a one-and-a-half year-long project, the design team integrated sericulture research from the China Institute of Agricultural Science and advanced processing technology to reconstruct the functionality of Bosun Garden. Building on the original spatial structure and diverse array of activity spaces, the design team endeavoured to build a park that could pass on the tradition and heritage of sericulture (the cultivation of silkworms to produce silk). The design philosophy of "light intervention micro-transformation" was applied to tap the space's full potential as a cultural tourism site. High-quality mulberry varieties were efficiently bred using pioneering agricultural methods and technology, such as a water-saving irrigation and planting system, a mulberry fishpond, and a dike pond. These features were also presented as a comprehensive interactive landscape system that can be enjoyed by all kinds of tourists. Bosun Garden gives new vitality to the natural environment while growing public attention towards the tradition of sericulture.



CLIENT:
GVL International Group

LANDSCAPE ARCHITECT FIRM:
GVL Design Group

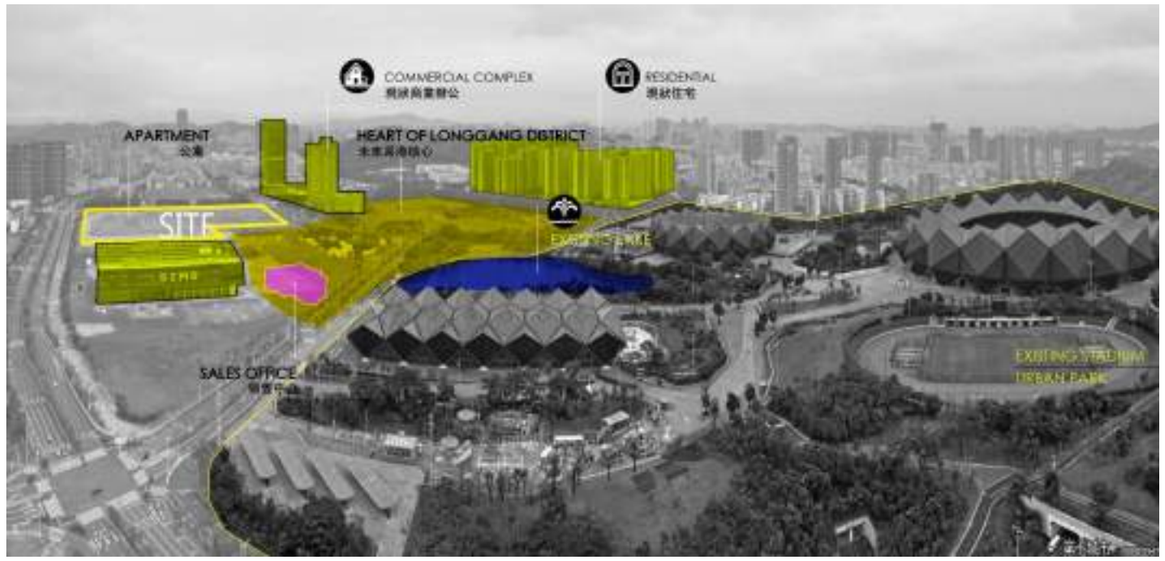
LA S NAMES WHO WORKED ON THE PROJECT:
Tao Peng, Qingwen Pan, Xianhui Zhou

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Yiheng Chang, Wenlan Li, Weizhou Xia, Qixing Zeng, Bing Wu, Yiyu Chen, Bo Nong

COMPANY ORGANISATION:
GVL Design Group

SHIMAO SHENZHEN-HONG KONG INTERNATIONAL CENTER

Shenzhen Area: 25,000 sqm



The architectural design focuses on the idea of "interpreting the traditional Chinese culture and arts in a modern way" and reflects the core concept of "Spiral Scroll"+ "three-dimensional garden". The designers carefully analysed the architectural structure and found that there was a rotation angle of 120° between layers. Based on the analysis of sight lines to the architecture, the design team conceived the main landscape routes as two "petals" to embrace the architecture, in order to ensure fantastic visual effects when visitors look outside from the interior of the building.

CLIENT:
Shimao Property

LANDSCAPE ARCHITECT FIRM:
BELT COLLINS INTERNATIONAL (HK) LTD.

LA S NAMES WHO WORKED ON THE PROJECT:
Philip TAM

ARCHITECTURE FIRM:
SHUISHI

LANDSCAPE CONTRACTOR:
Shenzhen Osnoe Landscaping Co.,Ltd.

LIGHTING DESIGNER:
PUDI DESIGN

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Curtain wall consultant, FORCITIS Engineering Consultants Co., Ltd.

COMPANY ORGANISATION:
BELT COLLINS INTERNATIONAL (HK) LIMITED

TIMES CITY, SHENYANG

Shenyang Area: 11,533 sqm

Built in 1988, Shenhai Thermal Power Plant was a key national energy construction project and one of the largest infrastructure projects in Shenyang. Shenhai Thermal Power Plant is well-known in Shenyang, it brought warmth to countless families in the east of Shenyang and maintained most of their memories. It is also a landmark of East Shenyang. The 70-year-old "East Trade Warehouse" was built in 1950. It is the earliest, largest and well-preserved civil storage building group in Shenyang city. It has built a modern logistics area integrating warehousing, transportation, distribution, packaging, processing and information processing, which has commemorative significance for the modernisation development of Shenyang logistics transportation. With the development of the city and society, the large land parcel of one million square meters is facing remodeling and urban renewal.

The accumulation of heavy history and culture has created the famous "Shenhai" and "East trade" area in the east of Shenyang. With the development of history, the two connecting areas are facing urban renewal. The site will be updated and developed into a large residential area with perfect matching and ideal living style. The Shenhai Thermal Power Plant will gradually move to the suburbs and retain some traces of its industrial past, evolving into parks and active public Spaces. The seven historic preservation buildings in Dongmaoku will become a neighborhood with a sense of warmth and memory for public life services. This is a very interesting and challenging project. The design exhibition scope of this project is the first residential exhibition area of one million square metres.

We tried to respond to and tinker with the properties of the site. Living in such a site, we hoped that it was not an isolated place, but a continuation and positive response to the history of the site, to create a forest theatre surrounded by love, truly follow the trend, convey warmth and memory. We wanted to bring back the warmth of the pre-industrial dwellings, neighbourhood, interaction and love. Warm colours and healing plants were used to influence people's psychological state and make them feel as if they were surrounded by love.

LANDSCAPE ARCHITECT FIRM:
Guangzhou S.P.I Design Co., LTD

LA S NAMES WHO WORKED ON THE PROJECT:
Hu Sun, Yue Wang, Rui Fan, Wei Du

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Jiamin Dai, Wenwen Zhao, Nicheng Wang, Chi Cheng, Binbin Yao

COMPANY ORGANISATION:
Guangzhou S.P.I Design Co., LTD

CHIAYI ART MUSEUM

Chiayi City m² Area: 4,350 sqm

The square of the Chiayi Art Museum is like the living room of the city. The trees with drooping branches are arranged well to provide a space for leisure and a good traffic pattern, serving as an important connection between the exterior and interior of the museum. The beech square reveals the spatial capacity as well as makes a metaphor for the subjectivity of the entrance. At night, the native plants along with tall maple trees sway in the wind and cast leaf shadows on the ground, telling the story and transformation of art development in Chiayi. The building formerly known as the Branch of the Taiwan Tobacco & Liquor Corporation continues to play an important role in cultural inheritance. At night, as the wind breezes the shadows of leaves on the ground, swaying with the wind, following the torrent of history, watch the development and transformation of Chiayi art, and continue to sing the songs of art through the Branch of the Tobacco & Liquor Corporation.

CLIENT:
Chiayi City Government

LANDSCAPE ARCHITECT FIRM:
MOTIF Planning & Design Consultants

ARCHITECTURE FIRM:
Studiobase+ M.H.Wang Architects.

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Rex Chu - OS studio

COMPANY ORGANISATION:
Taiwan Institute of Landscape Architects

REVIVING THE SPIRIT OF THE TERRA : YEONGJONG SEASIDE PARK

Incheon m² Area: 17,771,920 sqm

Yeongjongdo flourished with a saltern industry which actively used blessed natural resources such as seawater, sun energy and wind. The saltern sites, long regarded as the base of local residents' livelihood for ages, have been neglected for a while since the Incheon International airport construction. Yeongjong Seaside Park has a vision to revitalise its vernacular landscapes by making a new park, bringing back historical and cultural meanings of the modern industrial site by restoration of the saltern sites and offering a new site which connects the past and the future with transcending generations. The site has a critical importance in ecology habitats for local species and migratory birds. By preserving the tide marshes, the project keeps its genuine ecological and cultural value of the landscape and devotes it to the natural resiliency and sustainability.

CLIENT:
KOREA LAND & HOUSING CORPORATION

LANDSCAPE ARCHITECT FIRM:
MADANG

LANDSCAPE CONTRACTOR:
KULIMWON

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
INCHEON FACILITIES CORPORATION

COMPANY ORGANISATION:
KOREA LAND & HOUSING CORPORATION

NEW LIFE OF GANKENG HAKKA CULTURAL DISTRICT

Shenzhen Area: 1,13 sqkm

Shenzhen has grown from a small fishing village with a population of 300,000 to an international metropolis with a population of 14 million. Just 40 years of ultra high-speed urban development has brought about rapid changes. In the process of urbanisation, Shenzhen has retained 1,893 urban villages with a construction area of more than 220 million square metres. The ancient city in Shenzhen witnessed the starting point of the development of this new city and represents the way of life of a group of people. It provides a development model for the development of neighbourhood with Shenzhen's local culture characteristic, and it also provides people with a variety of lifestyle choices. After completion, it would be convenient for people to live, which encourages residents, tourists and the government to form a common sense of maintenance. After the opening of the venue, exhibitions, festival celebrations, and school study activities would be held to enhance cultural identities and attract more and more people, so as to truly preserve and promote Hakka history and culture.

LANDSCAPE ARCHITECT FIRM:
SUTPC

LA S NAMES WHO WORKED ON THE PROJECT:
Zhang Xiaochun, Li Muping, Cheng Zhipeng

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Gao Yang, Wang Xiaogang, Zhang Chen, Zhu Chuan, Wei Dongdong, Li Lihua

COMPANY ORGANISATION:
SUTPC

THE RECONSTRUCTION PROJECT OF BEIJING LONGTAN MIDDLE LAKE PARK

Beijing Area: 398,000 sqm

Longtan Middle Lake Park locates in the city core of Beijing. It formerly was the first modern amusement park of the city and was the largest green space that was left untouched in the constantly developing urban area. The renovated park has greatly improved the city's flood storage capacity. It benefits millions of residents living in the neighbourhood by providing a highly forested backyard garden that allows social and recreational activities to happen. The old densely populated urban residential area has not been forgotten in the fast urban development process. Now the residents are more proud for their neighbourhood with a great sense of belong and recognition.

CLIENT:
Dongcheng Forestry and Parks Bureau

LANDSCAPE ARCHITECT FIRM:
CADG

LA S NAMES WHO WORKED ON THE PROJECT:
Wenbin Zhao, Haiwei Yu, Wenhao Sun

ARCHITECT FIRM:
CADG

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Hongtao Wang,Zhe Tan,Lingzhi Feng,Shimingyue Qi,Wen Pan, Jinlong Sheng,Huan Liu ,Lu Lu

COMPANY ORGANISATION:
China Architecture Design & Research Group (CADG)

VICTORY STAR ZONE –THE REPRESENTATION AND RECONSTRUCTION OF THE FLIGHT STORY IN PINGTUNG

PingTung City Area: 59,000 sqm

The project "Pingtung Flight Story" is a conservation-led urban regeneration project implemented since 2016 to regenerate the military villages (眷村) in Pingtun City . This project was completed in 2021 accompanied by the work of the restoration of 49 Japanese-style historic buildings, the remodelling of intact courtyard in each single building and the open street space which expresses the common memory of the military village, and moreover the reconstruction of the new meaning of home given to these valuable buildings for all Pingtung citizens.

Today, around 70+ stores are open to the public in these restored buildings. The stores include 6 independent bookstores, 8 guest houses, and shops of international style for instance the Swaziland military antiques, Turkey textile and French restaurant etc. Of course most of these stores display the multi-cultural significance of Pingtung, such as Holo, Hakka, the original inhabitants and, most outstanding food of the military village. These stores are run by mostly local residents and companies. Some extra open markets and concerts are also carried out in the Victory Star Zone every weekend. They are selling the new Pingtung lifestyle to the lay public and the Victory Star Zone has shifted the commercial centre of the city back to this area. The name of Victory Star Zone is now the business card of Pingtung showing the new lifestyle to people outside the city.

CLIENT:
Pingtung County Government

LANDSCAPE ARCHITECT FIRM:
Zhiyuan Landscape

LANDSCAPE CONTRACTOR:
JiouGang Constructer

LIGHTING DESIGNER:
Rooster Lighting

BUILDER:
Sun-Team Co/ U-Ten Co.

COMPANY ORGANISATION:
Taiwan Institute of Landscape Architects

RENEWAL OF KUNMING WULONG ANCIENT FISHING VILLAGE, YUNNAN

Kunming Area: 20,800 sqm

Wulong Village in Chenggong District of Kunming City, Yunnan Province, is a renovation project for the purpose of historical protection and cultural inheritance. The original site of the project is a small fishing village with a history of more than 600 years. Through planning, renewal and functional replacement, it has become a model for inheriting the traditional Kunming culture in the area. The project highlights three characteristics. First, landscape architects collaborate with architects, planners, interior designers, structural engineers, and even local craftsmen to realise the public ambitions of the village. Second, the transformation fully respects history and culture. On the basis of retaining the original architectural relics and humanistic feelings, it is fully integrated with contemporary life functions and used by contemporary people. Furthermore, designers emphasise the communication between ancient and modern, including the visual connection between old and new buildings, the communication between ancient villages and the modern city. The juxtaposition of the old and the new proves both harmonious and comparative, depicting a pastoral ancient village scene in the modern city, which has high aesthetic value.

CLIENT:
OCT Group

LANDSCAPE ARCHITECT FIRM:
SHUISHI

COMPANY ORGANISATION:
SHUISHI

THE ORGANIC RENEWAL PROJECT FOR MOSHIKOU HISTORICAL AND CULTURAL DISTRICT

Beijing Area: 0,35 sqkm

Known for its long history and well-preserved historical relics, the Moshikou Historical and Cultural District faces the interwoven challenges of low environmental quality and lack of amenities in the context of urban renewal. After profound research of the district history and the needs of residents, an envisioned coalition of residents, landscape architects, and local government developed the Organic Renewal Project for the district, a series of proposals including landscape design for core area, urban furniture system design, nightscape design and the compiling of Moshikou Streetscape Guidelines. The project embraces the necessity for environmental improvement and living quality and aims to balance the relationship between cultural conservation, living quality, and regional development.

After a year's hard work, the environmental quality of the district has been greatly improved; the courtyards have been revitalised through the implantation of businesses; the amenities have been promoted to make the life of the residents safer and convenient; the artistic urban furniture provides an opportunity to disseminate the essence of culture. The district is becoming a role model of urban renewal in western Beijing's historical and cultural protection district and was named one of the top ten most beautiful streets in Beijing in 2021.

LANDSCAPE ARCHITECT FIRM:
CADG

LA S NAMES WHO WORKED ON THE PROJECT:
Lixiu SHI, Yan MENG, Wujun GUAN, Nan LI

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Hongwei CHENG, Yuhan ZHANG, Yunshuang WANG, Chuhan ZHANG, Ziqing WANG, Ying LU, Yue WANG

COMPANY ORGANISATION:
China Architecture Design & Research Group (CADG)

XUANWU LAKE, NATURAL LANDSCAPE AND CULTURE NABITATION

Nanjing Area: 5,13 sqkm

Xuanwu Lake is located in the centre of Nanjing. It is near Zijin Mountain in the east, Yangtze River in the west, ancient city in the south and Mufu Mountain in the north. It used to be the largest imperial garden lake and the only Jiangnan imperial garden. Xuanwu Lake scenic area includes a ring. The lake has a circumference of 9.5 kilometres, a water surface area of 378 hectares and total area of 502 hectares.

LANDSCAPE ARCHITECT FIRM:
NJ Landscape

LA S NAMES WHO WORKED ON THE PROJECT:
Cheng Jun,Li Ping,Jiang Congmei

COMPANY ORGANISATION:
Nanjing Lanscape Planning And Dedsign Institute CO.,LTD

Honourable Mention

INHERITANCE AND REJUVENATION OF HISTORIC DISTRICTS—LANDSCAPE DESIGN OF KUILONGFANG HISTORIC DISTRICT IN LIANJIANG COUNTY

Lianjiang Area: 35,000 sqm

Kuilongfang Historic District is located in the core area of the old downtown in Lianjiang County, Fujian Province. During nearly 30 years of urban development, a large number of ancient alleys and places in the old downtown area have been demolished, seriously damaging the historical features of the county. In the project, by taking the rejuvenation of districts as an opportunity, designers have demolished or upgraded temporary structures and old facilities that negatively impact the environment, preserved and repaired these ancient alleys and places, and introduced diversified business forms to enrich people's life in the district after studying regional culture and traditional techniques and by considering the historical texture of the district. After the completion of the project, the quality of the public environment in the district has been greatly improved, promoting the sustainable development of society and economy in the region. Besides, the historic district has become the carrier for inheritance and rejuvenation of traditional culture. Its construction enhances the citizens' sense of pride and belonging to their hometown.

CLIENT:
Rongfa Wenma Industrial Co,,Ltd

LANDSCAPE ARCHITECT FIRM:
Tsinghua Tongheng Institute

LA S NAMES WHO WORKED ON THE PROJECT:
Chengye Wang, Yang Wang, Dan Zhang

CIVIL STRUCTURE ENGINEER:
Chunxi Zhang, Zhiwei Yuan, Yang Zhao

QUANTITY SURVEYOR:
Enchuang Fan

LANDSCAPE CONTRACTOR:
Fujian Erjian Construction Group

LIGHTING DESIGNER:
Juanni Xue

COMPANY ORGANISATION:
GVL Design Group

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Jie Zhang, Chen Chen, Yang Zhang, Gong Zhang, Han Zhao, Hanxiao Jiang, Dakun Luo,Yi Jin

COMPANY ORGANISATION:
Beijing Tsinghua Tongheng Urban Planning and Design Institute

Honourable Mention

THE OLD CANAL — CULTURAL PRACTICE OF ECOLOGICAL LANDSCAPE RESTORATION IN TONGZHOU DISTRICT, BEIJING

Beijing Area: 7,000,000 sqm

The park base is located in Tongzhou District of Beijing, with the north section of the historical trail of the North Canal (Xiaoshengmiao - Zhangjiawan) on the west side of the Greenheart Forest Park, next to the Oriental Chemical Factory. During urban development, these relics have not been properly protected. Due to industrial development, the surrounding soil and groundwater have been polluted to various degrees. The purpose of the project is to create a healthy water ecological environment by restoring the water system in the northern section of the old North Canal (Xiaoshengmiao - Zhangjiawan), provide a good habitat for birds and small animals. Using water-saving and water-replenishing measures to create a sustainable and elastic space, Green lung for Tong Zhou focuses on creating a memorial place for the canal and inherits the canal culture, enriching the life of the public.

CLIENT:
Beijing investment group CO.,LTD

LANDSCAPE ARCHITECT FIRM:
BIAD

LA S NAMES WHO WORKED ON THE PROJECT:
Hui Liu,Fang Geng, FangFang, BaiHe,JianLiu

ARCHITECT FIRM:
BIAD

CIVIL STRUCTURE ENGINEER:
BIAD

QUANTITY SURVEYOR:
BIAD

LANDSCAPE CONTRACTOR:
BIAD

LIGHTING DESIGNER:
BIAD

BUILDER:
BSGE & BTLE

COMPANY ORGANISATION:
Beijing Institute of Architectural Design

Honourable Mention

RESTORATION OF MILLENNIUM-AGED CITY LANDSCAPE - LANDSCAPE PROTECTION AND EXHIBITION PROJECT AT THE HISTORIC SITE OF DUANZHOU DISTRICT MAGISTRATE OFFICE

Zhaoqing Area: 3,100 sqm

Now, Zhaoqing is in the process of high-speed urbanisation. We wish to cope with the conflict between the vigorous economic development, the protection of urban built heritage and historical and cultural roots in a positive and rigorous way, make a "light disturbance" rehabilitation of the landscape at the historic site of Duanzhou District Magistrate Office, Zhaoqing with a history of thousands of years, and restore and deduce the inherent landscape pattern of rivers, cities, lakes and mountains in Zhaoqing and the historical spatial texture of Duanzhou Ancient City.

Based on the observation and profound understanding of the urban history and status quo of Zhaoqing, the design of this rehabilitation considers the existing status of the building materials at hand, respects the authenticity and integrity of scenes, continues its inherent spirit of place, realises the dialogue between ancient and modern times. Besides, it is designed to set up a platform for truly displaying the historical urban pattern and historical features for the base ontology of archaeology-intended No.5 building of Duanzhou District Magistrate Office and nine heritage monuments of Ming and Qing Dynasties, present the accumulation of historical landscape in Duanzhou Ancient City for thousands of years to the public, make the public pay more attention to the historical heritage on their own land, recognise the unique landscape pattern and profound historical context of this city that was neglected in the past, and identify the cultural value of the unique landscape.

CLIENT:
Zhaoqing Admin of Agent Const Proj

LANDSCAPE ARCHITECT FIRM:
Arch Design & Research Inst of SCUT

LA S NAMES WHO WORKED ON THE PROJECT:
Guo Qian, Xiao Lei, Huang Kai, Wang Shaojie

ARCHITECT FIRM:
Arch Design & Research Inst of SCUT

LANDSCAPE CONTRACTOR:
Beijing Urban Const Yatai Group

BUILDER:
Luoding No.4 Const Engrg Company

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Hualan Design Group CO., LTD

COMPANY ORGANISATION:
South China University of Technology

IFLA ASIA-PACIFIC
INTERNATIONAL FEDERATION OF LANDSCAPE ARCHITECTS

IFLA APR TALK & SHARE

This series of activities aims to enhance landscape education and connect it with international standards, and to encourage countries to develop their own characteristics of landscape education. The geographical and cultural diversity of the Asia-Pacific region makes it important to focus on the development of national competitiveness, geographic self-identity and competitiveness.

Look out for upcoming Talk and Share sessions in 2023 as we invite a variety of speakers to share different topics!

Talk & Share 1
Accreditation of Landscape Programs: IFLA APR
Presented by Monica Kuo and Mike Barthelmeh

Talk & Share 2
Landscape Architecture in Hong Kong
Presented by Iris Hoi, Lenren Lee and Monica Kuo

Talk & Share 3
To lead as lived - Empowering our role in professional association
Presented by Damian Tang, Ricardo Riveros, Graham Young, Dr. Sridevi Rao and Monica Kuo

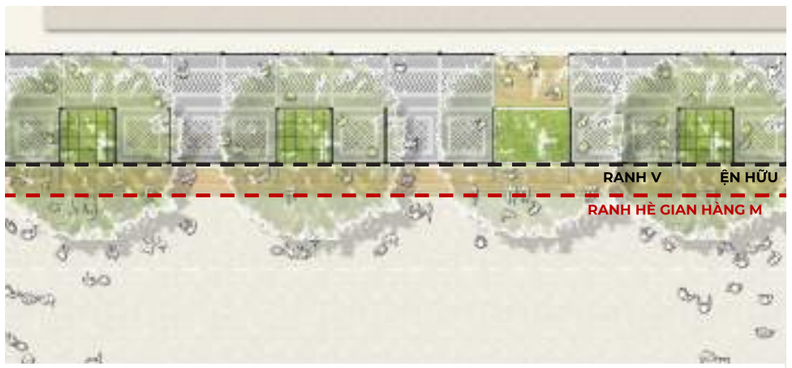
Watch the past sessions now

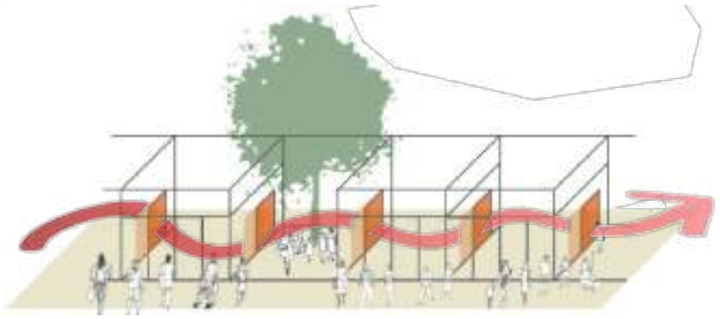
Expect more Talk & Share sessions in 2023! Stay tuned!

ECONOMIC VIABILITY

RE-INVENTION: HO CHI MINH CITY BOOK STREET

Ho Chi Minh City Area: 4,714 sqm





Ho Chi Minh City Book Street is on a narrow street, under the shadows of urban heritage sites like Notre Dame Cathedral, Ho Chi Minh City Post Office and People's Committee of District 1. With trees lined on both sides, it was used as a degraded temporary parking lot.

Now the street is a diamond-valued location in Ho Chi Minh City. Not merely a place of buying and selling books, it is also a public space for citizens and tourists. The architecture aspect of the book street aims to find union within the diversity. The appearance is simplified to optimise the function and operation program. The book street beautifies and livens up the surroundings. It promotes reading culture. It brings people together. The architectural attractiveness, the cultural value and the sense of place are qualities that make Ho Chi Minh City Book Street an award-worthy project.

3/4 CUBIC

CLIENT:
Book Street Company, Ltd.

LANDSCAPE ARCHITECT FIRM:
TA Landscape Architecture

LA S NAMES WHO WORKED ON THE PROJECT:
Vu Viet Anh, Pham Thi Ai Thuy

ARCHITECT FIRM:
TA Landscape Architecture

CIVIL STRUCTURE ENGINEER:
ATAD - Quoc Hung Ltd

QUANTITY SURVEYOR:
TA Landscape Architecture

LANDSCAPE CONTRACTOR:
TA Landscape Architecture

BUILDER:
TA Landscape Architecture

BUILDER:
metrostudio

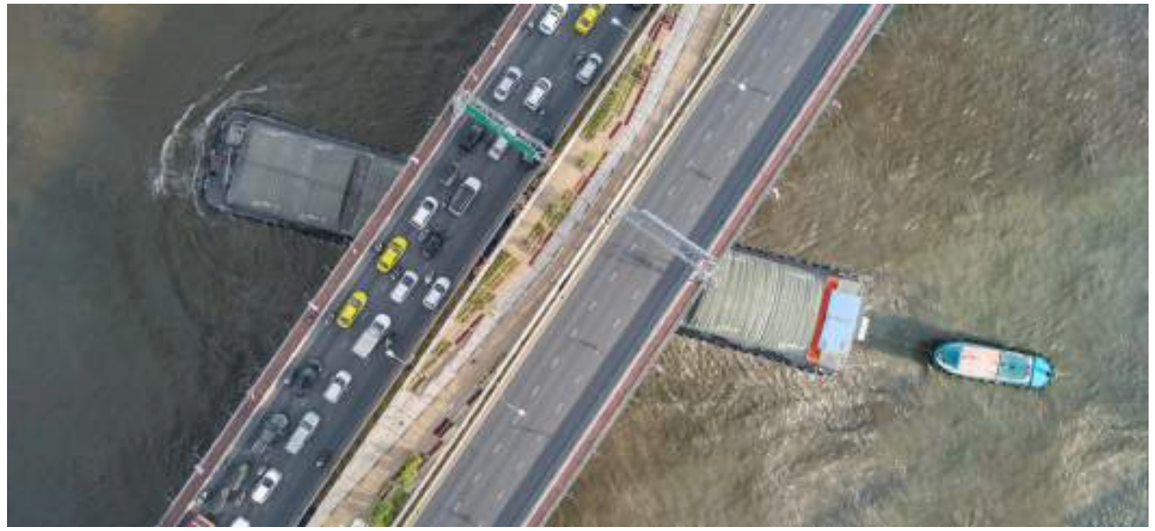
Outstanding Award

CHAO PHRAYA SKY PARK, FROM VACANT TO VIBRANT, RETHINK WASTED INFRASTRUCTURE FOR URBAN ADAPTABILITY

Bangkok Area: 3,400 sqm

Amidst the pandemic, Bangkok opened its remarkable public space, the Chao Phraya Sky Park (CPSP). Left abandoned for almost 40 years, the halted infrastructure project has now been given a second life as the newest Bangkok landmark, the nation's first pedestrian bridge park across a river.

Situated in Bangkok's most significant historical area, the 360-degree view bridges the city's historic town and modern skyline at one glance. From vacant to vibrant, CPSP exhibits few possibilities for public green space in such a dense urban fabric to redefine neglected infrastructure, the health of the citizens and the health of the city. By merging two juxtaposed sides of Bangkok and existing parks on both ends, CPSP shows the importance of much-needed public green space, walkability, creating low carbon-emission construction from adaptive reuse while restoring its citizens' physical and mental health. By utilising the remains, CPSP has shown the countless future possibilities for placemaking that increase urban adaptability and all the city's abandoned and wasted spaces that should not be left behind.



CLIENT:
Bangkok Metropolitan Administration

LANDSCAPE ARCHITECT FIRM:
Kotchakorn Voraakhom (LANDPROCESS)

LA S NAMES WHO WORKED ON THE PROJECT:
Kotchakorn Voraakhom

ARCHITECT FIRM:
Chakdao Navachalern (N7A)

CIVIL STRUCTURE ENGINEER:
Thummanuun Susumphao, Ph.D

BUILDER:
SGR Enterprise Company Limited

Outstanding Award

LANDSCAPE DESIGN OF ZHANGJIAGANG BAY ECOLOGICAL REHABILITATION PROJECT - EXPLORATION OF LANDSCAPE APPROACH FOR GREEN DEVELOPMENT OF YANGTZE RIVER WATERFRONT

Zhangjiagang Area: 237,500 sqm

Aiming at the national strategy of green development of Yangtze River Economic Belt with ecological priority, this project takes the ecological protection and restoration of the Yangtze River as the core, and creates an open and composite waterfront space based on the spatial security strategy gradient to cope with the change of water level. Exploring the formation of an interdisciplinary, multiprofessional, and international school-enterprise collaboration model, and innovatively responding to issues like “poor ecological base, cluttered industrial remains, as well as soil desertification”, drives surrounding green transformation and tourism development of rural industry. Meanwhile, it realised the vision of “returning green to the beach and returning the river to the people”, and also improved the well-being of residents in the harbour city.

The project site is located on the south bank of the Yangtze River and occupies a total area of 1.26 square kilometres, including nine kilometres of waterfront land along the banks, tidal lands as well as ponds for aquaculture. In March 2021, the project was shortlisted as an excellent example of the practical application of the United Nations Sustainable Development Goals and provides a valuable reference for the exploration of green development in the world’s river basins.

CLIENT:
Zhangjiagang La Constr Manage Office

LANDSCAPE ARCHITECT FIRM:
SJTU Shanghai Edging A&LA CO., LTD.

LA S NAMES WHO WORKED ON THE PROJECT:
XiaominTang, YunWang, FenJiang, JamesHayter

ARCHITECT FIRM:
Shanghai Edging A&LA CO., LTD.

CIVIL STRUCTURE ENGINEER:
Liang Zhang, Zhihui Tang, Guohua Gui

QUANTITY SURVEYOR:
Chao Chen

LIGHTING DESIGNER:
Siwei Zhang

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Shenzhen Wutong Mountain Scenic Area Management Office

COMPANY ORGANISATION:
Shenzhen Wenke Landscape Corp., Ltd

Award of Excellence

FROM DIVERSION CANAL TO DESIRABLE WATERFRONT

Beijing Area: 150,000 sqm

As one of the most ambitious and complex development projects in Beijing for a decade, Yongding River Diversion Canal Waterfront Park aspires to be a new kind of urban revitalisation project. With its final phase complete, Yongding River Diversion Canal Waterfront Park gradually becomes an excellent model for social, cultural and ecological resiliency at the urban waterfront. And this bleak and desolate canal has finally been transformed into a verdant parkland teeming with community life and its restored riverain habitat after the aspirational and innovative blending of landscape, architecture and infrastructure.

CLIENT:
Shijingshan Landscaping Bureau

LANDSCAPE ARCHITECT FIRM:
Beijing BLDJ LA Institute Co., LTD.

LA S NAMES WHO WORKED ON THE PROJECT:
Ma gr Zhanglu Lizp Zhangjing Xiangfei

ARCHITECT FIRM:
Beijing BLDJ LA Institute Co., LTD.

CIVIL STRUCTURE ENGINEER:
Li Jun Chen chunyang

QUANTITY SURVEYOR:
Xiangfei

LANDSCAPE CONTRACTOR:
Beijing BLDJ LA Institute Co., LTD.

LIGHTING DESIGNER:
Zhu jingshan

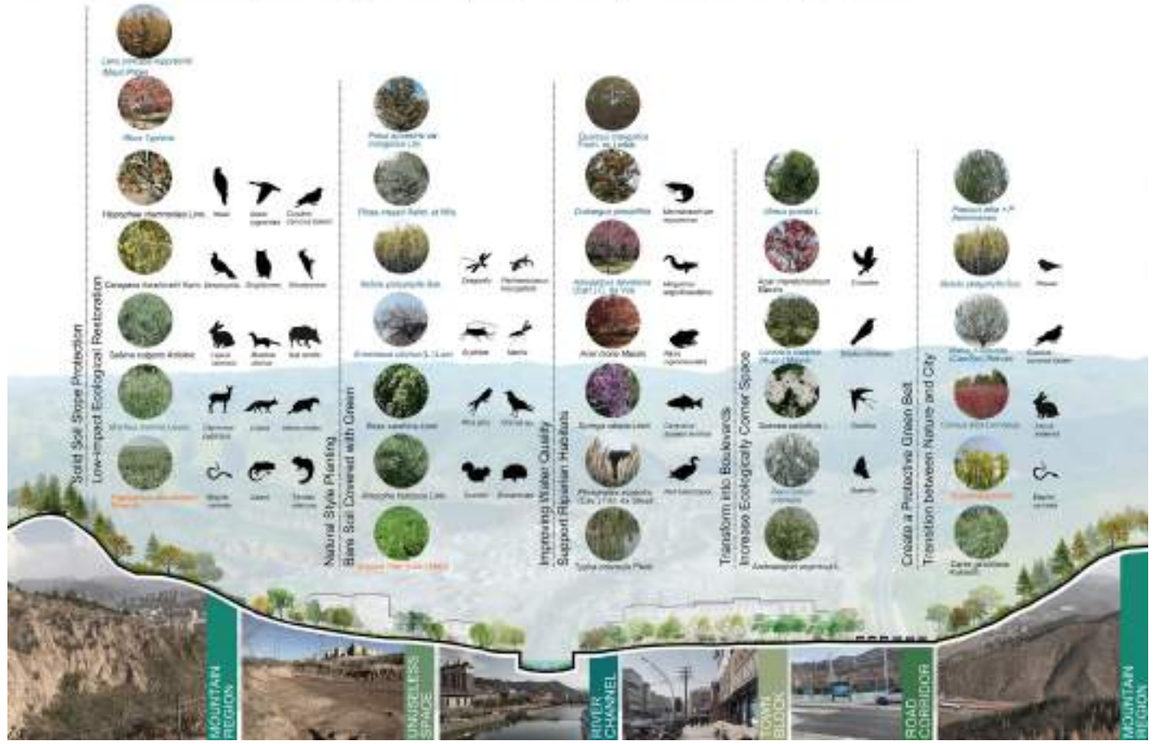
BUILDER:
Beijing Jindu LA Engineering

Award of Excellence

REBIRTH OF THE TOWN: SPACE QUALITY IMPROVEMENT DESIGN OF CHONGLI MAIN URBAN AREA

Zhangjiakou Area: 4,23 sqkm

As one of the main competition venues for the snow sports of the 2022 Winter Olympic Games, Chongli has stepped onto the world stage in a rare historical opportunity, but it is also facing the current problem that the urban style and spatial quality needs to be improved. Based on the regional characteristics and development difficulties of Chongli District, the project integrates the landscape into nature through adaptive design. The design area is about 423 hectares. Introduction of high and new technologies such as 3D printing and solar photovoltaic panels, add 12 hectares of park square, renew 15 hectares of open space, 20 hectares of green-covered bare mountains, and plant more than 20,000 trees. It presents an ecological and friendly living environment, and shows the regional charm and style of Chongli to the world.



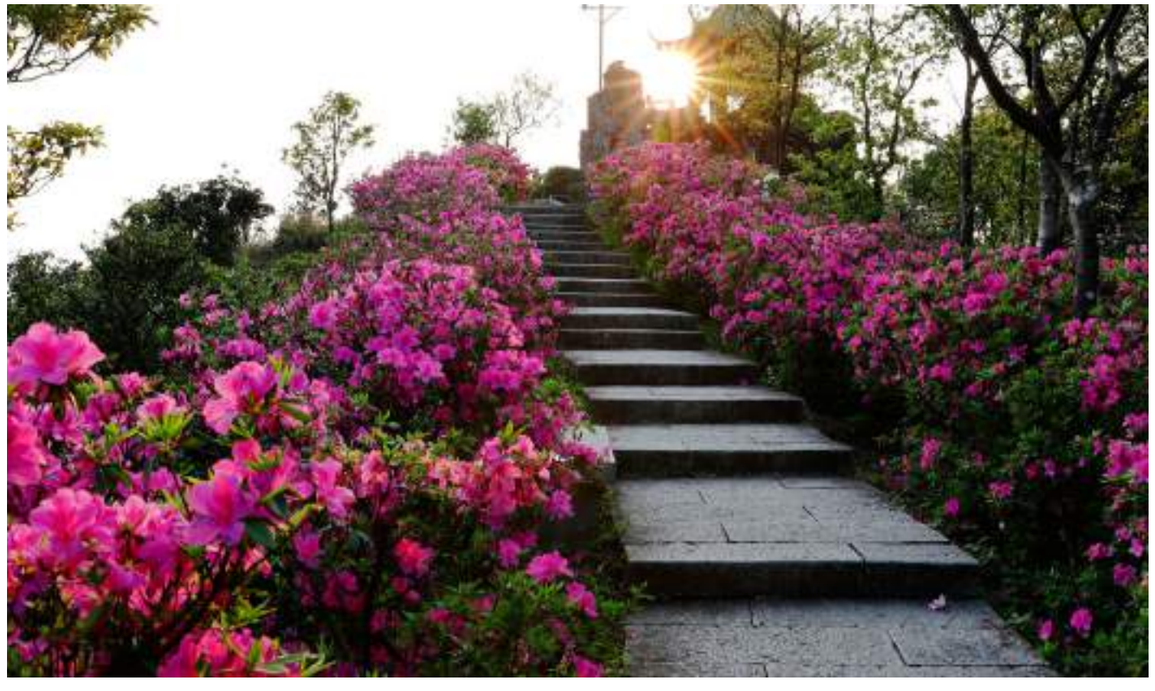
LANDSCAPE ARCHITECT FIRM:
CADG

LA S NAMES WHO WORKED ON THE PROJECT:
Cundong LI, Lu LU, Qing DI, Binying LIU

10-MILE AZALEA FLOWERS LANDSCAPE DESIGN OF WUTONG MOUNTAIN SCENIC AREA SHENZHEN

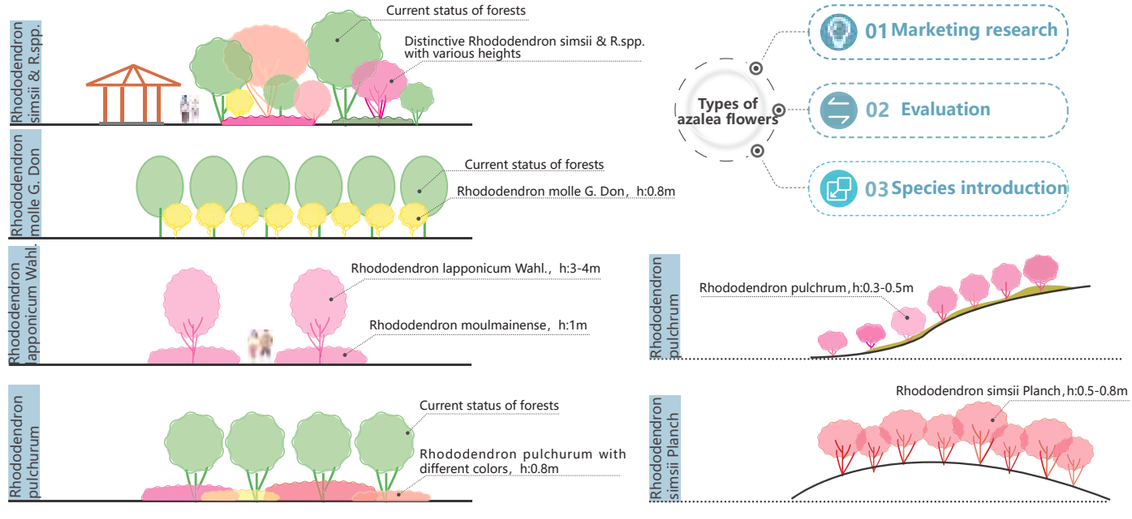
Shenzhen Area: 489,000 sqm

As the only national-level scenic spot in Shenzhen, Wutong Moutain Scenic Area has rich resources of azalea flowers. One of the famous azalea flowers is “Rhododendron moulmainense”, which is the only arbor azalea to be found in the downtown area of a metropolis nearest to the equator and with the lowest altitude across the globe. The design follows the principles of plant ecology based on the current resources of azalea flowers, with the aim of conducting the cultivation, improvement and scientific introduction of new azalea flower species to construct a natural ecological community of an azalea flowers. Designers have been successful in creating a scenery of azalea flower sea with healthy ecological conditions, well-developed structure, excellent functions and distinctive features. The flower sea has now become the most popular flower scenery in Shenzhen.



DESIGNING STRATEGY 3-
CULTIVATING AND IMPROVING SPECIES OF AZALEA FLOWERS TO CREATE DISTINCTIVE SCENERIES OF AZALEA FLOWERS IN THE AREA OF WUTONG MOUNTAIN

We have carefully planned the flower-planting work by cultivating all kinds of azalea flower resources and scientifically introducing new azalea flower species



LANDSCAPE ARCHITECT FIRM:

Shenzhen Wenke Landscape Corp.,Ltd.

CENTRAL XIAOGUISHAN FINANCIAL & CULTURAL PARK

Wuhan Area: 69,071 sqm

Located in Wuhan, the project is an urban regeneration project for the organic upgrading of a disused industrial heritage. The design responds to the issues of historical heritage site, ecological environment and financial positioning of the site, based on maintaining the industrial style and historical texture of the buildings, and transforming the old factory. The overall framework of the landscape is based on “two axes, three hearts and multiple nodes”, forming a financial theme axis and an ecological landscape axis. The project has successfully restored the natural environment of Xiaoguishan Mountain, allowing the once-destroyed mountain park to open up again, innovatively protecting the industrial heritage in the renovation, while bonding the surrounding resources to create the first financial-themed ecological industrial park. The completion and opening of the Xiaoguishan Financial & Cultural Park has gathered and nurtured more than 30 financial, technological and cultural enterprises, becoming a demonstration of regional industrial space upgrading, and a dynamic engine of urban development.

CLIENT:
Langold Real Estate Co.,Ltd.

LANDSCAPE ARCHITECT FIRM:
Metrostudio

LA S NAMES WHO WORKED ON THE PROJECT:
Lyon Tan, Grubby Lee

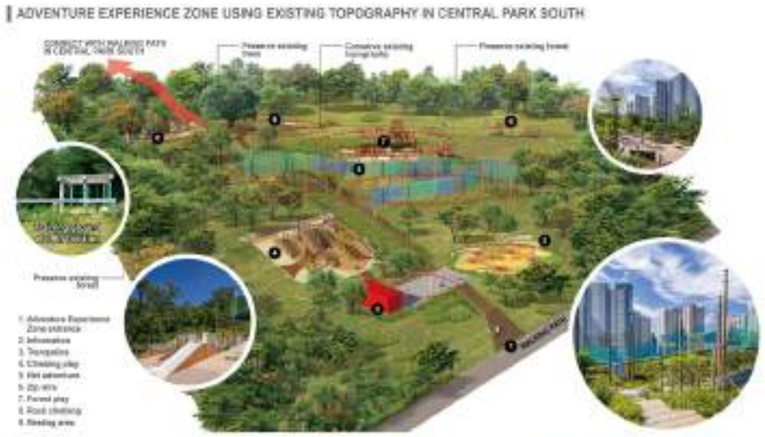
ARCHITECT FIRM:
SHUISHI DESIGN

UNICITY CENTRAL PARK: A GREEN SPINE REVITALIZING THE MILITARY BROWNFIELD

Changwon Area: 195,077 sqm

Unicity central park is an innovative urban revitalization project playing a large part in the success of downtown planning of Changwon. Located In Jung-Dong district, the site was formerly a military base which was found in 1955, just two years after the Korean war. Soon after, the surge of industry was accompanied by rapid population growth and massive urban sprawl in Changwon. The city began to face public failures in managing the unwanted physical consequences of development like the 39th division. Absence of accessibility and fragmented greens contributed to a deteriorating quality of life for residents in nearby brownfield areas.

Opened in 2019, the project serves as a key example for an integrated green infrastructure design, which takes full consideration of the balance between climate-sensitive development and economic viability. Featuring a 850-metre long central park north, central park south, museum, and four residential blocks, the new landscape has employed a strategy of resilience that frameworks the urban fabric, sustains the environment, restores the heritage, and enhances community engagement to revitalize the military brownfield site. Envisioning to become the green spine, the unicity central park further aspires to foreground landscape as essential to enduring and contributing to climate crisis design.



CLIENT:
Taeyoung E&C

LANDSCAPE ARCHITECT FIRM:
Samsung C&T Corp. Resort Group

LA S NAMES WHO WORKED ON THE PROJECT:
Jaehyun Cheon, Soheyung Kim, Seungsu Ha

ARCHITECT FIRM:
aandd architecture and design lab

CIVIL STRUCTURE ENGINEER:
Kunhwa Engineering & Consulting

LANDSCAPE CONTRACTOR:
Samsung C&T Corp. Resort Group

GUANGMING CULTURE AND ARTS CENTER

Shenzhen Area: 37,871sqm

Known as the "Oriental Silicon Valley", Guangming Science City is one of the fastest-growing and the most dynamic areas in the world. Its rapid urban expansion and population growth have brought unprecedented challenges to its natural system and urban environment, resulting in ecological and social issues. Thus, the government urgently needs a new development model to solve these problems. As the pilot project of Science City, Guangming Culture and Arts Center provides an opportunity for exploring a replicable model for future high-density development. Led by landscape architects, a team of owners, architects, scholars, consultants, contractors, and manufacturers has successfully transformed a traditional urban core landscape project into a multifunctional green block which addresses stormwater management, climate regulation, carbon sequestration and social issues. The project now redefines the relationship between the city and its green infrastructure, and expands the boundary of landscape architecture. The Guangming Culture and Arts Center has become not only a popular public open space in a high-density setting, but is Guangming Science City's guiding identity and spirit.

CLIENT:
Shenzhen Guangming Public Works

LANDSCAPE ARCHITECT FIRM:
GVL Design Group

LA S NAMES WHO WORKED ON THE PROJECT:
Jie Luqiu, Tao Peng, Wenjuan Cui

ARCHITECT FIRM:
A+E DESIGN

LANDSCAPE CONTRACTOR:
SINOMACH

LIGHTING DESIGNER:
Wendong Lin

BUILDER:
SINOMACH

COMPANY ORGANISATION:
GVL Design Group

QUARRY GARDENS IN NANNING GARDEN EXPO PARK

Nanning Area: 0,33 sqkm

As a part of the International Garden Expo, these seven quarries are expected to be transformed into distinctive gardens displayed during the event. To cope with this complex project, UAV aerial scanning is adopted to acquire 3D terrain data of the site, while observation and records are executed for hydrological data of stone-pits' water variations. Distinguishing restoration methods and intervention approaches are adopted according to various scale, space structure, and characteristics of these quarries. The towering cliffs, fragmented rocks, bottomless pools, stacked soil, slag stones, and rusty quarrying machinery are all regarded as landscape resources to be integrated into the design, and on the basis of which, space shaping, vegetation restoration, paths and viewpoints position are conceived. Eventually, the quarry gardens not only preserve the site's unique history and characteristics, incorporate the theme of horticulture and landscape art, but also create a rich sensory experience for visitors, showcase inspiring ways to revitalise a derelict mining site, as well as provide a forward-looking demonstration of urban ecological restoration and a reference for sustainability practices.

CLIENT:
Garden Expo Organizing Committee

LANDSCAPE ARCHITECT FIRM:
BFU / Atelier DYJG

LA S NAMES WHO WORKED ON THE PROJECT:
Qing LIN, Xiangrong WANG, Li DONG

CIVIL STRUCTURE ENGINEER:
Liang LI, Shiyang ZHANG, Tong LIU

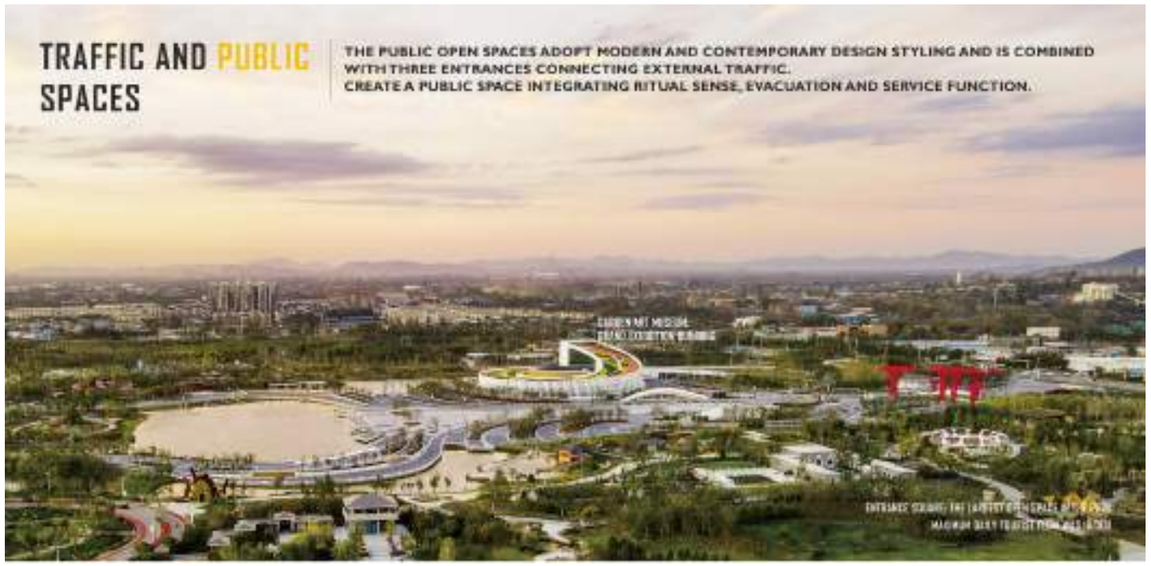
QUANTITY SURVEYOR:
Yang LI, Mingran ZHANG, Rui HUA, Yu HAN, Lu XU, Jiaxin JIN, Zhenzhen ZHAO, Xuan WANG, Hong CHANG, Peiyao HAO, Meixian WANG

LANDSCAPE CONTRACTOR:
Hui LI, Xiaodong ZHENG

LIGHTING DESIGNER:
Qingwei CUI, Xiyue WANG

TANGSHAN GARDEN EXPO PARK: FROM BROWNFIELD TO GREEN OASIS

Tangshan Area: 2,18 sqkm



Tangshan Garden Expo Park is in Kaiping District, Tangshan City, Hebei Province. It covers 2.18 km² area and was completed in 2021. Tangshan is an industrial city with over a hundred-year history. Before its redesign, the site was an industrial wasteland formerly used for coal mining. The geological and geomorphic conditions are complex due to underground goaf, accumulated construction waste, coal mining subsidence, which lie between the downtown area and Kaiping, hindering urban development. The three pillars of ecological restoration, inheritance and innovation, and sustainable development characterised the design. Since 2018, the design team has assisted the local government to successfully create a near natural landscape base and build a stable internal ecological cycle system through land comprehensive utilisation and ecological in-situ restoration. Considering post-expo operation in advance, the exhibition function space and supporting service facilities are designed to inherit the traditional garden art, convey the concept of green environmental protection, and present a grand meeting. Meanwhile, it creates the largest green open space in the city's northeast and enhances the well-being of citizens. It is a demonstration project for the transformation of Tangshan from a resource-based industrial and mining city to an innovative ecological and livable city.

CLIENT:
Kaiping District Government

LANDSCAPE ARCHITECT FIRM:
ZEHO ECO

LA S NAMES WHO WORKED ON THE PROJECT:
Huang Jun,Min Ying,Chen Xiao, Han Chunhui

ARCHITECTURE FIRM:
BCEG, TPADRI

CIVIL STRUCTURE ENGINEER:
Ding Zhiyong,Yan Xiaohui, Shuai Kai

QUANTITY SURVEYOR:
Liu Chenxiao, Qiao Hong, Jia Yulong

LANDSCAPE CONTRACTOR:
CSCEC, ZEHO ECO, CRFG, CREC

LIGHTING DESIGNER:
Li Huan, Zeng Hongzhou, Sun Jiacheng

JINSHAN DISTRICT CHONGSHAN HOT SPRING PARK AND SURROUNDINGS INTEGRATION PLAN

New Taipei City Area: 14712.7 sqm

Jinshan's street landscape as well as public architecture facility lack renewal due to its location facing the ocean and with mountains at the back, making it an enclosed geographic place. Old streets and newly-emerged hot spring industry increase the number of tourists and boost up business over recent years, allowing it to become a major sightseeing place throughout the north coast of Taiwan. However, the arrival of more tourists represents shortages of public space and parking space, devastating ecology. In a view of the transformation of social and economic development, we had an overall review on the urban plan for our action against the issue, wherein we plan to construct a 3D parking lot and a hot spring facility for foot bath, restoring our parks and grasslands back to how they looked like naturally. Additionally, we added gravel facilities to purify polluted streams, improving quality in all environments, making our tourists stay longer to enjoy industries and natural resources in Jinshan District.

Going through all resource conditions and potential to develop Jinshan District, this plan lists out integrated development goals, visions and concepts, which are as follows:

1. Set up 3D parking lot and open air shed to solve the issue of user space shortage.
2. Create theme park with spotlighted site through hot spring fun.
3. Purify polluted streams with water cycling system and create healthy natural environment.
4. Improve urban green covering ratio and green band continuity.

CLIENT:
New Taipei City

LANDSCAPE ARCHITECT FIRM:
Atelier Zo

LANDSCAPE CONTRACTOR:
Feng-chang Construction

BUILDER:
Feng-chang Construction

THE CIFI CENTER PLAZA OF LU'AN

Lu'an Area: 21,000 sqm

This case proposes to create a popular city square under the urban regional development vision of "ecological and happy life". Based on that, this case uses a 50-metre wide (30 metres in the municipal green space, 20 metres within the red line) 30-metre long space, to organically integrate the commercial street, green space and community. It also uses art, fun, colour, and technology to impress citizens and make them become participants in the space, giving life to the site. Eventually, the image of the regional city has been successfully improved, the surrounding popularity has been gathered, and it has won the welcome of the citizens, presenting a public open and vibrant city square.

05. In terms of the function of the site, from the city interface to the community entrance, functional activities of various age groups are interspersed and arranged, and are organized and finally

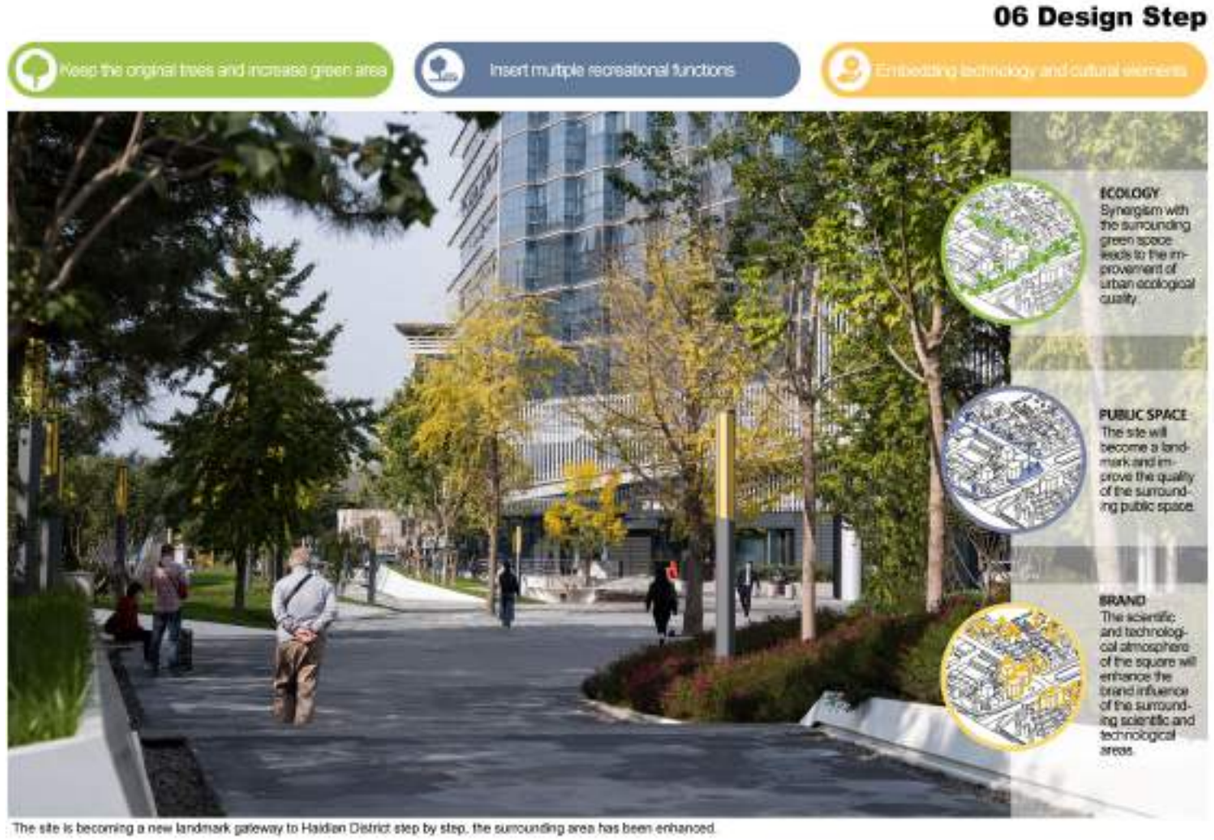
LANDSCAPE ARCHITECT FIRM:
DDON & SLAS HZAU

LA S NAMES WHO WORKED ON THE PROJECT:
Li Jinghui, Li Hai, Zhu Lin

THE WEST GATE DISTRICT OF PEKING UNIVERSITY SOUTHEAST SQUARE UPDATE PROJECT

Beijing Area: 16,000 sqm

As the intersection of Zhong Guan Cun Science Park, Three Mountains and Five Hills area and College Road area, The West Gate District of Peking University Southeast Square now carries the new era attributes of science and technology, ecology and society. It needs to be transformed from a closed parking lot in the past to a future-oriented and inclusive urban public space. The design creatively introduces the concept of "science and technology leading advanced development", and integrates technology, landscape and humanistic elements to shape. In the renovation project, all trees in the site are retained and the green area is expanded to enhance the utilisation of rainwater. Technology is used in several spaces in the square, including outdoor offices, daily rest, and entrance displays, making it a new landmark gateway to Haidian District. It provides a reference for the subsequent upgrading and transformation of the surrounding streets, promotes the positive development of urban renewal, and successfully achieves the construction goal of "a model of new urban form in Beijing".



The site is becoming a new landmark gateway to Haidian District step by step, the surrounding area has been enhanced.

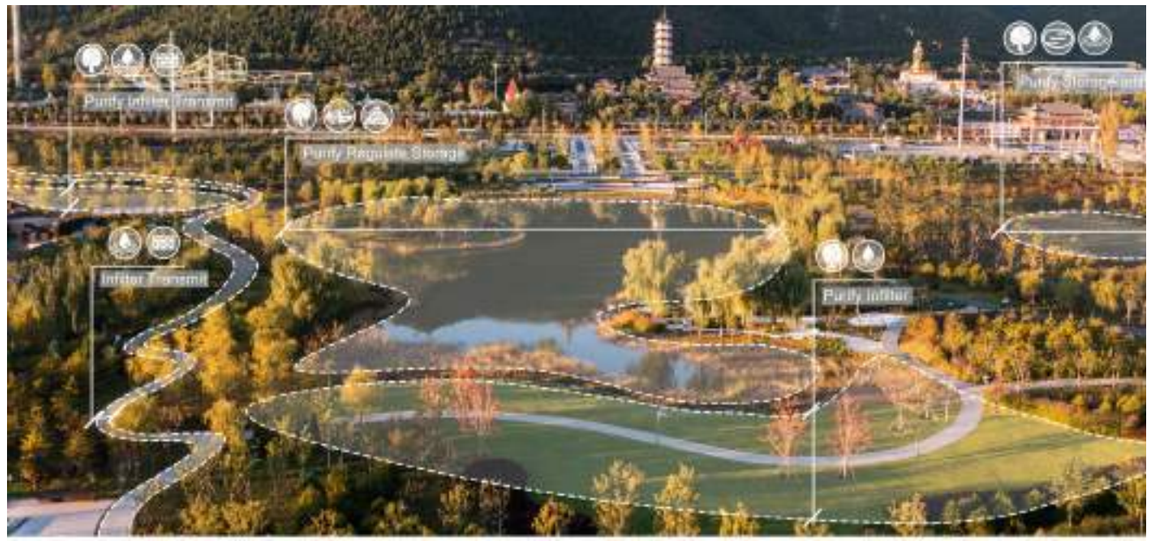
LANDSCAPE ARCHITECT FIRM:
DDON & SLAS, HZAU

LA S NAMES WHO WORKED ON THE PROJECT:
Wu Jingtao, Zhang Haoning,Zou Ning

EXPLORING THE RAINWATER HARVESTING DESIGN IN URBAN FOREST PARKS: A CASE STUDY OF YEXIANTA PARK IN MIYUN, BEIJING

Beijing Area: 107,600,000 sqm

Urban forest park, a type of urban green space with the most significant ecological benefits, has obvious potential to harvest rainwater and alleviate urban water shortages. This project adopts a research by design approach to explore the rainwater harvesting design and selects Beijing's Yexianta Park as a case study. To reconcile drought and flooding issues of the site, low impact development facilities and ecological design of underlying and aquatic plants are used to form an adaptive rainwater harvest system that reinvents the water environment, regenerates the forest ecosystem and reconnects the city with the wilderness. With an area of 45.8 ha, the post-design evaluation results of Yexianta Park show that the annual rainwater harvest system can store 107,600,000 m3 of rainwater, save 107,600,000 m3 of reclaimed water, reduce 120,400,000 m3 of external discharge, and achieve a total economic benefit of 1,967,954,000 Chinese Yuan. Thereby, this project shapes a safe and sustainable waterfront space for the daily recreation of local residents, while providing a valuable exploration of resilient landscape research in urban forest park design.



LANDSCAPE ARCHITECT FIRM:
DDON & SLAS, HZAU

LA S NAMES WHO WORKED ON THE PROJECT:
Zhang Haoning, Wu Jingtao, Zou Ning

THE DOWELL PLAYGROUND DESIGN

Yibin Area: 10,600 sqm

The Dowell Playground has a very geometric landform design sited on a triangular shape block in the city of Yibin, Sichuan Province. The overall corner park introduces LID technology to provide an ecology-friendly space with a diverse series of ramps for bicycles and pedestrians, which are organised in the park as an interconnected sequence which offers recreational space for nearby residents. After completion, it provides social, sports, leisure, and other functions for the surrounding and even further communities, thoroughly stimulates the vitality of the site and becomes the green heart of the nearby community. It is a welcome place to visitors as a recognition of the city, and a celebration of how children could enjoy playing with the uniquely dramatic place.

LANDSCAPE ARCHITECT FIRM:
DDON Planning and Design Co., Ltd.

LA S NAMES WHO WORKED ON THE PROJECT:
Luo Tong, Wang Xiao, Li Jiajie

GREEN INFRASTRUCTURE - XINHAI ECOLOGICAL PARK TAIPEI CITY

Taipei City Area: 18,034 sqm

Transformation of the old gendarmerie barracks into an ecological park
This site contains a detention base that can restore 46,000 tons of water, an activity centre. Moreover, the surface has been reconstructed into a park to provide a comfy and relaxing area for the neighbourhood.

"Green Foundation" as the framework and "Urban Forest" as the theme
Detention base becomes a prominent space in the park as it represents the image of a forest. Not only does it speak for the environmental context but also exemplifies the value of the infrastructure. It is truly the starting point of ecological recovery.

Build an all-you-can-play park
Fun doesn't need to be tied with playground equipment, rather, it can be found everywhere in this multifaceted park.

CLIENT:
Taipei City Government

LANDSCAPE ARCHITECT FIRM:
CNHW Planning & Design Consultants

LANDSCAPE CONTRACTOR:
R. CH. Construction Co. Ltd.

BUILDER:
R. CH. Construction Co. Ltd.

LINKING NATURE AND HEALTH: DONGSHENG CULTURE & SPORTS PARK

Zibo Area: 111,443,82sqm

Dongsheng Culture & Sports Park is located in the High-tech Industrial Development Zone of Zibo City, Shandong Province. It covers an area of about 179 acres, consisting of cultural and sports venues, parks, and a riverscape. Located nearby is the first "sky loop" of Zibo, allowing visitors to walk and ride on a path in the air. The cultural and sports buildings, whose curves follow the site's topography, grow from the park and then integrate with it. Additionally, the park's topography creates functional space for many immersive health activities, which stimulates the surrounding community and raises the effect of public events in Zibo. At the same time, the use of park space is maximised, which brings significant impact to local urban economic development and public image. The Laozi River, formerly of raw, singular functionality, is now fully utilised in the area in the form of multiple waterfront ecological spaces for water purification, scenic vistas, and a sports park with sustainable ecological maintenance.

Dongsheng Culture & Sports Park aims to connect people with community and natural spaces. This 24-hour facility creates a healthy, ecological, and natural living space for the surrounding residents and visitors.

CLIENT:
Shandong Zibo New Sun Group

LANDSCAPE ARCHITECT FIRM:
GVL Design Group

LA S NAMES WHO WORKED ON THE PROJECT:
Da Zhang, Ajie Cai, Kairan Chen

RECOVER BY REGENERATION—A HOLISTIC LANDSCAPE IMPROVEMENT PLANNING AND DESIGN OF JIANGHAN ROAD HISTORIC COMMERCIAL STREET IN WUHAN

Wuhan Area: 120,000 sqm

The landscape improvement planning and design of Jianghan Road is a revitalisation of a famous historic commercial street in Wuhan old town core in Hubei. Jianghan Road has carried the glory of a hundred year commercial prosperity since the opening of Wuhan port in the 1860s. It is known as the "first street" of Wuhan's commercial development. However, over years of development, this street was inevitably faced with some common problems in a traditional commercial district. To solve the current problems comprehensively, we implemented a culture-led integrated transformation approach, in order to preserve the historical context while stimulating the vitality of the district. For the general district improvement, we aimed to inherit the historical character by conserving the historic buildings and representing the cultural landscape of Wuhan old town. As to the streetscape renewal, we focused on bringing the street life back to human interaction and communication. For the detailed key area design, we conducted flexible design to meet different demands and scenes for modern commercial life. With a series of renovation and implementation in planning and design, Jianghan Road has significantly improved and regenerated the economic and cultural vitality in the old town core, which has helped Wuhan accelerate the process of recovering from the COVID 19 pandemic With no doubt, this project has become a successful demonstration of a comprehensive revitalisation approach to historic commercial street.

CLIENT:
Jianghan District Government

LANDSCAPE ARCHITECT FIRM:
CAUPD

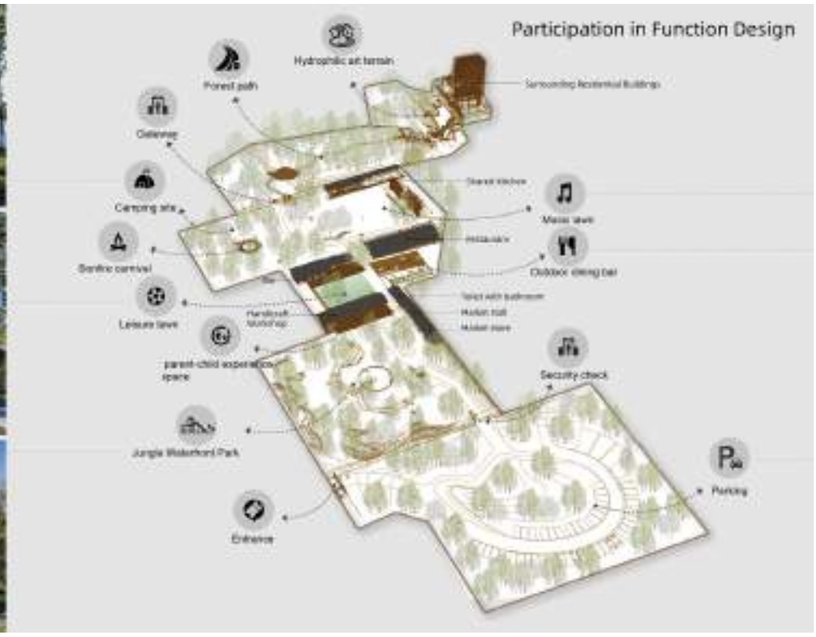
LA S NAMES WHO WORKED ON THE PROJECT:
Baoyi Cui, Fei Gao, Yan Deng, Zhongjie Wang

ARCHITECTURE FIRM:
WAY Design LLC.

BEIJING SUPER MUSIC FARMSTEAD - MIGUAN ROAD, XIWENGZHUANG TOWN, MIYUN DISTRICT, BEIJING

Beijing Area: 36,179 sqm

To increase the viability and the economy of farmstead which is a deteriorated area in rural context of Miyun District, this project has been designed starting from the renovation with the local material and the reuse of an abandoned farmstead which formed as a vacation area for the surrounding community that combines music performances, child interaction, multi-functional buildings and lead music brands into intervene in operation. The design emphasises respect and humble attitude of participation by using the way of participation in the design of natural processes to enhance the sustainable development. As the surroundings of the site are full of natural resources, in order to promote the land value and create a harmonious environment between human and nature, the design group reused the existing plants and vertical conditions to rebuild the multi-functional areas in nature through the way of participation in the design of natural and terrain design. So as to increase citizen engagement and improve the local economy by enhancing the land value this project provides a new idea for urgent need of development in Chinese rural planning.



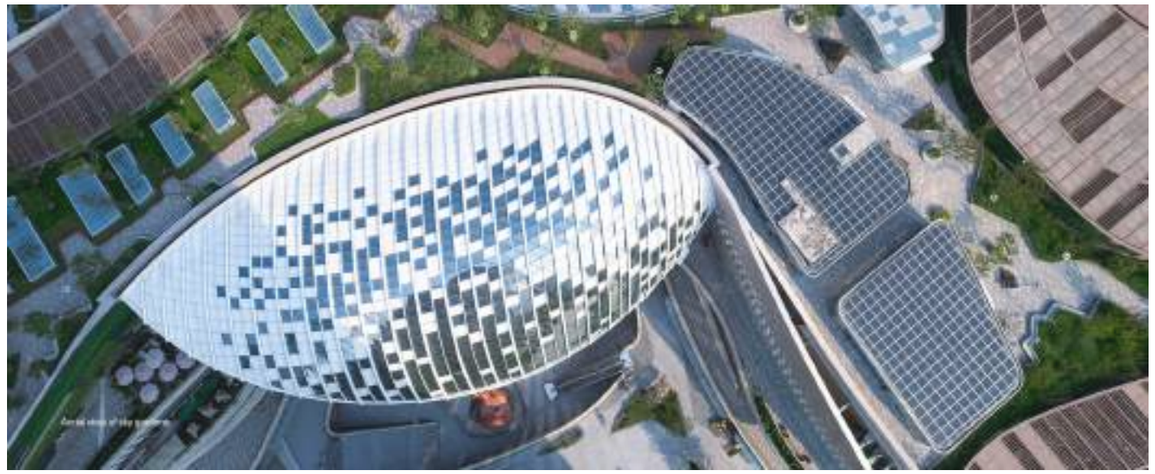
CLIENT:
Beijing YanGo

LANDSCAPE ARCHITECT FIRM:
Shenzhen L&A Design Holding Limited

LA S NAMES WHO WORKED ON THE PROJECT:
Ouyang kongbo, Zhu Mengyao

THE RING

Chongqing Area: 62,863 sqm



The Ring marries a commercial development with a set of generous, biophilic public spaces. In doing so, it regenerates and energises human activity within a degraded urban environment that sorely lacked green open space. By utilising the best elements of commercial and public space, The Ring captures synergistic benefits to improve and repair the condition of its Chongqing neighbourhood. In a city as large and dense as Chongqing, the reinsertion of nature back into urban life requires an imaginative solution. The design makes use of a narrative framework to take visitors on a journey through fantasy and natural wonder.

CLIENT:
Hongkong Land

LANDSCAPE ARCHITECT FIRM:
ASPECT Studios

LA S NAMES WHO WORKED ON THE PROJECT:
S. Buckle, S. Xu, C. Lei, J. Ren, C. Qiu

ARCHITECT FIRM:
PHA

LIGHTING DESIGNER:
BPI Lighting Design

FLOOD CONTROL REGULATION AND ECONOMIC VITALITY IMPROVEMENT PROJECT OF YUZIXI RIVER IN LUZHOU CITY, SICHUAN PROVINCE

Luzhou Area: 866,288 sqm

Flood control regulation and promoting economic vitality project of Yuzixi Streamway, is generally shortened to Yuzixi. Located in the core of high-tech zone in Luzhou City,it covers an area of some 866,667m^2, which is the integration of the whole life cycle of design, construction and operation, and jointly built by the government and investors. River flood control regulation, landscape greening and water ecological restoration construction projects combine with canvass business orders and operation of leisure business, establish a water-greening ecological ecosystem and create a high-quality, eco-green urban living room. But there are some challenges as follows:

(1) How to treat water environment?
(2) How to ensure the flood control safety of surrounding land?
(3) How to stimulate consumption and economic growth?
(4) How to ensure the sustainable operation of the park?

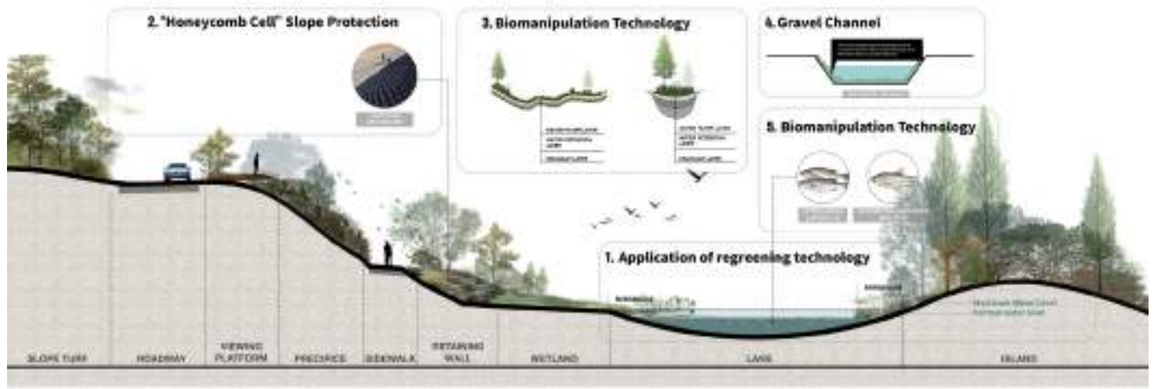
In fact, some difficulties have been overcome. In September 2020, the pavilions, platforms, buildings, corridors,bridges, trees, shrubs and grasses of Yuzixi ecological park are now complete. In August 2021, we implemented the "3 + X" comprehensive operation products of ecological space into Yuzixi's ecological park, as well as new operation content for environmental protection education. Both complex and ecological leisure are the carrier to attract investment, which has become an urban micro vacation destination and has successfully been selected into the list of the first batch of new consumption scenes in Luzhou.

LANDSCAPE ARCHITECT FIRM:
SMEDRIC

REGENERATIVE ECOLOGY: THE RESTORATION OF SHUNXING QUARRY PARK

Guangzhou Area: 38811,38 sqm

The ecological restoration design project of Shunxing Quarry Park is based on the design concept of sustainable ecology. Its aim is to facilitate the harmonious coexistence of man and nature, by adhering to the motto “Clear water and green mountains are gold water and silver mountains”. By respecting and protecting the traces of industry, the landscape restoration of mine pits can be achieved. Safety was a key focus of the project, from both ecological and mechanical perspectives. The Shunxing Quarry Park project writes a new chapter in the development of green mining, and rewarded of being named a “model mining transformation area”. In the long term, it will mature into a comprehensive health tourism resort, and form an ecological closed loop system in which sustainable economic value is created.



CLIENT:
Guangzhou Shunxing Quarry Co., Ltd.

LANDSCAPE ARCHITECT FIRM:
GVL Design Group, SCUT

LA S NAMES WHO WORKED ON THE PROJECT:
Tao Peng, Wenbo Lai, Peng Li

LANDSCAPE CONTRACTOR:
Guangzhou Huahui Engineering

LANDSCAPE DESIGN OF HAIER ROAD IN QINGDAO: URBAN GREEN CORRIDOR AT LOW COST

Qingdao Area: 160,000 sqm

Haier Road, located in Laoshan District of Qingdao, is an important north to south transportation axis in Qingdao’s main urban area with a total length of 6.5 kilometres, and it is the widest avenue to the sea. It was built in the 1990s, mainly focusing on transportation functions. However, it has been continuously developed and occupied by habitable, office and commercial space in the past 30 years, resulting in the lifeless road and smaller living space used by people. Based on the very low degree of construction, maintenance and intervention, the project makes full use of the original space, integrates the roadside vegetation levels, constructs the rainwater management system, and enriches the low carbon transportation.

LANDSCAPE ARCHITECT FIRM:
CCEDRI

LA S NAMES WHO WORKED ON THE PROJECT:
Yixia Wu Yang Pan Haopeng Pan Shuai Yuan

FROM DERELICT MINE TO FOREST PARK — ECOLOGICAL RESTORATION & LANDSCAPE IMPROVEMENT OF MT JIULONG MINE

Wu'an Area: 5,560 sqkm

Mt Jiulong Forest Park, located in the east of Wuhan, Hebei Province, epitomises the vision of reshaping and revitalising abandoned mines. Today, Mt Jiulong has become a famous outdoor life and sports destination. However, decades ago, it was nothing but a derelict mine with bare rocks and debris everywhere and suffered from ecological deterioration. In light of the situation, this restoration and improvement project aims to reproduce green mountains and lucid waters immerse the boundary between man and nature. Meanwhile, to rebuild a sustainable relationship between nature and the city, we want to invigorate Mt. Jiulong as a significant habitat and realise the transformation from ecological restoration to ecological empowerment. As a result, Mt Jiulong has been turned into a forest park featuring environmental restoration, which provides various services for the neighbouring area, including sports, fitness, public science education, tourism, and more.

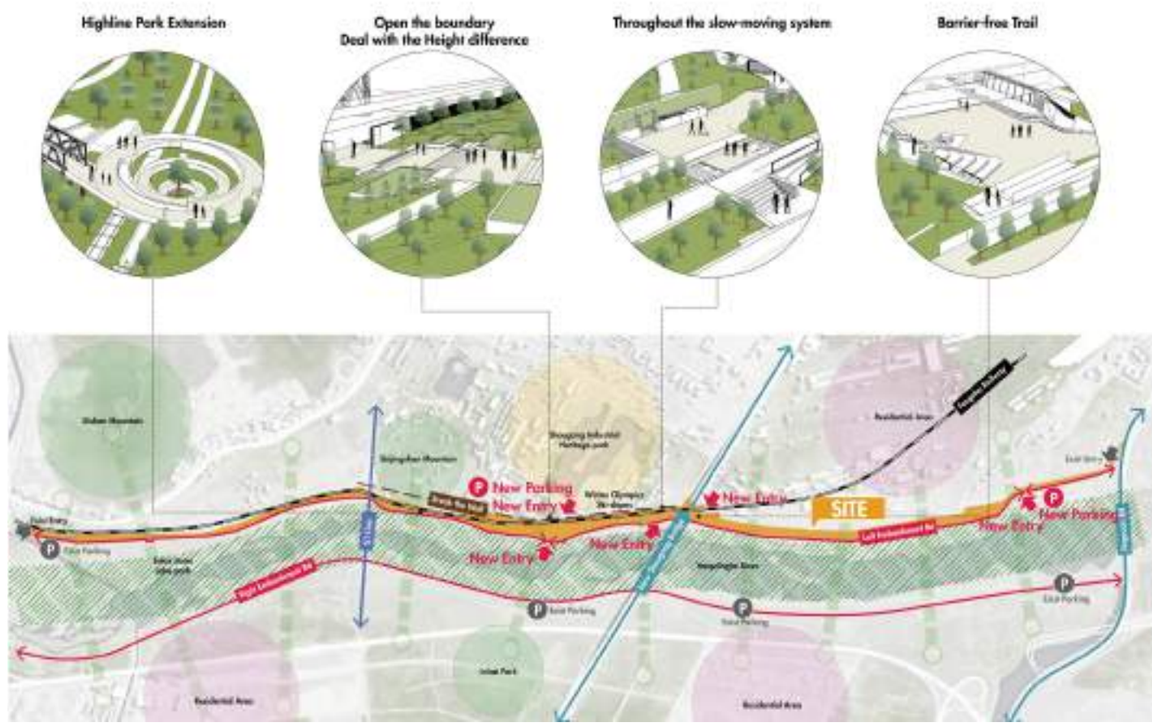
LANDSCAPE ARCHITECT FIRM:
CCEDRI

LA S NAMES WHO WORKED ON THE PROJECT:
Yixia Wu Yang Pan Ning Lv Zhiqiang Guo

DESIGNING SCHEME OF YONGDINGHE LEFT BANK'S PUBLIC SPACE — FROM INDUSTRIAL WASTELAND TO THE BACKYARD OF BEIJING WINTER OLYMPICS

Beijing Area: 308,700 sqm

The 2022 Winter Olympics and Winter Paralympic Games were held in February, Beijing. To ensure the service of the Winter Olympics, protect and utilise its heritage, and maintain the vitality of the venue after the games, Beijing Shijingshan District Government entrusted the design team to design the Beijing Winter Olympics Park. The design utilises the wasteland between the new Shougang Park and the Yongdinghe River and surrounding resources to achieve regional integration and development protects and utilises the industrial and water conservancy facilities in the site to preserve its historical memory and creates an ice themed public space to cater for the need of recreational activities during and after the games. The venue contains an outdoor leisure area with four themes: Fengsha Memory, Dreaming of the Olympics, Activity Gatherings and Winter Enjoyment for kids, which provides a relaxing venue for surrounding citizens while serving the Olympics, thus will exhibit the Olympics and Beijing Xishan Yongdinghe Rivers' culture.



LANDSCAPE ARCHITECT FIRM:
CAUPD

LA S NAMES WHO WORKED ON THE PROJECT:
BinlongShu, HuaLiu, BingyueHan, HaoranMa

LIGHTING DESIGNER:
ChunpingNiu

A PARK CHANGES AN ISLAND CENTRAL PARK, RENOVATES URBAN LIVING ENVIRONMENT — CHAOTOU CENTRAL PARK OF JIANGMEN TALENT ISLAND, GUANGDONG

Jiangmen Area: 146,900 sqm

As the core treasure land of Jiangmen talent Island, Chaotou Central Park, under the planning background of "Green water, Green mountains and the integration of landscape and city", minimally invasive intervention is carried out in the current fish pond to form a slow moving system with interesting path, a sponge system with low cost investment, a popular science education system that can be used as an outdoor classroom and a diverse interactive and safe children's activity system. At the same time, 16 characteristic nodes with poetic and overseas Chinese talent culture are constructed. From design to construction, the whole process of landscape will control every specialty and detail, change an island through a park and change the urban living environment

LANDSCAPE ARCHITECT FIRM:
CADG

LA S NAMES WHO WORKED ON THE PROJECT:
ZHAOWB, YANGCh, DONGLB, YUANZ, SUNPT, SHENN

RECONNECT TO NATURE — RENOVATION OF HANGZHOU CHILDREN'S PARK IN ZHEJIANG

Hangzhou Area: 27,000 sqm

Today, a generation growing up in the environment of electronic products lacks contact with nature in life, leading to increased rates of obesity, attention disorders, and depression. This project aims to invite children to reconnect to nature, it fully retains and utilises the existing original mountain forests and spring water resources for low-cost and micro-renovation transformation, turning the site's rugged terrain disadvantage into an advantage, and making the journey itself an interesting nature path of exploration. In the post-epidemic era, this project is more popular and lively among children and parents.

CLIENT:
Hangzhou Children's Park Committee

LANDSCAPE ARCHITECT FIRM:
China Academy of Art CAALADICO.,Ltd

LA S NAMES WHO WORKED ON THE PROJECT:
Shixian Shen, Yang He, Fang Fang, Rui Li

FLOOD AND WATER MANAGEMENT

REVIVING LAKESHORE: ADOPTION OF SMALL AND MICRO WETLANDS TO SUPPORT BIODIVERSITY & HUMAN LIVELIHOODS IN THE SHUANGGUI LAKE

Chongqing Area: 728,900 sqm

The shore of Shuanggui Lake in Liangping District, Chongqing, is the interface between the lake and urban areas. Previously, the rapid urbanisation in Liangping resulted in prominent conflicts between humans and the Shuanggui Lake. For instance, the west bank of the Shuanggui Lake was originally covered by degraded vegetation and low-yield arable land, while the waterbody was seriously contaminated due to the non-point source pollution and intensive aquaculture. To cope with the adverse environment and declined biodiversity, we introduced small and micro wetlands including ponds, terrace ponds, seep wetlands, depressions, ditches, bioswales, forest marsh, vernal pool, etc., to optimise the lakeshore ecosystem. Learn from traditional ecological knowledge (e.g., agroforestry systems, terraced agricultural fields, etc.) to design small and micro wetlands, and build a forest-grass-wetland complex in the lakeshore. As a result, the restored lakeshore has become a sustainable public space with high-value ecosystem services. At present, the urban citizens live in harmony with the flourishing life promoted by the lakeshore small wetland networks. Liangping city was therefore nominated by the Chinese government as an "International Wetland city" in 2020, and its small and micro wetland construction of the lakeshore was highly praised by Ramsar Convention Secretariat.

CLIENT:
Liangping Wetland Protection Center

LANDSCAPE ARCHITECT FIRM:
Chongqing University

LA S NAMES WHO WORKED ON THE PROJECT:
Jia Yuan, Xingzhong Yuan, Lingfeng Xiang

CIVIL STRUCTURE ENGINEER:
Min Hu, Xinshun Cai

LANDSCAPE CONTRACTOR:
Qianzhou Ecological Engineering Ltd

BUILDER:
Shikang Chen, Hong Tang, Qiuhua Xu

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Xianhui Zhou, Qingwen Pan, Weizhou Xia, Jianhao Wu, Rongshou Lin, Yiyu Chen

COMPANY ORGANISATION:
GVL Design Group

Outstanding Award

FROM HUNDRED - PLANT GARDEN TO THREE- FLAVOR SCHOOL

Ruzhou Area: 4,52 sqkm

Rich mineral resources brought considerable wealth to Ruzhou, this small inland city. Nevertheless, the overexploitation soon destroyed the regional ecosystem and brought a series of issues that disturbed urban development:

- Issue 1: The eastern part of the city suffers from soil erosion caused by the southward drainage of rainwater from the mountains;
- Issue 2: Over-exploitation has led to the continuous decreasing of the region's groundwater, the drying up of pre-existing riverbeds and a strain on irrigation water sources for farmland in the urban periphery;
- Issue 3: Mineral extraction with inadequate protection measures, resulting in significant declining in the regional air quality;
- Issue 4: Municipal sewage was directly discharged into the North Ru River, causing hundreds of kilometres of watershed pollution;
- Issue 5: Under the triple pressure of state restrictions on mining, the mineral depletion and the environmental degradation, Ruzhou City has to face the issue of the development transformation.

As Ruzhou City's development was affected by the environmental degradation, the government imposed strict regulations on mining and municipal sewage discharge, with the long-term goal of "the transformation from a resource city to a tourist city".

The "The Water System Connection Project" was considered as the beginning of goal realisation, for which the landscape design team was commissioned to plan and design this project.

The core of the project includes Ruzhou Central Park of 2.76 km2 (in the east of the city) and Ruzhou Riverside Park of 1.76 km2 (in the south of the city). The area of the two parks (4.52 km2) accounts for about one third of the total area of the built-up area of Ruzhou City in 2015, which showed the government's firm determination to solve urban issues and turn to green development.

DESIGN STRATEGIES

To respond to the five issues outlined previously, we propose the following six strategies:

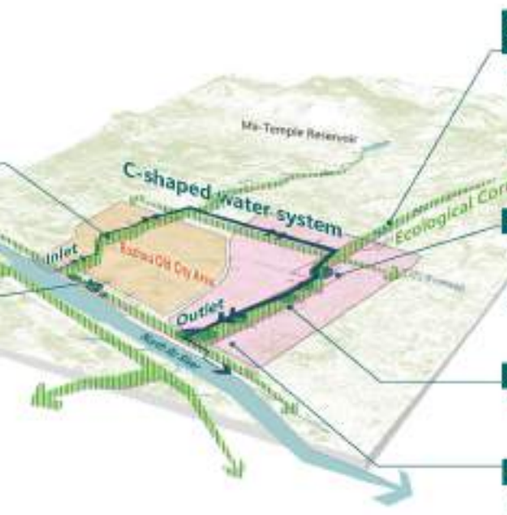
Legend

STRATEGY 1. FORM A C-SHAPED RIVER SYSTEM

- a C-shaped river connecting the swamps, ponds, discontinuous irrigation canals and ditches;
- building the old and new city areas to develop eastward and southward.

STRATEGY 4. LOW IMPACT DEVELOPMENT

- Preserve the existing forests, meadow and wetlands, keep certain areas for animal;
- The reuse of river pebbles and the red bricks left over from the demolition.
- Provide shared bicycles and charging and other facilities for visitors in the park



STRATEGY 2. WATER PURIFICATION THROUGH ECOLOGICAL METHODS

- Capture stormwater and surface runoff.
- Water purification through submerged aquatic vegetation
- Returning purified water to the North Ru River.

STRATEGY 3. ENRICHING BIODIVERSITY

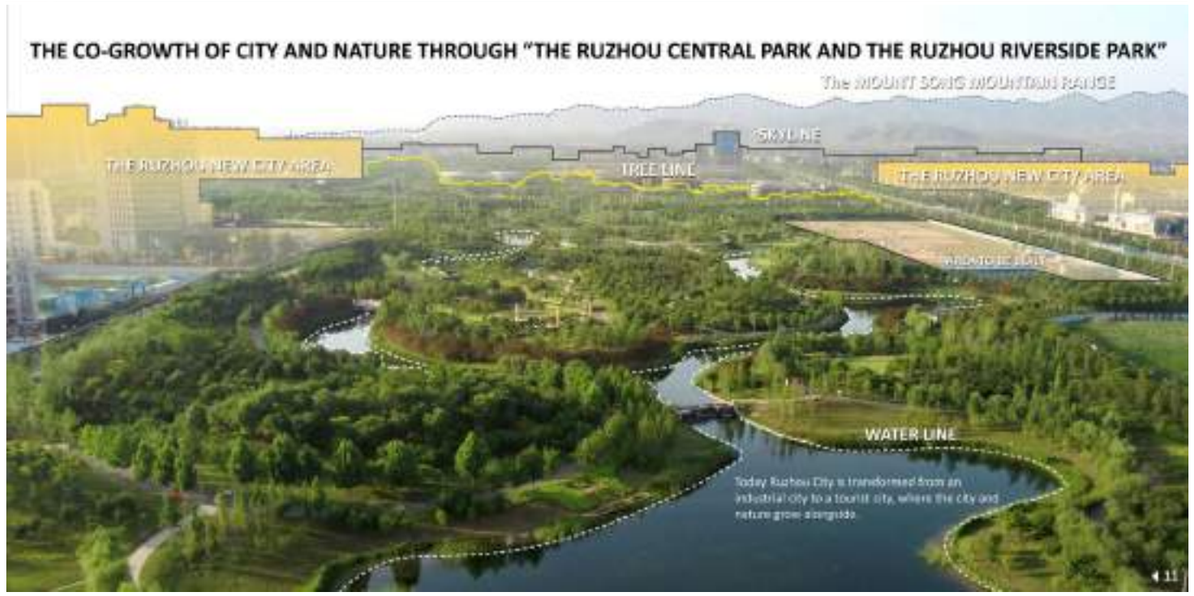
- Building biological corridors by connecting the city with the mountains to the north and the river to the south, introducing mountain and river ecosystems into the cities.
- Construction of diverse habitats.
- Building a stable ecological food chain.

STRATEGY 5. ALL-AGES FRIENDLY DESIGN

- Providing all-ages friendly venues and facilities.

STRATEGY 6. CULTURE REVIVAL

- Integrating regional culture into park design.



CLIENT:
Henan Water Conservancy Investment

LANDSCAPE ARCHITECT FIRM:
Beijing BLDJ LA

LA S NAMES WHO WORKED ON THE PROJECT:
KONGXK JIANGYUE GUOQE WANGM ZHANGH FANWX

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
WLSP, WTDSI, PDAD

COMPANY ORGANISATION:
China Academy of Urban Planning and Design

Award of Excellence

BOSJES WINE ESTATE, WORKING ECOLOGY INTO THE CULTURAL LANDSCAPE

Worcester Area: 200,000 sqm

The latest expansion of Bosjes Wine Estate is one that sets the benchmark for future-proofing cultural and agricultural landscapes in the Cape Winelands district of South Africa. Our concept of "Working ecology into the cultural landscape," explores the connection to 'Place' as we tell the tale of cultural heritage, the tradition of living off the land, and turning it into something accessible and enjoyable. The landscaped gardens are spread across three sloping terraces, connected by a curving pathway that provides universal access while creating a visual link between the woodland landscape, forested play areas, spacious lawns and conservation garden planted with critically endangered renosterveld. An integrated water management systems design references the historic farm systems in the valley with recreational streams, channels, weirs and dams to ensure future resilience. This project is a successful example demonstrating how derelict farmland can be regenerated to celebrate our natural and cultural heritage.

LANDSCAPE ARCHITECT FIRM:
Square One Landscape Architects

LA S NAMES WHO WORKED ON THE PROJECT:
Mark Saint Pol

ARCHITECTURE FIRM:
Steyn Studio, Meyer & Associates

CIVIL STRUCTURE ENGINEER:
Grobler & Associates

QUANTITY SURVEYOR:
2ii Consulting

LANDSCAPE CONTRACTOR:
Vula Environmental Services

BUILDER:
GVK-Siya Zama Building Contractors

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
GVK-Siya Zama Building Contractors

COMPANY ORGANISATION:
Samsung C&T Corporation, Resort Division, Landscape Business

Award of Excellence

WILD AND SCENIC DRAWDOWN ZONE DESIGNATION: OPERATIONALISING RESILIENT DESIGN TO ADAPTING HYDRO-FLUCTUATION IN THE THREE GORGES RESERVOIR

Chongqing Area: 178,300 sqm

Influenced by the complex impacts of the operation of the Three Gorges Reservoir (TGR) and the construction of regulating dam, Kaizhou District of Chongqing has formed large-scale drawdown zones along the Hanfeng Lake. These drawdown zones undergo annually cyclic exposure (water level 170.28m) from April to September and submersion (water level 175m) from October to March the following year. The hydrofluctuation causes serious deterioration of vegetation and wildlife habitats, while the drawdown zones accumulate a great load of pollutants. We carried out ecological restoration in the drawdown zone located at Wuyangba on the north bank of Hanfeng Lake, carefully selected suitable plants adapting to the water-level changes and conducted in-situ trials, put forward a variety of naturalistic configuration patterns of plant communities as well as the coupling design of elevation, topography, substrate and plants to create highly heterogeneous habitats for promoting biodiversity. At present, the Wuyangba drawdown zone has become a beautiful and serene waterfront space and breeding ground attracting a large number of waterfowl and migratory bird populations and is recognised as the best practice of drawdown zone of the urban reservoir.

CLIENT:
Kaizhou Nature Reserve Center

LANDSCAPE ARCHITECT FIRM:
Chongqing University

LA S NAMES WHO WORKED ON THE PROJECT:
Jia Yuan, Xingzhong Yuan, Zuhui Li

ARCHITECTURE FIRM:
Suzhou Landscape Design Co., Ltd.

CIVIL STRUCTURE ENGINEER:
Zhu Hongsong, Zhou Kai, Yang Wei

QUANTITY SURVEYOR:
Yang Wenjuan, Ding Mingji, Song Xiaoyan,Zhu Yueling,Zhuang Mingting, Huang Qian

LANDSCAPE CONTRACTOR:
Suzhou Garden Development Co., Ltd.

BUILDER:
Suzhou Shihu Lake Management Office

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
XinSong, WeiguoXu, ZhaochenWang, YangXu, MingfengSun, LejunWang, KaiZhao

COMPANY ORGANISATION:
China Academy of Urban Planning and Design

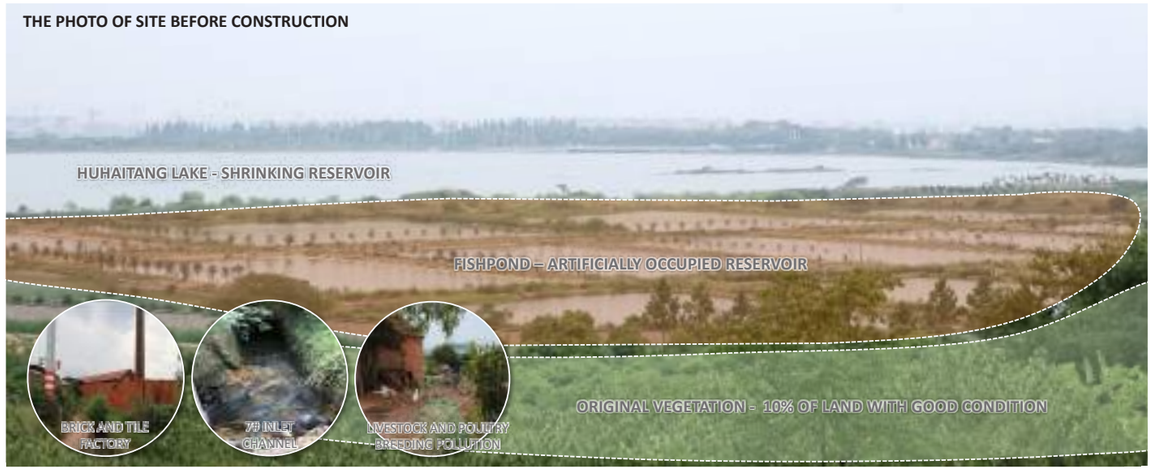
Award of Excellence

LANDSCAPE DESIGN OF HUHAITANG PARK IN JINHUA CITY

Jinhua Area: 2,780,000 sqm

Due to seasonal climate, the lower reaches of the Yangtze River in East Asia are vulnerable to rainstorms. However, the Huhaitang park in Jinhua City has restored the previously occupied reservoir and becomes the critical green infrastructure to help the city confront with the climate crisis. Affected by the expansion of animal husbandry and the direct discharge of sewage, the reservoir, which is over 1,000 years-old, shrunk sharply and the water body was seriously polluted. With the intervention of landscape, the polluted reservoir has been creatively transformed into the Central Park in the new urban area. The near natural water environment solution initiated by landscape architects comprehensively solves the problems of water pollution, wetland artificial encroachment and ecological degradation, which plays a critical role in enhancing regional resilience. This "giant sponge", which can store more than 2 million cubic meters of water, reduces the nearby flooding risks. The reservoir park has been protecting urban safety by water resilience, just as the ancient reservoir had maintained the safety of agricultural production for a thousand years.

SITE CHARACTER



RE-ESTABLISHMENT OF WATER ECOLOGICAL SELF PURIFICATION SYSTEM

SOLUTION OF NEAR NATURAL WATER ENVIRONMENT

CLIENT:
Jinhua Bureau of Natural Resources

LANDSCAPE ARCHITECT FIRM:
Tsinghua Tongheng Institute

LA S NAMES WHO WORKED ON THE PROJECT:
Wang Xiaoyang, Chen Qian, Zhou Xiaonan

LANDSCAPE CONTRACTOR:
HUILV LANDSCAPE INSTITUTE

COMPANY ORGANISATION:
China Architecture Design & Research Group (CADG)

Award of Excellence

BAI YUN LAKE WATER CONSERVANCY PARK - INTEGRATED WATER SYSTEM REGULATION AND ECOLOGICAL LANDSCAPE OF NORTHERN GUANGZHOU CITY

Guangzhou Area: 2,070,000 sqm

The overall planning and landscape construction of Bai Yun Lake make achievements of being the significant ecological greenery water conservancy project, which has improved the climate and environment for the northern Guangzhou city. In 2015, the project has been rated as the national water conservation scenic spots, for its sustainable capacity of sewage treatment, water intake, storage, delivery, retaining and buffering, etc.

As one of the nineteen ecological corridors for migratory birds within the regions of Guangdong Province-Hongkong-Macao Greater Bay Linkage, the project takes great efforts on enhancing aquatic environment, increasing plantings of hydrophytes, and partially open to the public to visit, which reduces the human intervention and influence on the islands. Moreover, our design set aside belts of strips of ecological conservation areas to provide continuous safe activities, breeding and inhabitation space for waterbirds.

Our design is committed to restore wetlands, repair ecology, purify water context, sustain water culture for surrounding communities, and activate cultural tourism, by connecting multiple ecological landscape nodes in series, which features four kinds of promenade system. They are promenades for walking, jogging, cycling and hydrophilic experience. Those efforts provide visitors with immersive tour, and promotes the significance of environmental protection and water conservation.

CLIENT:
Management Office of Baiyun Lake

LANDSCAPE ARCHITECT FIRM:
GZLI

LA S NAMES WHO WORKED ON THE PROJECT:
Qing Li, Wenjun Zhong, Guangcheng Chen

CIVIL STRUCTURE ENGINEER:
Huaxu Chen,Zehua Li

QUANTITY SURVEYOR:
Xueyi Li

LIGHTING DESIGNER:
Bisong Liu,Zhiwei Liu, Jiahuan Luo

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Ran FENG, Yunlu ZHANG, Yalin SUN, Yitong LIU, Xiaoyu WEI, Jingrui BAI, Xiaoyi HUANG

COMPANY ORGANISATION:
China Architecture Design & Research Group (CADG)

Award of Excellence

SUZHOU SHIHU LAKE ECOLOGICAL PARK

Suzhou Area: 9,97 sqkm

The Suzhou Shihu Lake Ecological Park is located between Suzhou city and the Taihu Lake, which is the regulation and water storage hub of the Beijing-Hangzhou Grand Canal and the Taihu Lake inlet, and is also an important lake in the southern part of the city. It serves multiple purposes including flood control, water supply and storage, landscaping, ecological maintenance and fishery. This project uses rain-flood ecological management, ecological water purification, systematic ecological layout construction as well as water-friendly adaptive landscape design strategies to transform the lake shore that was once waterlogged frequently and occupied by urban villages into ecological park favoured by citizens. The design practices the low impact development to achieve the maximum comprehensive benefits, providing valuable experience for water ecological restoration and return of lakes to urban life.

CLIENT:
Suzhou Garden and Landscape Bureau

LANDSCAPE ARCHITECT FIRM:
Suzhou Landscape Design Co.,Ltd.

LA S NAMES WHO WORKED ON THE PROJECT:
He Fengchun,Zhu Hongsong, Yu Jun, Lin Lin

ARCHITECTURE FIRM:
Suzhou Landscape Design Co., Ltd.

CIVIL STRUCTURE ENGINEER:
Zhu Hongsong, Zhou Kai, Yang Wei

QUANTITY SURVEYOR:
Yang Wenjuan, Ding Mingji, Song Xiaoyan,Zhu Yueling,Zhuang Mingting, Huang Qian

LANDSCAPE CONTRACTOR:
Suzhou Garden Development Co., Ltd.

BUILDER:
Suzhou Shihu Lake Management Office

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Cao Guangshu, Shao Lei, Han Libo, Zhang Yajun, Zhao Jun, Qian Yucheng, WHITRAP Suzou

COMPANY ORGANISATION:
Suzhou Gardens and Landscaping Administrative Bureau

Award of Excellence

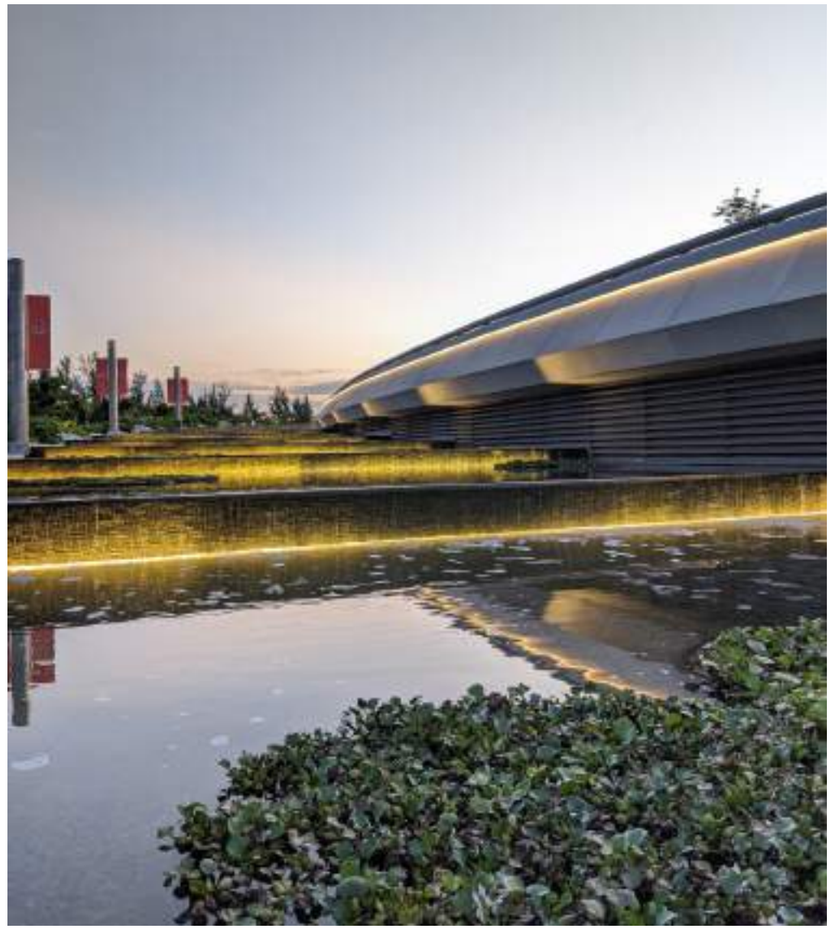
MARINA EAST DESALINATION PLANT

Singapore Area: 45,300 sqm

Singapore's fourth desalination plant, the Marina East Desalination Plant (MEDP) was conceptualised through careful understanding of the existing site context. The Park Connector Network (PCN), Singapore's green linkage corridor and active pathway linking major parks and communities around the island, informed the architecture's oval shape. Sinking the building into the ground by seven metres minimised the bulk of its size (two and one-half football pitches) and transformed the building's rooftop into an easily accessed garden and park.

Water Sensitive Urban Design (WSUD) strategies were blended into the design of the building's architecture for rainwater run-off to be captured in rooftop perimeter gardens. Channeled into water features as cascades and reflecting ponds, water is harvested into retention ponds, cleansed, treated and recycled for use.

As a significant infrastructural building of national importance for Singapore, the MEDP was planned as part of PUB's, NPark's and URA's continuing quest for greening the city. The infusion of a green environment and making the MEDP a part of the PCN green linkage corridor was part of that strategy. Despite its considerable size, the MEDP blends into its site as an important and sustainable, nature-based solution where the landscape is fully integrated into the architecture.



CLIENT:
Public Utilities Board (PUB)

LANDSCAPE ARCHITECT FIRM:
Tierra Design (S) Pte Ltd

LA S NAMES WHO WORKED ON THE PROJECT:
Franklin Po, Leong Tattman, Aditi Gupta

ARCHITECTURE FIRM:
Tierra Design Studio

CIVIL STRUCTURE ENGINEER:
Mott MacDonald

LANDSCAPE CONTRACTOR:
Nature Landscape Pte Ltd

LIGHTING DESIGNER:
Incube Pte Ltd

BUILDER:
Keppel Seghers Pte Ltd

OTHER CONSULTANTS / IMPLEMENTORS / CONTRIBUTORS:
Koh Brothers Pte Ltd. ADDP Architects LLP, Coen Design International Pte Ltd

COMPANY ORGANISATION:
Koh Brothers Pte Ltd. ADDP Architects LLP, Coen Design International Pte Ltd

QIANHAI PERFORMING ARTS PARK: GROWING TOGETHER WITH NEW DEVELOPMENT ZONE IN THE HIGH-DENSITY COASTAL CITY

Shenzhen Area: 140,000 sqm

The Performing Arts Park is located in the booming Guiwan Area of Qianhai in Shenzhen, and is adjacent to the future financial center. At a time when vigorous development of Qianhai was to be well underway, this project was launched to meet the urgent need for upgrading and transforming the overall public space of the Guiwan Area. From an advanced perspective, the design team presented superior and atmospheric landscaping of artificial wetlands, concave green spaces and other sponge city facilities through constructing exquisite terrain undulations and balancing the earthworks. They built seaside venues that allow extensive free activities, thereby creating a large-scale urban recreational place that matches the growing Guiwan Area of Qianhai, the emerging top financial and commercial centre. The design team adopted technologies such as soil improvement and water quality improvement to activate the ecological base of the site, and turned the original land, which was seriously salinised and urgently needed improved soil quality, into a breathable ecological green park with rich plants and vitality. The park can adapt to the rainy weather in Shenzhen and prevent flooding and saline-alkali erosion. It has become an excellent demonstration of sponge city construction in the new development area and a demonstration development park in the Guangdong-Hong Kong-Macao Greater Bay Area.

CLIENT:
Qianhai Investment Holding

LANDSCAPE ARCHITECT FIRM:
Shenzhen Hope Design Co.,Ltd.

LA S NAMES WHO WORKED ON THE PROJECT:
Chen Youru, Qin Cao, Wan Hao

ARCHITECTURE FIRM:
Shenzhen Hope Design Co.,Ltd.

CIVIL STRUCTURE ENGINEER:
Shenzhen Hope Design Co.,Ltd.

QUANTITY SURVEYOR:
Shenzhen Wenke Landscape Co., Ltd.

LANDSCAPE CONTRACTOR:
Shenzhen Wenke Landscape Co., Ltd.

LIGHTING DESIGNER:
Shenzhen Hope Design Co.,Ltd.

BUILDER:
Qianhai Investment Holding

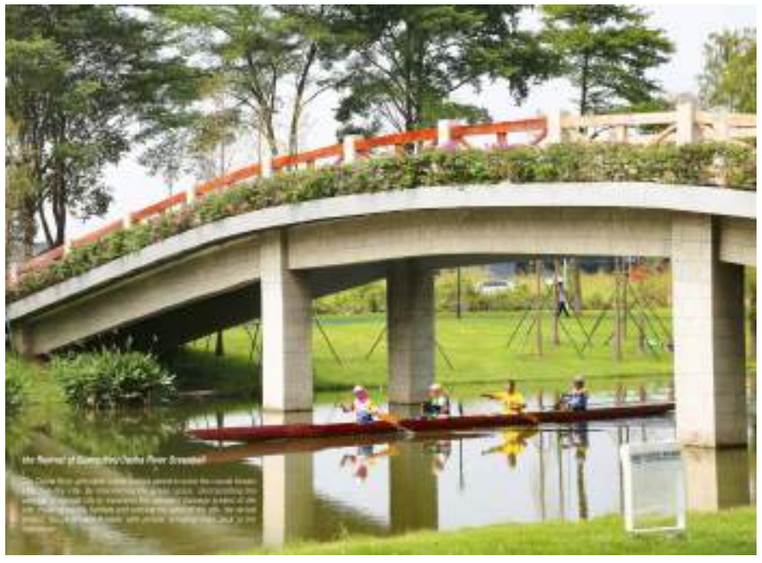
OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORSR:
Xuewei ZHANG, Yue WANG, Heng LI, Li TAN, Yusheng ZHANG, Yuan MAN, Wen LI, Hongjuan DU

COMPANY ORGANISATION:
Beijing Forestry University, Atelier DYJG

THE REVIVAL OF GUANGZHOU DASHA RIVER GREENBELT

Guangzhou Area: 120,000 sqm

The Dasha River greenbelt is located in Guangzhou. The site was originally a decayed, polluted silted wetland faced with frequent storm flooding threats. Through strategies such as expanding ecological space, strengthening stormwater management, enriching biodiversity and revitalising site culture, the renovation project has created a rainwater-friendly and sustainable waterway. The length of the Dasha River is 1.1km, integrating a total renovation area of 120,000m2. Adopting multiple implementation strategies, the Dasha River revival project has perfectly infused rainwater management facilities into an urban waterfront public green space. Based on satisfying the function of flood discharge and drainage of the river, the ecological environment and waterfront landscape have been greatly improved, which has a positive impact on the ecological structure of the entire region. Meanwhile, the quality landscape has brought the river closer to people and revitalised the traditional culture as well. Led by landscape architects, with the help of botanists, water conservancy experts and ornithologists, as an outcome of multidisciplinary integration, the Dasha River has now become an ideal destination for a waterfront sightseeing experience.



CLIENT:
Water Bureau Of Liwan ,Guangzhou

LANDSCAPE ARCHITECT FIRM:
GZLI

LA S NAMES WHO WORKED ON THE PROJECT:
Fan Du,Qing Li, Zehua Li, Juelei Zhang

CIVIL STRUCTURE ENGINEER:
Yu Huang

QUANTITY SURVEYOR:
Xueyi Li,Siting Liang

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Xiaofeng Yang, Yue Yu, Xuejun Yu, Yari Jin, Qinmeng Yu, Kongshan Wang, Sisi Wang

COMPANY ORGANISATION:
China Academy of Art, The Design Institute of Landscape &Architecture CAA CO.,Ltd.

LIVING WITH WATER FOR 6,000 YEARS: SHANGHAI QINGPU LOOP WATERSIDE PARK

Shanghai Area: 1,485,000 sqm

In this project, landscape designers wore many different hats. Their diverse roles included urban designers, planned land-use adjusters, and information sources for the public and the government. Public and government understanding of the project was critical to the successful cooperation of all parties. Loop Waterside Park emphasises connectivity and communication in the spirit of sharing and equity. Planning has balanced preservation and development and revitalised Qingpu's historical legacy. Circling the urban core, the park will grow into a contemporary paradigm of the warmth and memories of a traditional Chinese water town.

CLIENT:
SQNCD

LANDSCAPE ARCHITECT FIRM:
Arcplus-sxadl

LA S NAMES WHO WORKED ON THE PROJECT:
Hao Shi, Min Chen, Chao Yu, Fengjuan Tang

QUANTITY SURVEYOR:
Fengdan Zhu

LIGHTING DESIGNER:
Bin Wang, Jing Ji

COMPANY ORGANISATION:
Taiwan Institute of Landscape Architects

GAOCHUN GUCHENG LAKE INTERNATIONAL RESORT

Nanjing Area: 3 sqkm

Gaochun (Nanjing) is covered with lakes and ponds, accounting for about one third of the total area of Gaochun. Gucheng Lake has been farming crabs since the 1990s. Now it has become the first national Yangtse River system Chinese mitten crab breeding ground. Gaochun Gucheng Lake International Resort is located at Yongsheng Polder on the west side of Gucheng Lake. The project is located at the intersection of Gucheng Lake and Hengxi River Ecological Corridor. The site, which covers an area of about 300 hectares, is a typical polder that lacks effective zoning and pollution control.

LANDSCAPE ARCHITECT FIRM:
NJ Landscape Design And Planning

LA S NAMES WHO WORKED ON THE PROJECT:
Cheng Jun, Jiang Congmei, Li Ping

COMPANY ORGANISATION:
Taiwan Institute of Landscape Architects

EXPLORING THE RAINWATER HARVESTING DESIGN IN URBAN FOREST PARKS: A CASE STUDY OF YEXIANTA PARK IN MIYUN, BEIJING

Beijing Area: 107,600,000 sqm

Urban forest park, a type of urban green space with the most significant ecological benefits, has obvious potential to harvest rainwater and alleviate urban water shortages. This project adopts a research by design approach to explore the rainwater harvesting design and selects Beijing's Yexianta Park as a case study. To reconcile drought and flooding issues of the site, low impact development facilities and ecological design of underlying and aquatic plants are used to form an adaptive rainwater harvest system that reinvents the water environment, regenerates the forest ecosystem and reconnects the city with the wilderness. With an area of 45.8 ha, the post-design evaluation results of Yexianta Park show that the annual rainwater harvest system can store 107,600,000 m3 of rainwater, save 107,600,000 m3 of reclaimed water, reduce 120,400,000 m3 of external discharge, and achieve a total economic benefit of 1,967,954,000 Chinese Yuan. Thereby, this project shapes a safe and sustainable waterfront space for the daily recreation of local residents, while providing a valuable exploration of resilient landscape research in urban forest park design.

LANDSCAPE ARCHITECT FIRM:
DDON & ILAPDR HZAU

LA S NAMES WHO WORKED ON THE PROJECT:
Zhang Haoning, Wu Jingtao, Zou Ning

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
MengZhang, YuefengDuan, ZhonghuaWang, LinZhang, ShihengAo, JuanHeng, YuTian, JiaGuo, BinbinWang

COMPANY ORGANISATION:
China Construction Engineering Design & Research Institute Co., LTD

A SUSTAINABLE WATERFRONT PARK FOR THE RESORT DISTRICT OF TONGZHOU IN BEIJING

Beijing Area: 217,000 sqm

The project within an international resort development area, includes a 2.8 km long green landscape and blue waterway which thread through the new theme park, resort hotel, future commercial development district and waterpark. As an important municipal landscape project, the water system significantly improves the river's water quality, enhances the overall landscape effect of the river, improves the local environment, promotes economic development, and elevates the overall image of the surrounding area.

The landscape architects and water system engineers collaborated within the multidisciplinary intercultural team, employing contemporary techniques with traditional canal elements and innovative landscape material to blend the canal, subway station (to the entrance), theme park surface parking, and stormwater features. Native gardens tie together the land and water systems within the scope of the park's 217,000 sqm to minimise geotechnical risks and enhance water quality. The new freshly choreographed arrival sequence from both the subway station and parking lot, together with the waterway system, will not only meet the landscape and operational needs of the resort, but also be an important urban landscape highlight in Beijing's sub-centre, which is of great significance for promoting social and economic development and achieving harmony between people and water.

CLIENT:
BJ Shouhuan Cultural Tourism Invt.

LANDSCAPE ARCHITECT FIRM:
ECOLAND Planning and Design Corp.

LA S NAMES WHO WORKED ON THE PROJECT:
Yuezhong Chen, Jingning Chen, Lianzhu Xu

CIVIL STRUCTURE ENGINEER:
Beijing Institute of Water

QUANTITY SURVEYOR:
BEI JING SHI TONG ZHOU QU SHUI WU JU

BUILDER:
Jincheng Landscaping Engineering

COMPANY ORGANISATION:
Beijing Enterprises Water Group Limited

Honourable Mention

NANSHA PEARL RIVER BAY DISTRICT WISDOM VALLEY SUPER EMBANKMENT PROJECT

Guangzhou Area: 200,000 sqm

Given the rising sea levels and erratic weather patterns in the past few years, the world's shorelines are always the first ones to feel the obvious effects of climate change. As landscape architects, we have an important role to contribute in creating resilient landscape designs in reconfiguring these nature sensitive areas to more robust environments. Creative landscape designs that use nature-based solutions to create places for people to interact, experience and enjoy. Striking a balance between aesthetic and purposeful spaces that would celebrate different activities that could host daily, seasonal and annual events.

The Pearl River Delta area shoreline is a good example of one of these nature-sensitive areas, being a host for both local and migratory species and being on the verge of natural and urban boundaries, not to mention being subjected to seasonal tumultuous typhoons and monsoon weather. These factors need to be seriously considered in formulating the proper landscape design to suit these accordingly.

Catering to the different local urban demography and its interests also dictates the planning strategies for the different zones of the Nasha Huigu Wisdom Valley. This is from the need for unique urban spaces from urban professionals from the nearby R&D/Technology hub, to the multi-generational urban family units that will visit and enjoy the development.

LANDSCAPE ARCHITECT FIRM:
CPG SIGNATURE PTE LTD

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Huashi Wu, Zhaoyi Li, Chunyu Chen, Chunhua Ma, Yang Cao, Xiaolan Zheng, Xing Deng

COMPANY ORGANISATION:
GVL Design Group

Honourable Mention

GARDEN TYPE WATER PLANT

Guangzhou Area: 68,004 sqm

The project mainly carries out landscape upgrading and transformation for the greening of the plant areas of Lijiao water purification plant, Dashadi water purification plant, Shijing water purification plant and Daguan water purification plant. The design takes "water" as the inspiration of the design language. The four water plants are designed with the concept of "living water, intelligent water, beautiful water and happy water" respectively, and make use of the advantages of ground space resources of underground water purification plants to improve the functions of the plant area; The water from the water plant is used as landscape water to realise the reuse of reclaimed water and create a landscape with green water resources circulation system. Through landscape transformation, this project forms a multi-functional plant landscape environment, improves the brand image of cultural products of the water purification plant, and gradually builds it into a domestic demonstration garden water plant.

LANDSCAPE ARCHITECT FIRM:
GZLI

LA S NAMES WHO WORKED ON THE PROJECT:
YueMa, ShuaiYi, SimingZuo, WenzheLin, HuiWen

CIVIL STRUCTURE ENGINEER:
YuHuang

QUANTITY SURVEYOR:
LinjieWang

LIGHTING DESIGNER:
WenhaiZhou,PengYang

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Guangsen Zhou, Jingyi Cao, Weiqun Cai, Xiaofen Guan, Yilun Xie, Lei Xiao, Xianhui Feng

COMPANY ORGANISATION:
GVL Design Group

Honourable Mention

MINGSHI RESORT & VILLAS – CHONGZUO, GUANGXI

ChongZuo Area: 41,600 sqm

Constructing a luxury resort with flood-tolerant landscaping along the river that respects traditional architecture, native environment and the local Zhuang culture will be a big challenge. Detention Pond, constructed wetland, rain gardens, permeable paving, bioswale and green roof are applied in this project to control stormwater runoff and minimise damage from severe flooding along the Mingshi River during flood season.

LANDSCAPE ARCHITECT FIRM:
TEAMER INTERNATIONAL

LA S NAMES WHO WORKED ON THE PROJECT:
Young Zheng, Lingjie Huang

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
WenjunLiang ,MinLi, WandongWang, JiahuiLiu, LijuanMa, YuanyuanCao, YuchenWang, HengJuan

COMPANY ORGANISATION:
China Construction Engineering Design & Research Institute Co., LTD

FOOD SECURITY AND PRODUCTION SYSTEMS

Honourable Mention

SOMDUL AGROFORESTRY HOME

Samut Songkhram Area: 24,000 sqm

"Somdul" is a Thai word for "Balance"
This project demonstrates: Somdul of Life – Balance of living and well-being. Somdul of Mind – Balance of mind and mentality Somdul of Environment – Balance of ecological green area and design.

"Grow what you eat, eat what you grow"
When nature resources and local wisdom are part of our lives, we should understand and cherish them more. This is the main goal of the project. Make it "Somdul" (Balance).

"River - Forest - Locality – People - Simple"
It was originally an abandoned garden house. The project owner had an idea to develop this area to be a café and agroforestry learning center based on existing factors on the site. The house aims to live healthily and balanced. Living in-between city life and nature, an organic agroforestry farm conveys this in terms of services, food, beverages, bakery, and processed products made on-site. Learning through participating in various workshops and activities, gives the visitors a feeling of "Sustainable happiness".

LANDSCAPE ARCHITECT FIRM:
Arsomsilp

LA S NAMES WHO WORKED ON THE PROJECT:
Landscape Studio by Arsomsilp

ARCHITECT FIRM:
Arsomsilp

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Wang Shu,Li Zonghui,Yao Shudong,Lv Yang,Cai Jing,Chen Liwen,Bian Ting,Jin Guilong

COMPANY ORGANISATION:
Beijing ZEHO Waterfront Ecological Environment Treatment Co., Ltd.

NATURAL DISASTERS AND WEATHER EXTREMES

Honourable Mention

QIZI BAY COASTAL PARK AND NEW CENTURY RESORT IN CHANGJIANG, HAINAN PROVINCE

Changjiang Area: 150,261,8 sqm

Qizi Bay Coastal Park and New Century Resort is a comprehensive cultural and tourism project within 1.5-hour of the high-speed rail west line tourism belt between Sanya and Haikou. It has beautiful panoramic sunset views. The project phase 1 covers an area of 150,000 m^2 . The site in a saline-alkali zone is exposed to extreme weather with very little rainfall. It has desertification with severe soil erosion issues resulting in sparse vegetation and imbalanced plant diversity. The biggest challenge we faced is to maximise the conservation of its primary resources while maintaining its ecological restoration for the enhancement and protection of the existing coastal shelter belts. This is done through minor site reformation, resilience design, water conservation and introduction of plant diversity, to form a microclimate for its sustainability. An accessible vibrant desert coastal shelter belt forest park is formed with careful design of linear landscape connectors using low intrusiveness elevated pedestrian system and plant diversity. This boardwalk network provides a passage system from the hotel water park through the various distinctive landscape features of the semi-desert coastal shelter belt, the enhanced reef rocks coast, the mangrove forest and beyond to the photographic hotspots of the iconic 'Qizi" natural rock formation culminating at the beautiful sunset lookout point. The characteristics of the semi-desert park with its natural coastal reef rocks shore and mangrove forest formed a unique natural garden. Together with the hotel's water theme park, they provide economic and ecological sustainabilities in building and revitalising a cultural and tourism resort destination, integrating nature, humanities and lifestyle.

CLIENT:
New Century Hotels & Resorts

LANDSCAPE ARCHITECT FIRM:
Shinescape International(HK)Limited

LA S NAMES WHO WORKED ON THE PROJECT:
Qin Chao

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Xia Haiyan, Wang Le, Lin Honghao, Wu Shanshan, Qi Huaying, Jia Yangyang, Jiangzhenzhen

COMPANY ORGANISATION:
DDON Planning & Design Inc.

Honourable Mention

REBIRTH AFTER NATURAL DISASTER: YANTIAN WATERFRONT BOARDWALK, SHENZHEN

Shenzhen Area: 200,000 sqm

The Waterfront boardwalk in Yantian District is the most famous waterfront boardwalk in Shenzhen. In September 2018, it was destroyed by the super typhoon "Mangosteen". The sea embankment and boardwalk were severely damaged, and people's property lost. The design is based on the principles of ecological restoration and disaster prevention. It was designed with six major strategies, including conform to nature, response to the storm surge, remain local culture, restore coastal ecology, sustainable and easy maintenance, connect city with nature. On the basis of coastal ecological restoration, the urban and natural landscapes separated by production ports along the coastline are reconnected through the greenway and waterfront boardwalk. They provide public activity spaces for citizens. The coastline becomes vibrant and beautiful after the implementation, it is widely welcomed by the public and achieved comprehensive benefits.

CLIENT:
Yantian PWB & CRC(Shenzhen)

LANDSCAPE ARCHITECT FIRM:
LAY-OUT & ELANDSRIPT & PDIWT

LA S NAMES WHO WORKED ON THE PROJECT:
WeiWei, ZhangQian, LaiJichun, TangXiaolu

ARCHITECTURE FIRM:
LAY-OUT: ZhangZhongqi/ELS: FanWujun

CIVIL STRUCTURE ENGINEER:
ZhangMingming, WangDong, ChenCheng

LANDSCAPE CONTRACTOR:
YinLu, GuJingbo

LIGHTING DESIGNER:
ZhangYikang, ChengGuanhua, HuangCheng

BUILDER:
WangFuhai, ZhuXuhui

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Lu Wenhao, Wang Wei , Xu Linjie, Zhong Yi, Liu Qifeng, Chen Yihan, Chen Zibo

COMPANY ORGANISATION:
DDON Planning & Design Inc.

CULTURE AND TRADITIONS

Honourable Mention

BEIJING WENYUHE PARK-FUTURE IVALLEY: COUNTRY'S FIRST CARBON NEUTRALITY THEME PARK (PHASE-1 PROJECT)

Beijing Area: 0,46 sqkm

Beijing Wenyuhe Park is located on the northeast side of downtown Beijing, at the intersection of Chaoyang, Shunyi and Changping Districts. When erected, it will form the largest unbroken eco-space within the Sixth Ring Road of Beijing as a milestone of Beijing's efforts toward eco-civilization and a crucial point in Beijing's overall planning of eco-civilization development.

Beijing Wenyuhe Park-Future iValley, placed on the northwest side of Beijing Wenyuhe Park and the southeast side of the "Energy Valley" of the Future Science Park, comprises two phases of construction, with the first covering an area of 0.46 square kilometers at the transitional region from an urban building-concentrated area to an eco-space. Keeping up with the times, this Phase-1 Project of Future iValley is themed "carbon neutral", aiming to promote carbon neutrality and guide people toward a greener life.

LANDSCAPE ARCHITECT FIRM:
BJLA

LA S NAMES WHO WORKED ON THE PROJECT:
Yanwei, Wangpeng, Huangtong, Caoyue, Yinjiso

ARCHITECT FIRM:
Xingdi, Yangyuxing, Liuxingfu

CIVIL STRUCTURE ENGINEER:
Wangchuxu

LIGHTING DESIGNER:
Muxilian

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
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COMPANY ORGANISATION:
Beijing Institute of Landscape and Traditional Architectural Design and Research Co., LTD.

SOCIAL AND COMMUNITY HEALTH

Outstanding Award

PHOTOSYNTHETIC VALLEY - INTERNATIONAL YOUTH EXCHANGE CENTER

Tianjin Area: 3 sqkm

Photosynthetic Valley is not only the urban development axis of Tianjin, but also an important habitat for migratory birds in the Asia pacific region. The site's original state is salt marshes formed by the shoreline receded and location close to the Tianjin's Bird Nature Reserve and store floodwater area. As the balancer we combine the ecological and city vision together: built landscape framework fits the climate crisis, bring vitality to the new city which lack of the community based. This project is based on restorative wetland, teenager's campground, rural life experience, geothermal energy for health care. Emphasise and communicate environmental awareness to people through environmental experience. It is now a vivid venue for spreading awareness of the climate crisis. Launch at least 20 indoor and outdoor courses and has received more than 16,000 people from 17 primary and secondary schools since opening. The team's design vision is gradually being realised: let the park release oxygen like greenery, continue improve the health and wellbeing of the community.

"Photosynthetic Valley - International Youth Exchange Center" emphasizes that helping individuals realize the realization of self-worth through environmental experience. The health and wellbeing provide continuously by releasing oxygen and natural knowledge for surrounding communities and city.

Greenhouse areas are a typical example of geothermal use. This area shows "Veroponic Hydroponics" and participation in the whole process of farmland production. Harvested vegetables can be sold in organic supermarkets. This process that helps everyone participate in social activities.

CLIENT:
Tianjin Rail Transit

LANDSCAPE ARCHITECT FIRM:
AECOM TJ

LA S NAMES WHO WORKED ON THE PROJECT:
Yanjun Li, Tianyang Zhang, Chao Liang

ARCHITECT FIRM:
AECOM TJ

LANDSCAPE CONTRACTOR:
AECOM TJ

BUILDER:
AECOM TJ

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Liyu Liang, Yun Ou, Chaofan Liang, Jiawei Li, Feng Zhong, Jia Liu

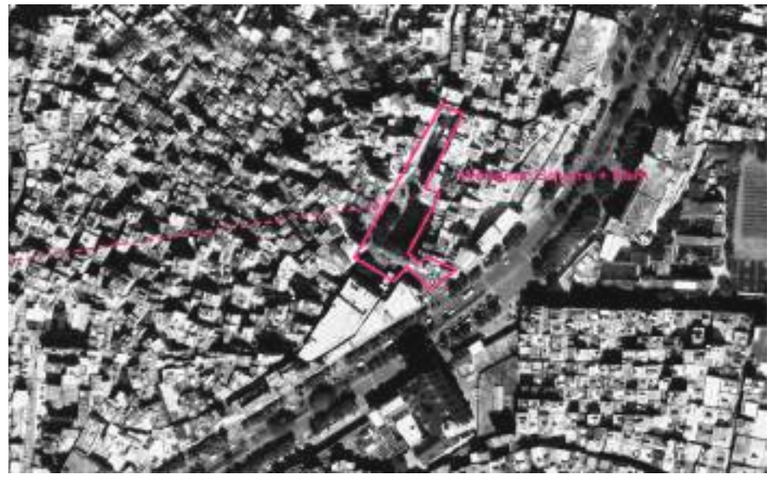
COMPANY ORGANISATION:
SUTPC

WANGNAN PARK: A TIMELESS COMMUNITY PARK BRINGING TOGETHER YOUNG AND OLD

Guangzhou Area: 6,200 sqm

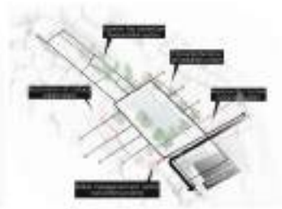
Guangzhou Wangnan Park is a pilot urban rejuvenation project of Jiahe District located in the North of Guangzhou city. The new pocket park and square address the pressing issue of public space renewal in the “urban villages” of Chinese cities.

The former villages, which have become densely populated urban enclaves within the ever-growing outskirts of Chinese metropolises, are challenged not only by the lack of public urban spaces but also by the loss of cultural identity and character. The project aims to maximise the urban identity with minimal urban intervention. It preserves and extends the existing cultural square and transforms it into a new meeting place for the community. To achieve this goal, the design process had been equally important as the built result. Public participation, workshops, and open forums guided the design from initial idea finding to models and further throughout the construction stage. Today Guangzhou Wangnan Park is a place for all and the cradle of a new Wanggang community spirit.



Reinvent open space
Retain the original site tree.
Demolition of illegal buildings

Add corridor
The corridors are interspersed and interspersed around the big trees.



Combing traffic
Sort out traffic and form a landscape loop.
Create multifunctional landscape flow lines.

Cultural heritage
The corridor and under the tree form a leisure activity space.
The cultural pavilion and the ancestral hall face each other across the pond.

Design Strategy

I. Co-governance and co-building.
II. Recreating open space and micro-transformation.
III. Unearthing heritage and local identity.
IV. Co-living and co-maintenance.

With research on practical problems on the site, the design considered the idea of the old village renovation from an overall perspective, which was neither a one-size-fits-all method of demolition and construction, nor a simple environmental improvement. The layout of the existing old village was fully respected and the existing resource elements were summarized. The original ancient alleys were connected to form the main landscape line of the old village. Some dilapidated houses were demolished to release some public spaces, and "pocket parks" with their own characteristics were built.

LANDSCAPE ARCHITECT FIRM:
Guangzhou S.P.I Design Co., LTD

LA S NAMES WHO WORKED ON THE PROJECT:
Hu Sun, Songmin Liu, Rong Cao

ARCHITECT FIRM:
Guangzhou S.P.I Design Co., LTD

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Xiaobo Ren, Haixuan Zhao, Liyuan Song, Le Zhang, Han Lai, Yang Hu, LYPU Flower

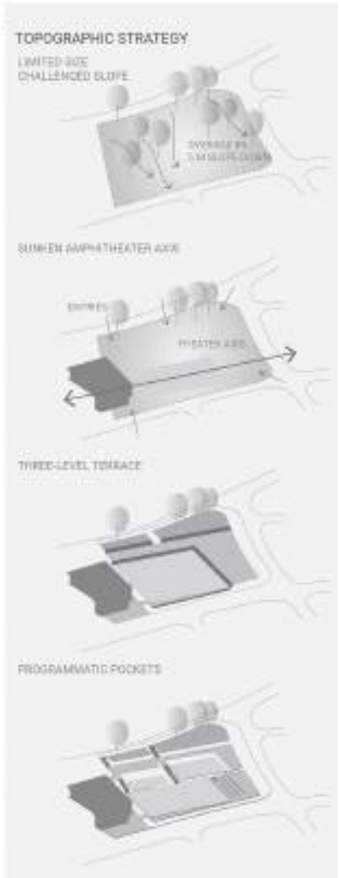
COMPANY ORGANISATION:
NATUREUS Studio

PARKHILL GREENS: CREATING A HILLSIDE COMMUNITY HUB

Shenzhen Area: 4,000 sqm

Parkhill Greens project is a hub that unites local residences, schools, retail, streets, and pre-existing vegetation into a socially and environmentally conscious green space.

Located on a hillside of the Jiangangshan neighbourhood, this newly constructed 7,000-square-metre public realm presented challenges in its relatively small size and slope condition. The landscape architecture team leads a rigorous design process with architects, civil engineers, and specialty consultants to seamlessly integrate green infrastructure, program areas, and topographic solutions.



The site focused on a strong central gathering gesture with lush planting surrounding each area. The design of the site mitigated the grade change by adapting it to maximise social, recreational, and sustainable benefits for a diverse range of people.

Now a civic space full of vibrancy, social interaction, and environmental stewardship, the site has made significant contributions to its neighbourhood and is embraced by users of all ages.

CLIENT:
Vanke Shenzhen

LANDSCAPE ARCHITECT FIRM:
PLAT Studio

ARCHITECT FIRM:
Shenzhen Huahui Design

LANDSCAPE CONTRACTOR:
Pubang Landscape Architecture

LIGHTING DESIGNER:
Matt Lighting Design Associates

OTHER CONSULTANTS
IMPLEMENTORS CONTRIBUTORS:
Che Di, Zhang Zhongqi, Su Zhewu, Zhang Yikang, Cai Bingxuan, Lai Jichun, Zhang Di, Wang Xia, Ma Hengyang

COMPANY ORGANISATION:
LAY-OUT Planning Consultants Co., Ltd.

PARK COMMUNITY OF JINGTIAN NORTH, FUTIAN, SHENZHEN

Shenzhen Area: 0,65 sqkm

In a high-density city like Shenzhen, the large population and the limited green space have formed a big contradiction. Especially in the past two years, since COVID 19 has been raging, maintaining social distance, reducing gatherings, and reducing movement, making small neighbourhood parks which are close to home more and more precious. The healing effect of green space on people's mental health is also more obvious.

Based on the perspective of "green fairness", the design team has carried out public space planning and design for Jingtian North Community, Futian Shenzhen, which has a population density of almost 40,000 people per square kilometre, in order to achieve a more balanced distribution of green space, a more accessible park layout, and more age-friendly service features. Through the improvement of "Neighbourhood Park", "Pocket Park" and "Park Connector", a green space system combining dots, lines and planes is formed, making the whole community a big park.

CLIENT:
Futian UALEB & Lianhua Sub-district

LANDSCAPE ARCHITECT FIRM:
VANKE & LAY-OUT & CL DESIGN

LA S NAMES WHO WORKED ON THE PROJECT:
Wei Wei, Wang Shiying, Jiang Ming, Chen guanhua

ARCHITECT FIRM:
CL DESIGN: Qiu Cuiju, Wang Haishan

LANDSCAPE CONTRACTOR:
Wei Jieru, Chen Yaowen, Yuan Jun

BUILDER:
Liang Meijia, Yang fan, Luo Kanghua

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
TravisWright, YangZhang, DanChen, LuluChen, MingmingZhang, ShulinHuang, ChenyuanZhang

COMPANY ORGANISATION:
Shanghai Jiao Tong University, Shanghai Edging A&LA CO., LTD.

Award of Excellence

CONNECTING PAST TO PRESENT - TRANSFORMATION OF THE TIAN MU PARK

Taipei City Area: 38,774 sqm

A Living Memoir for Residents
Serving the community for over half a century, the Tian Mu Park contains memories of the residents. This project retained the historical traces and existing landmarks, passing on the memories to new visitors.

An Inclusive Park for All
The goal was to create an inclusive space that is accessible for people of all ages, genders and ethnicity.

Connecting Humans and Nature
Leveraging Tian Mu Park's rich gifts from nature, shortening distances between nature and the residents.

CLIENT:
Taipei City Government

LANDSCAPE ARCHITECT FIRM:
DNF.Environmental Consultants Inc.

LA S NAMES WHO WORKED ON THE PROJECT:
Wei Wei, Wang Shiying, Jiang Ming, Chen guanhua

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Contributors:
Yuan Songting, Gaochi, Du Yan, Yang Hengxiu, Wang Hao, Pan Xianjie, Chen Chuxi

COMPANY ORGANISATION:
DDON Planning & Design Inc.

TAKES 150,000 FOLKS HOME, RENEWAL OF THE CORRIDOR — THE SHANGBU CORRIDOR, SHENZHEN

Shenzhen Area: 123,000 sqm

In the context of rapid urbanisation, plenty of city parks are "produced" through a quick process of master planning and design. The mismatch between demands and design causes the low urbanisation rate of parks and gradual loss of urban vitality.

The project is situated in an old neighbourhood in Futian, Shenzhen, where the per capita park area is less than 1m². Lacking venues for activities, residents here could not equally enjoy urban public life.

In response to the demands for green space of 150,000 nearby citizens, the design team figured out a green land regeneration plan with broad public participation to rebuild a 123,000 m² public space, making it a healthy and inclusive venue available to everyone. Wide community-based consultation and public engagement facilitated the project's design and operation in later stage, whilst also improving cohesion of the community. Receiving overs 36,000 visitors a day, Shangbu Green Corridor Park, which is a park belt composed of 9 parks, has become the most popular public destination in Shenzhen.

LANDSCAPE ARCHITECT FIRM:
SUTPC

LA S NAMES WHO WORKED ON THE PROJECT:
Xiaochun Zhang, Muping Li, Zhipeng Cheng

COMPANY ORGANISATION:
TA LANDSCAPE ARCHITECTURE

Award of Excellence

JR KUMAMOTO RAILWAY STATION BUILDING

Kumamoto | Area: 19,945,94 sqm

"JR Kumamoto Station Building" is a vertical garden that fuses nature and architecture from Kumamoto's Aso region to provide a place where people can feel nature close at hand in their daily lives, at a time when urban development is progressing and the connection between people and nature is becoming fragile.

The vertical garden is a continuous public space that extends from the interior to the exterior of the commercial building. The garden is a biophilic design that provides people with health and happiness by incorporating the essence of nature unique to the Aso region and rest spaces where people can feel water and greenery. The waterfall in the vertical garden creates a pleasant sound of water and refreshing breeze as if they were in a mountain in Aso, and the sun shines through the trees leaves.

In order to realise an environment that is closer to actual nature, the shape of the building, plants, and water were determined through collaboration not only between architects and landscape designers, but also between various specialists, including plant experts, a computer simulation team, facilities personnel, and a team that conducts environmental assessments.

Ceiling material: made of wood that grew in Kumamoto Prefecture

Wall greening using tree species native to the mountains of Aso

CLIENT:

KYUSHU RAILWAY COMPANY

LANDSCAPE ARCHITECT FIRM:

NIKKEN SEKKEI LTD

LA S NAMES WHO WORKED ON THE PROJECT:

Yoshiaki Komatsu Yuki Iwata

ARCHITECT FIRM:

NIKKEN SEKKEI LTD

LANDSCAPE CONTRACTOR:

ANDO LANDSCAPE CONSTRACTION LTD

LIGHTING DESIGNER:

SIRIUS LIGHTING OFFICE

BUILDER:

OBAYASHI CORPORATION

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:

Department of City Planning and Urban Development (BMA)

COMPANY ORGANISATION:

Kotchakorn Voraakhom/ LANDPROCESS

Award of Excellence

BUILDING COMMUNITY RESILIENCE AT CAMBRIDGE ROAD

Singapore Area: 280 sqm

Addressing climate change transcends the limit of one profession. Although it is proven how nature-based solutions could mitigate adverse effects from climate change, it is of utmost importance to integrate community in planning, designing and implementing these solutions. 'Building Community Resilience at Cambridge Road' was an evidence-based response in tandem to strategies for making Singapore resilient. The bottom-up decision making process focused on various methods of community engagement between multiple stakeholders to create a resilient society with awareness and ownership towards public green spaces.

Under this research project, the study sought to pilot a participatory planning process to create a climate-resilient neighbourhood. The uniqueness of the project is in its collaborative methods of engaging researchers, technical experts, government agencies and communities earlier in the planning process and downstream implementation. This enabled the landscape architects to understand the community's knowledge of climate change and context-sensitive nature-based climate-mitigation tools.

The project demonstrated a prototype of participatory planning and resilience-building process that could be scaled up. The process strengthened the community bond and their relationship with the landscape architects - reminding policy planners of a mutual stewardship stance and interdependence between users and designers.

Pop-up booths, Surveys, Focused group workshops (2019)

Planting maintenance workshop (2020)

CLIENT:
Centre for Liveable Cities, MND

LANDSCAPE ARCHITECT FIRM:
National Parks Board

LA S NAMES WHO WORKED ON THE PROJECT:
Damian Tang, Mayura Patil

LANDSCAPE CONTRACTOR:
BNL Services Pte Ltd

OTHER CONSULTANTS / IMPLEMENTORS / CONTRIBUTORS:
People's Association, Our Green MoCa-Moulmein-Cairnhill, Owen Residents' Committee, Cambridge Neighbourhood Committee, Anglo-Chinese School (Barker Road), State Land Authority, Urban Redevelopment Authority, Ministry of Education

BADSHAHPUR FOREST CORRIDOR

Gurugram Area: 1,79,210 sqm

The 5.6km Badshahpur Corridor eco restoration project is an accessible and equitable public open space and urban greenway corridor that addresses the urgent needs for a rapidly developing Gurugram, India. This project promotes reestablishment of both the natural ecosystem and human health through a native forest corridor interwoven with a series of movement trails and loops, rest and recreation areas in the midst of dense urban developments. Planted wilderness and nature-based solutions for water management interplay with socially vibrant spaces designed for quiet contemplation, community gathering, and inclusive play. The project demonstrates the creative reuse of construction waste as building material thereby converting the problem of waste dumping into a solution addressing material scarcity, procurement and costs.

Conceptualised in 2018, the project is already a showcase for simple, intuitive and replicable nature-based practices for waste management and reuse, habitat restoration, water recharge, and management of urban flooding and creation of people-centric spaces through comprehensive landscape design and a collaborative approach.

This is the result of a unique yet supportive collaboration between government and citizen groups with funding by corporates, design by landscape architects and implementation by enthusiastic site teams. The first phase of 3.5km is complete, reimagining a wasteland site into an active, innovative, resource conscious, and ecologically rich community resource.

CLIENT:
IamGurgaon

LANDSCAPE ARCHITECT FIRM:
Beyond Built Pvt. Ltd.

LA S NAMES WHO WORKED ON THE PROJECT:
Nidhi Madan and Nupur Prothi Khanna

LANDSCAPE CONTRACTOR:
Ram Kishan, Arjun Ahirwar & Teams

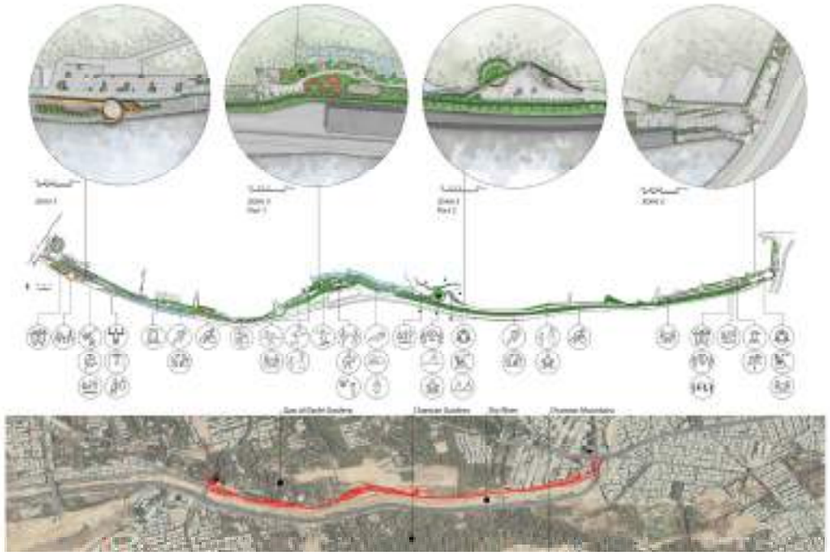
COMPANY ORGANISATION:
Beyond Built Pvt. Ltd.

HEALTH ROUTE

Shiraz Area: 45,000 sqm

The Health Route is a recreational park in Shiraz that has brought a dead urban space back to life. This site provided a genuine opportunity to have a place in the city that is firstly a public space for social interaction and secondly offers an equal opportunity for all to improve their wellbeing.

The Health Route, the highest-equipped sports park in the country, was built to answer the problems it faced. Problems like reviving the Dry River's dead banks, using the riverfront space due to proper access and proximity to the main natural structures of the city (gardens and rivers), creating accessible sports facilities for all population groups (especially for women who have some specific restrictions in Muslim societies), and rehabilitating flora and fauna of the region. In short, the space had several main actors such as some of the most critical ecological elements of the city, diverse social users, challenging economic and social conditions. A deep gap had to be filled to integrate these various actors into an interactive and dynamic system to improve the city's social health.



CLIENT:
Shiraz Municipality

LANDSCAPE ARCHITECT FIRM:
Taa Studio

LA S NAMES WHO WORKED ON THE PROJECT:
Z. Dalvand M. Mohamadian
Sh. Roshan

ARCHITECTURE FIRM:
Taa Studio

CIVIL STRUCTURE ENGINEER:
M.Sasani- E.Parhizgar- R.Farsimadn

LANDSCAPE CONTRACTOR:
Minousa- Kalanshahrsaz- Nakpey

LIGHTING DESIGNER:
M. Javanmardi- M Ghanbarian

COMPANY ORGANISATION:
Nanjing Lanscape Planning And Dedsign Institute CO.,LTD

TAIZHOU FANGYUAN TIANJINGYU MANSION

Taizhou Area: 103,819 sqm

Taizhou Fangyuan has created a new living mode. It is mainly reflected in the following aspects: Realise the transformation of land value with operational thinking as the core; create a "theme park style" living environment, which coordinates with the natural landscape, meet the needs of residents, and provide a high-quality living environment and communication place in all aspects. Based on the main design concept of "Lingjiang", the designer follows the landscape design concept of "Design with Nature" and "Design with People" , starts from the regional social system of "HOME+", considers how to upgrade the traditional residential real estate, and builds it into a healthy and livable art mansion of new generation with social significance to serve the lives of different people.


The central landscape space between buildings is built as an interesting amusement site, so that each owner has the same entertainment space and multi-landscape function space.


The log-colored grills frames different views, so that people can meet these beautiful scenery at different angles unexpectedly and talk about surprises.


order to meet the above challenges; we chose the green recycling method to skillfully use the water resources present in the site in the recycling of site water to landscape water, creating a small world coexisting with nature for the park

CLIENT:
Fangyuan Real Estate Group Co., Ltd

LANDSCAPE ARCHITECT FIRM:
GVL Design Group

LA S NAMES WHO WORKED ON THE PROJECT:
Yiheng Chang, Yajun Liu, Daixing Ou

COMPANY ORGANISATION:
Shinescape International (HK) Limited

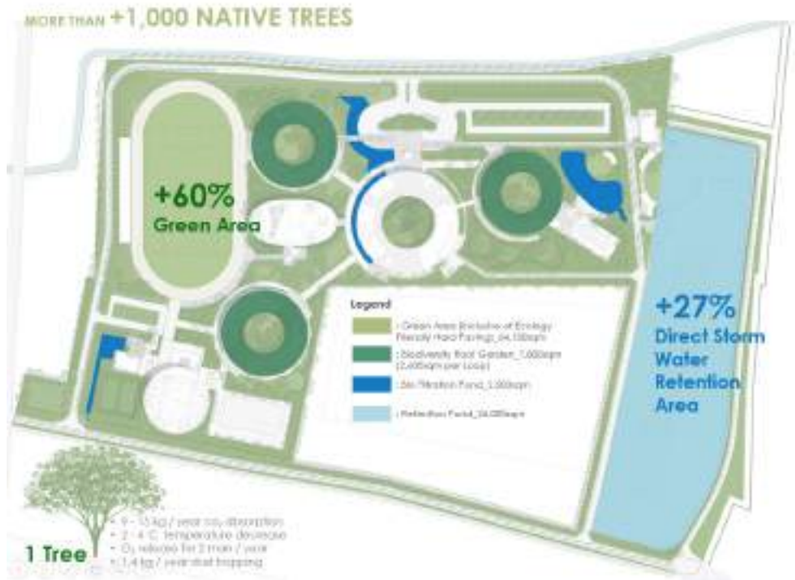
INTEGRATE & FOSTER: A NEW LEARNING COMMUNITY

Samut Prakan Area: 268,800 sqm

A resilient learning landscape, taking up over 60% of the project encourages new styles of learning and fosters resilient minds. The project negotiates flood conditions as well as integrates learning programs into the natural landscape. The adaptable design hosts various activities and programs that encourage active learning and social developments for different age groups.

In this landscape, children are safely exposed to the ecosystem naturally occurring in semi-wetland/swamp conditions, diverse range of tropical flora, basic hydrology exhibition, taking up responsibility and understanding the sense of community.

The design aid students and staff in their academic journey to adaptability, creativity and resilience.



CLIENT:
Verso International School

LANDSCAPE ARCHITECT FIRM:
P Landscape Co., Ltd.

LA S NAMES WHO WORKED ON THE PROJECT:
Wannaporn P.,Hathai R.,Peerawoot M.

ARCHITECTURE FIRM:
Palmer & Turner (Thailand) Ltd.

CIVIL STRUCTURE ENGINEER:
Palmer & Turner (Thailand) Ltd.

QUANTITY SURVEYOR:
Altus Page Kirkland

LANDSCAPE CONTRACTOR:
19th Landscape Co.,Ltd.

LIGHTING DESIGNER:
Bo Steiber Lighting Thailand

BUILDER:
HHT construction Co.,Ltd.

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Wenting Dai, Lijia Xu, Zhuqing Cheng, Ting Zhang, Zhiru Chen, Pinyou Wei, Xin Xu

COMPANY ORGANISATION:
Arcplus Group PLC, Shanghai Xian Dai Architectural Decoration & Landscape Design Research Institute Co.,Ltd.

RETURNING TO THE YANGTZE RIVER: THE RESILIENT RIVERFRONT DESIGN OF THE KOWLOON BUND IN CHONGQING

Chongqing Area: 912,400 sqm

Launching as the first phase of Chongqing's initiative, "Two Rivers and Four Banks," The Kowloon Bund Riverfront project aims to bring urban life back to the Yangtze River. This design is proposed as the main focus of the city's urban development: its creation of a culturally-conscious and climate-adapted riverfront zone plays a key role in forging this mountainous region into a resilient city.

To accommodate the riverbank's ever-changing water levels and the ecological fragility of its fluctuation zone, the design team emphasises "seasonal usage" as the project's core concept and implements a multi-dimensional public space system. By integrating the cultural significance of the Kowloon Slope District, the project reshapes the landscape to highlight the Kowloon Bund, the Kowloon Bund Bridge, and the Kowloon Bund Steps. Together, these layered components present to the world a magnificent scene with the quality of a Chinese painting," Jiu Chong Guan Jiang" ("Viewing the River from Jiu Chong").

CLIENT:
CCCIC

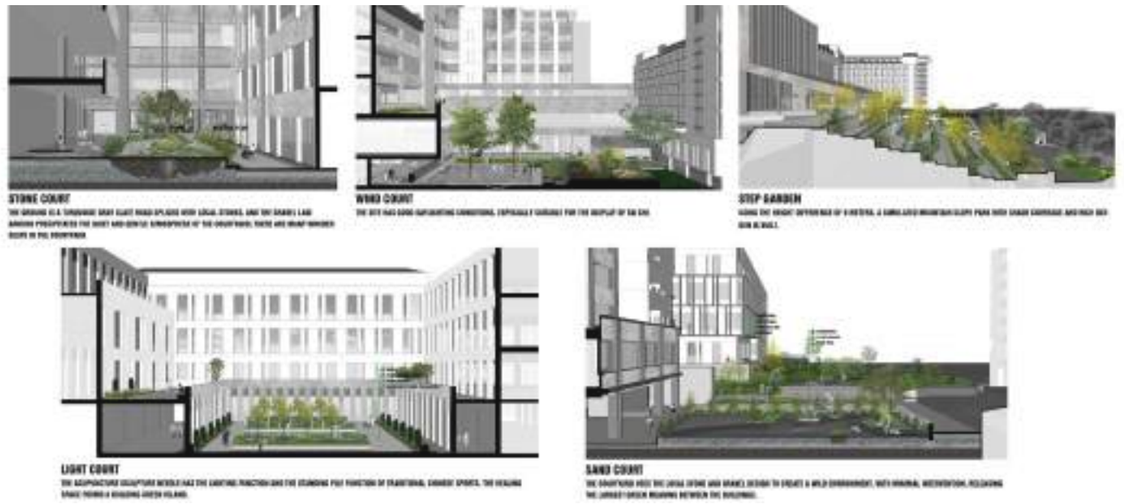
LANDSCAPE ARCHITECT FIRM:
MYP Inc. , TYLIN INTERNATIONAL

LA S NAMES WHO WORKED ON THE PROJECT:
Chang Yu, Bill Cong Huang, Dandan Li

COMPANY ORGANISATION:
Beijing BLDJ Landscape Architecture Institute Co., LTD.

HEALING THROUGH "QI" AND "EARTH": THERAPEUTIC DESIGN IN PANZHOU HOSPITAL OF TRADITIONAL CHINESE MEDICINE

Panzhou Area: 32,600 sqm



Panzhou Hospital of Traditional Chinese Medicine is located in Panzhou New City, about a kilometre away from the centre of Panzhou Old City with 600 years of history. The hospital is a relatively typical medical facility for a small city. Different from Western medicine, which deals with health problems through empirical science and linear logic, traditional Chinese medicine (TCM) emphasises a philosophical understanding of the universe and all things in it. It encourages closeness to nature, sustainability, gentleness, harmony of movement, and self-progress. Beyond meeting the fundamental requirements of a modern hospital, Panzhou Hospital of TCM reflects the concepts and healing philosophies of TCM. It facilitates a close connection with nature and allows visitors to feel changes in the environment, such as through plant growth and the changing of seasons. The landscape design team used traditional, locally-sourced materials and elements in the modern design, aimed at creating a therapeutic, rehabilitating space for patients in accordance with the tenets of traditional Chinese medicine.

CLIENT:
Panzhou CTM hospital

LANDSCAPE ARCHITECT FIRM:
Mind Studio

LA S NAMES WHO WORKED ON THE PROJECT:
Jun Jiang, Xiue Yang, Nanfei You

QUANTITY SURVEYOR:
Hongsheng Chen

LIGHTING DESIGNER:
Rui Ren, Wei Chen, Jiayong Jiang

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Yuan Songting, Gao Chi, Du Yan, Li Lan, Qiu Hongfei, Yang Diechuan, Wang Hao

COMPANY ORGANISATION:
Arcplus Group PLC, Shanghai Xian Dai Architectural Decoration & Landscape Design Research Institute Co.,Ltd.

URBAN RENEWAL PROJECT OF JIXIANG STREET, WANZHOU, CHONGQING

Chongqing Area: 2,400 sqm

This project is initiated by the local government in Wanzhou. Wanzhou is a typical mountainous city. There are many narrow and shabby streets in the old downtown area. There streets are losing the original living atmosphere. With more and more inhabitants moving out, they are becoming lifeless. The local government is eager to renew the area and set a good example on urban renewal in Wanzhou.

The renewed site happens to sit at the interface between the old and new urban spaces. It faces the new business streets and sits back against the old neighbourhood. Small though it is, the site connects the modern streets and the old neighbourhood, carrying the memories about the city. We wish to keep the existing street landscapes while integrating the new and traditional business formats. This renewal project facilitates the organic urban renewal, yields the networked triggering effect, and engages more stakeholders in the urban renewal efforts.

Modern elements are employed to build a bridge between the old neighbourhood and the young generations. By keeping the time property of the site, we integrate the old and new and the modern and traditional elements. Every visitor and inhabitant will have a sense of belonging and experience a better state of life here.

CLIENT:
Chongqing Sanxia Cultura Co., Ltd

LANDSCAPE ARCHITECT FIRM:
WTD GROUP

LA S NAMES WHO WORKED ON THE PROJECT:
LiHui, LiYansa, TianLe

ARCHITECT FIRM:
Shanghai Dachuan Architects

COMPANY ORGANISATION:
Taiwan Institute of Landscape Architects

ELDERLY COMMUNITY IN ANGEL TOWN, ZHEJIANG

Huzhou Area: 57,040 sqm

The ageing population is rapidly increasing, which means that the ageing of urban space is an inevitable trend. Compared with the services of elderly care institutions, obtaining continuous and comprehensive services in familiar families and communities is more in line with the characteristics of the elderly's psychological and service needs. With the development of the economy and society and the increasing demand of the elderly for the specialisation of elderly care services, the future elderly care institutions will be community-based as much as possible, which not only meets the needs of the elderly for institutional services, but also conforms to the integrated development of institutions, communities and homes mega trend.

Angel Town is located in the centre of the Yangtze River Delta, which includes theme parks, hotel clusters, school education, cultural tourism commercial streets and some residences. After completion, it will be a full-age mixed community that accommodates about 7,000 families.Moshang Huakai Group is a community based on providing medical, food, housing, transportation, learning, medical care, maintenance and other services for the elderly. The interior, architecture, and landscape have fully considered the needs of the elderly. The landscape is designed in accordance with the concepts of suitability for the elderly, humanity and ecology, and the principles of 'focusing on safety, easy access, enjoying comfort, diversification, promoting communication, and being close to nature'. Provide a warm living space for the elderly, so that they can enjoy nature here, relive the warmth of the neighbourhood, and return to a happy daily life.

CLIENT:
Bluetown group

LANDSCAPE ARCHITECT FIRM:
WTD GROUP

LA S NAMES WHO WORKED ON THE PROJECT:
LiHui LiYansa YangYilong

ARCHITECT FIRM:
goa architect

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Koh Brothers Pte Ltd. ADDP Architects LLP, Coen Design International Pte Ltd

COMPANY ORGANISATION:
Tierra Design Studio Pte Ltd

RENOVATION OF THE GUI YANG LEJIE CENTRAL GARDEN

Guiyang Area: 7,600 sqm

The design content of this project is a central garden with an area of about 7,600 square metres located at the Lejie Community of Guiyang City. There are many old living quarters in Chinese cities as Lejie Community represented. After decades of use, the infrastructure and functions of these communities are no longer able to meet the usage habits of modern people. The design team selected the central garden in the community as the beginning of the renovation of the entire old community. It is expected to completely activate the energy of residents living in these old spaces and mobilise residents to participate in the urban renewal and construction work through the renewal of this public garden.

At the same time, during the whole process of work, the design investigated and recorded the residents' preferences for the use of space, made scientific analysis, used design methods, and finally completed this project that will always be used. And even after the renovation, the team organised residents to carry out various co-construction activities in the garden to develop residents' habit of doing garden maintenance and bringing continuous momentum to the continuous renewal of the community, and at the same time make this space part of the collective memory of the residents.

LANDSCAPE ARCHITECT FIRM:
Jiuyuan

LA S NAMES WHO WORKED ON THE PROJECT:
Jian Z,Yuanyang Z, Zhongheng Y, Jilai H

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Yali Lin,Qijian Xu,Jie Huang,Ping Gong,Qianwen Chen,Mengxi Su,Minghui Dai,Peng Yang

COMPANY ORGANISATION:
Guangzhou Landscape Architecture Design & Research Institute Co.,Ltd

BUILD TOGETHER @BEI TAI STREET:PUBLIC SPACE MICRO-RENEWAL PROJECT OF NO.32 COURTYARD IN COLLEGE SOUTH ROAD, BEIJING

Beijing Area: 69,500 sqm

The public space of the No.32 courtyard in College South Road was renewed thanks to the "1+1+N" street planner system of Haidian District and the participation of many parties.

The community is highly ageing, with old buildings and serious private construction, resulting in a lack of outdoor space and unsafe conditions.

During the renewal process, the responsible planner and university partners launched a series of public participation activities called "Build Together@BEI TAI Street," in which residents participated in the project's design, construction, and maintenance, including the removal of illegal structures, the addition of healthy and comfortable public areas, the improvement of barrier-free walking spaces, the environmental improvement of the building facades, night lighting, and other features.

The project has rebuilt the community public space and people's relationships with their neighbours, and more and more residents can actively participate in the design and construction rather than being passive onlookers. This micro-renewal model, which incorporates public participation and multi-governance, serves as a blueprint for the resilient renewal of old communities.

CLIENT:
Beitaipingzhuang Street

LANDSCAPE ARCHITECT FIRM:
Beijing Forestry University ,DYJG

LA S NAMES WHO WORKED ON THE PROJECT:
Wang SY,Wang XR,Zhao XY, Li Y, Zhang SY

CIVIL STRUCTURE ENGINEER:
Hua Rui,Jin Jiaxin,Wang Xuan

BUILDER:
Zhang Hao,Wang Wenxuan

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Hu Ziwei, Wang Jiyao, Qianyuan, Pan Furong, Ma Ke, Hou Wei, Zhu yanmingzi, Li Wuyan

COMPANY ORGANISATION:
Beijing Tsinghua Tongheng Urban Planning and Design Institute

LONGSHAN ELEMENTARY SCHOOL, QUNYING HALL RECONSTRUCTION, HSINCHU

Hsinchu Area: 9,662 sqm

The Longshan Elementary School QunyingHall isn't only a building reconstruction, but also an opportunity for the century-old school to reconnect with the community.

The hall is integrated between campus life and big trees, creating learning spaces for sports, performances and ecology, accompanied by big trees. The openness of ground floor allows air to flow freely and people can pass through freely like the wind too.

Opening up the school's northern boundary, the 2.4 metre height difference between inside and outside the campus, is connected by an outdoor amphitheater that can be shared, it is also the new entrance to the community. Residents can move in and out of the campus freely, and students can walk home slowly.

Seeing the big trees, experiencing the community, feeling each other, we can slowly walk back home together. Learning and life are free, there are no boundaries.

The facade-facing sports field integrates with the existing school building with simple horizontal lines. The mosaic low walls on the community side weakened the cold north wind and bring in greenery, extending into abundant activity spaces. QunyingHall isn't just a building reconstruction, but also an opportunity to make the campus and community's environment friendlier.

CLIENT:
Hsinchu City Government

LANDSCAPE ARCHITECT FIRM:
Fieldoffice Architects

ARCHITECT FIRM:
Fieldoffice Architects

CIVIL STRUCTURE ENGINEER:
Envision Engineering Consultants

LANDSCAPE CONTRACTOR:
ZHOU SHONG Construction Co.,LTD.

LIGHTING DESIGNER:
Fieldoffice Architects

BUILDER:
ZHOU SHONG Construction Co.,LTD.

COMPANY ORGANISATION:
TEAMER INTERNATIONAL

PERFORM THE NATIONAL MOVEMENT-AYI TOWN, SHILIN

Kunming Area: 30,000 sqm

Located by Qingxiang Lake in Shilin Yi Autonomous County, Shilin Ayi Town is a lakeside park and the destination that attracts local residents and tourists from all over the country. It brings together the scenery of the Stone Forest and the culture of Yi people. The team repeatedly considered the proportion of nature and culture, and finally decided to put the cultural value in first place, since it not only represents the cultural confidence of Yi people, but also invisibly let tourists know the local culture. Having determined the design idea, we spent two weeks in the site and its surroundings doing research and survey, collecting cultural symbols of the Yi nationality, and finding out the connection between the symbols and their cultural connotations. In the design, some ethnic symbols are simplified as the design elements and the cultural values are interpreted in a modern way.

LANDSCAPE ARCHITECT FIRM:
LISM DESIGN

COMPANY ORGANISATION:
CPG SIGNATURE PTE LTD

Honourable Mention

TIME LAWN PARK OF SHEKOU IN SHENZHEN, GUANGDONG PROVINCE

Shenzhen Area: 25,000 sqm

Located in Shekou,Time lawn park is Community Park (around which there is a middle school, primary school and several residential areas),the experimental site of Reform and Opening up in Shenzhen, which is originally an idle site with bare surface and disordered trees. But it is the only outdoor open place in a high density community. Its reconstruction has significantly improved the cultural life of local residents, reconnected and revitalised the community. It reuses recycled materials for various facilities to effectively contribute to urban carbon emission reduction. Underground Sponge City measures and rain gardens on site provide the park with a rainwater recycling system. At the same time, 271 original 7 banyan trees and 14 other species of trees that have grown for more than 40 years are retained in the park. Through plant matching, the microclimate environment is improved, and residents are provided with a safe space against disasters such as epidemic diseases, earthquakes and rainstorms, which reshapes an ecological resilient, healthy and vibrant public space.

CLIENT:
Shenzhen Nanshan UA & LE Bureau

LANDSCAPE ARCHITECT FIRM:
SED Landscape Architects Ltd.

LA S NAMES WHO WORKED ON THE PROJECT:
Huang Jianfeng, Huang Lei, Huang Haoliu

BUILDER:
SZ Huali Landscaping Co., Ltd.

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
PA, Our Green MoCa, Owen Residents Committee, Cambridge NC, AC School

COMPANY ORGANISATION:
National Parks Board

Honourable Mention

GREEN COEXISTENCE BRINGS HARMONY SONGRONG PARK

Taipei City Area: 7,265 sqm

Songrong Park is located in the urban renewal area of Songnan military base, Taipei. The future commercial space lies in the north while the Minsheng community lies in the south. The park serves as a bridge between the old and the new. Unlike previous practices focusing on civic participation focusing solely on local needs, this project invites experts, scholars, NGOs, community residents, government agencies, and public opinion representatives into the conversation to build an inclusive and sustainable park for nature and the residents.

Nature is well preserved after the development. More than 80% of the space is used for greenery which prunes away the excess and gives the environment and nature more space. This park thus becomes a buffer green area between the existing community and urban renewal area.

CLIENT:
Taipei City Government

LANDSCAPE ARCHITECT FIRM:
Woodland Design Co.,Ltd.

LANDSCAPE CONTRACTOR:
Zhengyue Construction Co., Ltd.

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Yanhong Tang, Erin Henderschedt, Jinyu Jia, Pan Zeng, Hongxia Zhao, Nan Zhao

COMPANY ORGANISATION:
ECOLAND Planning and Design Corp.

A DIALOGUE BETWEEN OLD AND NEW: RECONSTRUCTING THE MODERN YI VILLAGE

Guiyang Area: 6,663 sqm

The Pearl of the Guizhou Plateau, Hushan Yi Village by the Hongfeng Lake, is surrounded by mountains and rivers and inlaid with forest fields. After historical changes, however, the problem of hollowing out the village became profound. National-level rural revitalisation of agriculture and tourism led to the development of retreat houses in the village. The original farmers' houses were renovated and managed as retreat houses. The design team followed the large base of the original white town of the fishing village. The design is straightforward, using rounded curves and arches to create a leisurely holiday atmosphere. Emphasising the contrast between old and new is central to the overall design. The insights provided by the old and new can help solve rural economic problems by seeing them from different perspectives. The restoration of the public spaces of villages and towns makes it essential to protect water and conserve the environment. This, in turn, makes nature the focus of the design. The original Magnolia forest conceals the entrance to the courtyard. The water courtyard and the continuous arc gates outline light and shadow. The swimming pool reflects the green mountains and azure lakes. The rich outdoor living space is an unforgettable garden. The refined and natural landscape design turns the project into an escape from the bustle of the city that is a truly immersive experience.

The landscape design focuses on connections between old and new elements while still adhering to the design concepts of locality and timeliness. The project team used modern design language to seamlessly incorporate new spaces into the existing site, ensuring that the original space and cultural factors could have the same right to speak.

CLIENT:
Guangda Investment Co., Ltd

LANDSCAPE ARCHITECT FIRM:
Mind Studio

LA S NAMES WHO WORKED ON THE PROJECT:
Jiang Jun, Yang Xiu'e, You Nanfei

QUANTITY SURVEYOR:
Chen Hongsheng

LIGHTING DESIGNER:
Ren Rui, Chen Wei, Jiang Jiayong

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Hao Go,Shuai Yi,Fan Du,Jian Huang,Dingjuan Li,Jie Huang,Yali Lin,Ni Xiong,LishuangHuang

COMPANY ORGANISATION:
Guangzhou Landscape Architecture Design & Research Institute Co.,Ltd

"WASTE AND REVITALIZATION" - A SUSTAINABLE CHILDREN'S GARDEN IN OLD URBAN COMMUNITIES

Beijing Area: 245 sqm

The Keyu Community Garden which is located an old community with a history of more than 60 years in Beijing, incorporates the ecological design concept of "Waste and revitalisation" into participatory construction. Residents, particularly children, participate in repurposing household waste into intriguing toys in the garden, transforming an abandoned community area into a children's eco-friendly playground, outdoor classroom and community eco-garden. Through the engagement of multiple parties, the project aims to recycle and reuse old and abandoned resources and to promote the concept of waste utilisation and waste sorting, thereby improving the community environment and facilitating community integration. It will also help carry out the nature-oriented education and contribute to the sustainable development. The project is an inspiring exploration of the sustainable renewal of community landscape with low cost and low maintenance in old urban communities. The project does not deliberately pursue the renewal of the site, but hopes that the site will integrate into nature and constantly update and grow in the process of use.

CLIENT:
Keyu Community, Beijing

LANDSCAPE ARCHITECT FIRM:
Dept.LA. CAU & NATUREUS Studio

LA S NAMES WHO WORKED ON THE PROJECT:
Huajun Li, Xiangdu Bu, Jian Liu

BUILDER:
NATUREUS Studio, Keyu Community

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Yinjisong, Zhaohu,a Cuijiaqi, Liukongyang, Liuqiang

COMPANY ORGANISATION:
Beijing Institute of Landscape and Traditional Architectural Design and Research Co., LTD.

POCKET PARKS IN THE OLD CITY OF KUNSHAN - A LANDSCAPE DESIGN FOR THE YUN GARDEN, THE ZHIQU STREET CORNER AND THE HUAYI LANE

Kunshan m² Area: 7,203 sqm

Facing problems like "the dilution of urban cultural memory in the old city and the prominent imbalance between the supply and demand of public space", Kunshan Government has launched the "Kun Xiaowei - Shared Lu City" micro renewal plan. As a demonstration project, it aims to use "acupuncture style" interventions in small and micro public spaces, and activate city blocks through public spaces of points, belts, and zones. A joint path of "design + management" was explored, guiding the public representatives to participate in the whole process. With "small investment, big change", the project received positive reactions from local society and government, enhances the sense of achievement and happiness of the residents in old urban areas, and promotes high standard and systematic construction.

The project site is located in the old city of Kunshan, including the Yun Garden, the Zhiqu Street Corner and the Huayi Lane, with a total area of 7,203 square metres. The project was awarded the first prize of Shanghai Excellent Engineering Survey and Design, one of Top Ten People's Projects and one of "most beautiful pocket parks" in Suzhou, and has been recommended as a demonstration project by the State Ministry of Housing and Urban-Rural Development Construction.

CLIENT:
Kunshan Construction Bureau

LANDSCAPE ARCHITECT FIRM:
SJTU Shanghai Edging A&LA CO., LTD.

LA S NAMES WHO WORKED ON THE PROJECT:
YunWang, XiaominTang, LuluChen, YangZhang

ARCHITECT FIRM:
Shanghai Edging A&LA CO., LTD.

CIVIL STRUCTURE ENGINEER:
Liang Zhang,Jiewen Wang,Feng Jiang

LANDSCAPE CONTRACTOR:
Kunshan Sennan Green Eng Co., LTD.

LIGHTING DESIGNER:
Wenjue Gao

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Huang Junyong, Gan Haitao, Xiao Yuling, Liang Xiaoyi, Yang Lizi, Yang Yong, Zhou Kai

COMPANY ORGANISATION:
Shenzhen Hope Design Co., Ltd.

WENJIANG WANSHENG TOD PARK

Chengdu m² Area: 25,664 sqm

The park is not only a breathing green lung of the city, but an ecological green island to relieve the intense living relations in the city, which shapes the green texture of a region, and re-shapes the intimate relationships between human and nature, human and human, as well as human and city.

Located in Wansheng Community of Wenjiang District, this project is 16km away from the central urban area of Chengdu City. The Wenjiang District, known as the "city of university", is an administrative district at the furthest west of Chengdu city. This project is connected to the western terminus of metro line 4. Meanwhile, it connects to the main urban area through highways with many surrounding universities and industrial parks. This is the only "campus economy" development highland in Sichuan Province with industrial development space surrounding universities, and the first development block integrated with "recreational and entertainment business" in Chengdu City.

Wansheng Community TOD Park is a subway park. As the only subway station in this district, people take the subway as the main mode of public transport. As a shot point to connect this community with the main urban area, it is a social hub park that creates a seamless connection among subway, business and residence, which brings a green scene and vitality for this community.

LANDSCAPE ARCHITECT FIRM:
TOPSCAPE

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
KOO-KI Co.,Ltd. / Kumamoto City Landscape Contractors Association

COMPANY ORGANISATION:
NIKKEN SEKKEI LTD

SHIBUYA KITAYA PARK

Tokyo Area: 960 sqm

Kitaya Park, once a neglected public space located in the centre of Tokyo, has been repurposed into an accessible hotspot for the local community to come together on a daily basis as well as for specific events. The park merges seamlessly with adjacent roads and properties as well as the larger public realm network, providing a compatible and interactive platform for a variety of activities led by local residents, office workers and visitors, maximising social and developmental value.

Adjacent to the green-network of Yoyogi Park, Kitaya park is re-envisioned as an extension of that natural environment with native plants, permeable paving and sustainable materials, serving as a green infrastructure that brings various benefits to build a truly resilient community.

Since its opening in April 2021, the redesigned park continues to resonate with the public with strong local support and engagement in community operations and events. With social resilience designed into the space and its governance, this multifaceted design showcases an example of the community and municipality, developers and designers working in concert with an aligned vision of a new approach to vibrant and healthy community environments in sync nature and natural networks.

CLIENT:
TOKYU CORPORATION

LANDSCAPE ARCHITECT FIRM:
NIKKEN SEKKEI LTD

LA S NAMES WHO WORKED ON THE PROJECT:
Shoji Kaneko, Rikizo Nishina, Yi Ge

ARCHITECT FIRM:
NIKKEN SEKKEI LTD

CIVIL STRUCTURE ENGINEER:
TOKYU CONSTRUCTION CO., LTD.

QUANTITY SURVEYOR:
TOKYU CONSTRUCTION CO., LTD.

LIGHTING DESIGNER:
Ripple Design

BUILDER:
TOKYU CONSTRUCTION CO., LTD.

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Huajie Ou; Jiaqi Lin; Chaofan Zhang; Yuan Mao; Fan Tang

COMPANY ORGANISATION:
Chongqing University

SHIGUANGLI GARDEN

Beijing Area: 6,000 sqm

The project is located in Jinzhan Township, Beijing, surrounded by "Pine Art Museum", "Red Brick Art Museum" and other art museums, which is the "art life place" of Beijing. The design takes "Academy art style" as the keynote and pays tribute to the regional environment in temperament. At the same time, the content layout is based on the purpose of "what you see is what you get". All typical scenes are compared with the real scene content of the future living community to meet the marketing needs of the demonstration area. The completion of the project will open up Ning 'an Road, resulting in a change in the flow of the site. It makes the traffic more smooth and activates the abandoned area at the end of Yong 'an Road on the south side of the site.

CLIENT:
Zhongkaiyingtai property Develop

LANDSCAPE ARCHITECT FIRM:
Beijing Landpoint Landscape Design

LA S NAMES WHO WORKED ON THE PROJECT:
Li Jianhong, Li Huawen, Zhang Wenqiang

ARCHITECT FIRM:
Huizhangsi Architecture Studio

CIVIL STRUCTURE ENGINEER:
Hubei Yuanda Construct Group

QUANTITY SURVEYOR:
Huang Li

LANDSCAPE CONTRACTOR:
Shenglong Landscape

BUILDER:
Zhongkaiyingtai property Develop

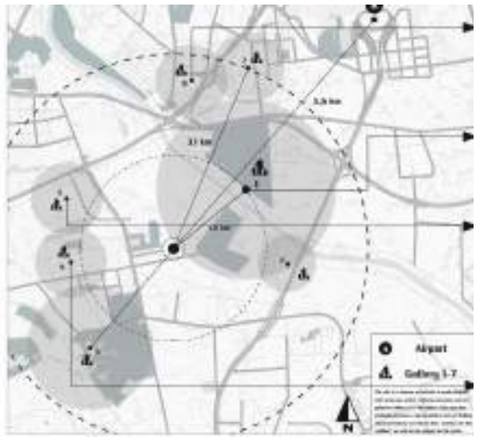
OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Photo credit : Somdul Agroforestry Home website, Mr.Srirath Somsawat

COMPANY ORGANISATION:
Arsomsilp Community and Environmental Architect Co.,Ltd.

GEMDALE HUAZHANG GARDEN

Qingdao Area: 5,774 sqm

The project is located in Shibei District, Qingdao city which is a coastal city with a long history and rich artistic atmosphere. The designer extracted some classical European language from the architecture. At the beginning of landscape design, the designer hoped to extend this kind of elegance including classical beauty into the landscape, and at the same time capture the unique and beautiful scenery of the coastal city and the sculptural feeling under the strong sun, so that the urban characteristics, landscape and architecture can be integrated. In the scene sequence arrangement, with the front yard and back garden as the basic principle, "entering the garden and returning home" and "the interest of garden life" are fully displayed to customers, creating a garden with light as the theme, a modern way to express the sense of historical accumulation of the art hall.



CLIENT:
Gemdale Corporation

LANDSCAPE ARCHITECT FIRM:
Beijing Landpoint Landscape Design

LA S NAMES WHO WORKED ON THE PROJECT:
Li Jianhong, Zhang Wenqiang, Chen Shi

ARCHITECT FIRM:
Shuishi Architecture Planning

LANDSCAPE CONTRACTOR:
Beijing SunShine Landscape Co.,Ltd

LIGHTING DESIGNER:
PINKO Lighting Design

BUILDER:
TOKYU CONSTRUCTION CO., LTD.

BUILDER:
Gemdale Corporation

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Peiwu Li, Zhanfei Zhang, Xiaodong Jin, Liuqing Yang

COMPANY ORGANISATION:
Chongqing University

THE LIVING PATH – GUANGMING TOWN FOREST SPORTS PARK

Shenzhen Area: 4,030,000 sqm

The Guangming Forest Sports Park project is located in Shenzhen, China, covering 4.03 square km,construction began in June 2019. Currently, major works have been completed and the project has opened to the public. Since its opening, the park has been widely praised by the public and has become one of the hottest and most popular tourist sports destinations in Shenzhen. The project has three highlights, which are also the main reasons for applying for this award:

1. Red path, as the most prominent highlight of the project, is not only a beautiful sightseeing path, but also a place to stay, watch and exercise. It closely connects the city, people, forest and playground.

2. Innovative sports site and forms of leisure have improved people's lives, brought benefits to the health of communities, strengthened social ties and enhanced social cohesion.

3. The project adopts a low-impact construction method in technology, and pays attention to the restoration of ecological environment and the protection of animal and plant habitats.

CLIENT:
Guanming Municipal Administration

LANDSCAPE ARCHITECT FIRM:
Beilinyuan LA P&D Inst., LOLA

LA S NAMES WHO WORKED ON THE PROJECT:
F.Ye,T.Wang,CX.Jin,XY.Dong,S. Hu,Peter

ARCHITECT FIRM:
Taller

CIVIL STRUCTURE ENGINEER:
YS.Fang, SJ.Tao, F.Peng, KY.Huang

QUANTITY SURVEYOR:
FJ.Li

LIGHTING DESIGNER:
W.He, FX.Yang

BUILDER:
Guanming Municipal Administration

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
LiYanting, ZhangLanxi, YangQiaowan, Panxu, LiaoWenjian, WangXia, LiuWu, FengRuize, JiangQi

COMPANY ORGANISATION:
LAY-OUT Planning Consultants Co., Ltd.

Honourable Mention

HEIQIAO PARK IN BEIJING – A PROGRESSIONAL AND AFFORDABLE LANDSCAPE

Beijing Area: 1,225,300 sqm

The Heiqiao Park is a bold experiment providing a new model to create a progressive and affordable landscape that responds to the unavoidable urbanisation within the region of Beijing. The 1,225,300 sqm landscape design of Heiqiao Park involved urban hydrology through the instrument of landscape infrastructure, rethinking the essence of the landscape, innovatively redefining it as a space where ecology and society merge. The park is the perfect undertaking to thoroughly implement this idea. The design transformed vacant land left from the demolition of portions of the adjacent Haiqiao Village into a vibrant, urban oasis, and serene, contemporary community park by integrating a series of design strategies, including: stormwater management, phytoremediation, eco-restoration, and cultural landscape design. The project goal was to create an ecological, suburban park serving the area's multi-generational citizens, meeting their leisure and entertainment needs while creating a natural environment for animal and plant habitats through progressive and cost-effective landscape design strategies.

CLIENT:
Cui Gezhuang People's Government

LANDSCAPE ARCHITECT FIRM:
Ecoland Planning and Design Corp.

CIVIL STRUCTURE ENGINEER:
Ecoland Planning and Design Corp.

LIGHTING DESIGNER:
Hua Duan

BUILDER:
Dingfeng Guojian Co., Ltd.

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
LiyiXie, ZhuowenYang, XuChen, ShanYou, ChengPeng, WenWei, Weihong, YanGuo, WeiLiu, JinghuiZhou

COMPANY ORGANISATION:
Guangzhou Landscape Architecture Design & Research Institute Co.,Ltd

Honourable Mention

FUTURE GARDEN OF HOUHAI PRIMARY SCHOOL

Shenzhen Area: 350 sqm

In 2021, with the overall planning of relevant departments in Nanshan district and the participation of a series of social organisations, the action plan "Flowering Nanshan" Nanshan district community was officially released, and the whole society is now recruiting designers with ideals for the community to build gardens together.

CLIENT:
Houhai Primary School

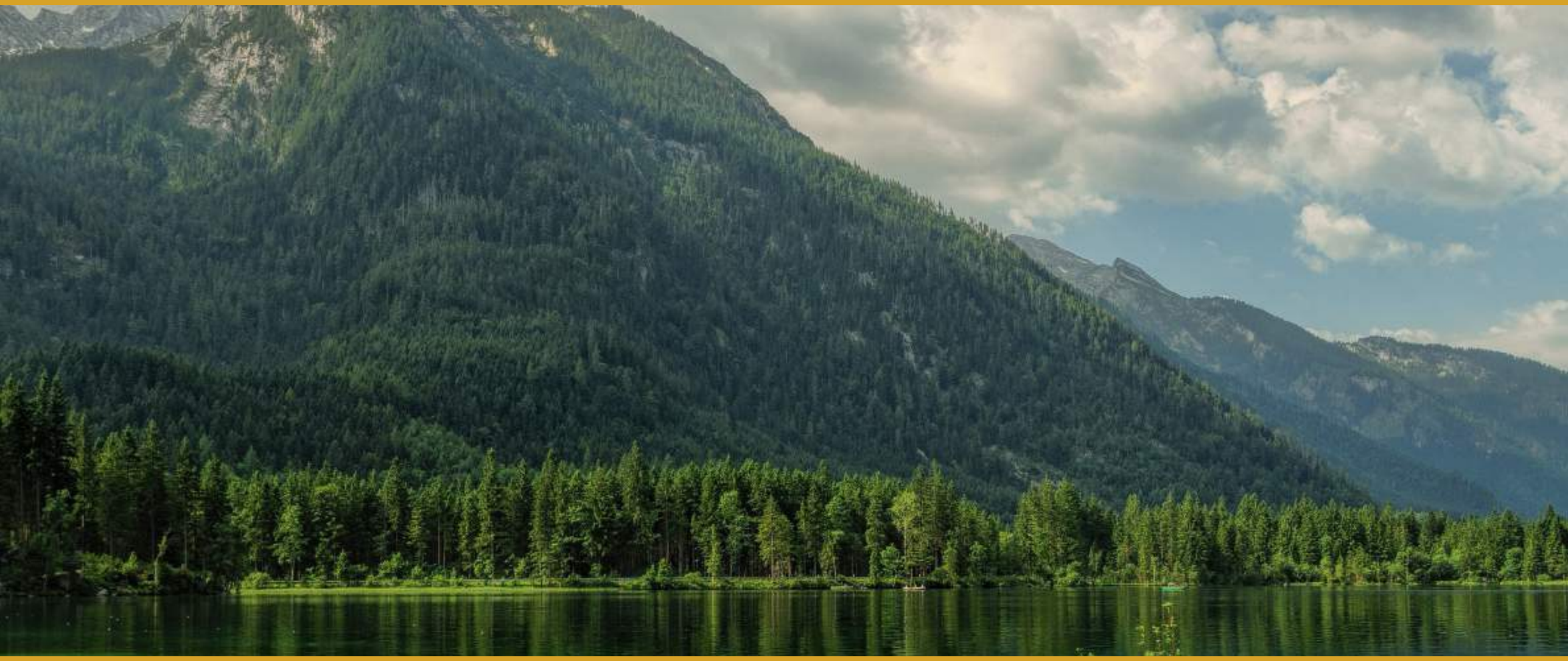
LANDSCAPE ARCHITECT FIRM:
GND Jiedi Landscape Design

LA S NAMES WHO WORKED ON THE PROJECT:
Qiu Ge, Li Bing, Zhong Yongcheng,Yue Xue

LANDSCAPE CONTRACTOR:
Jingxiulvye Landscaping Engineering

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Cao Guangshu, Shao Lei, Han Libo, Zhang Yajun, Zhao Jun, Qian Yucheng, WHITRAP Suzou

COMPANY ORGANISATION:
Suzhou Gardens and Landscaping Administrative Bureau

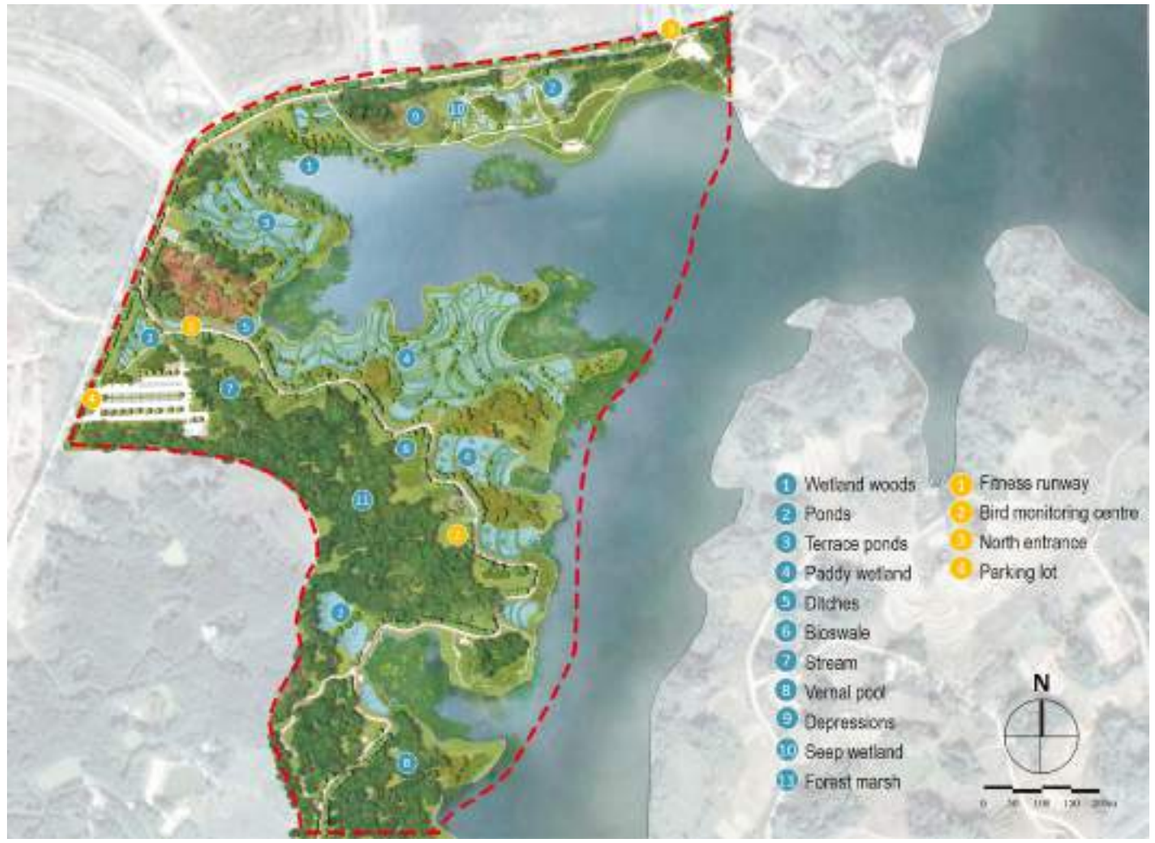


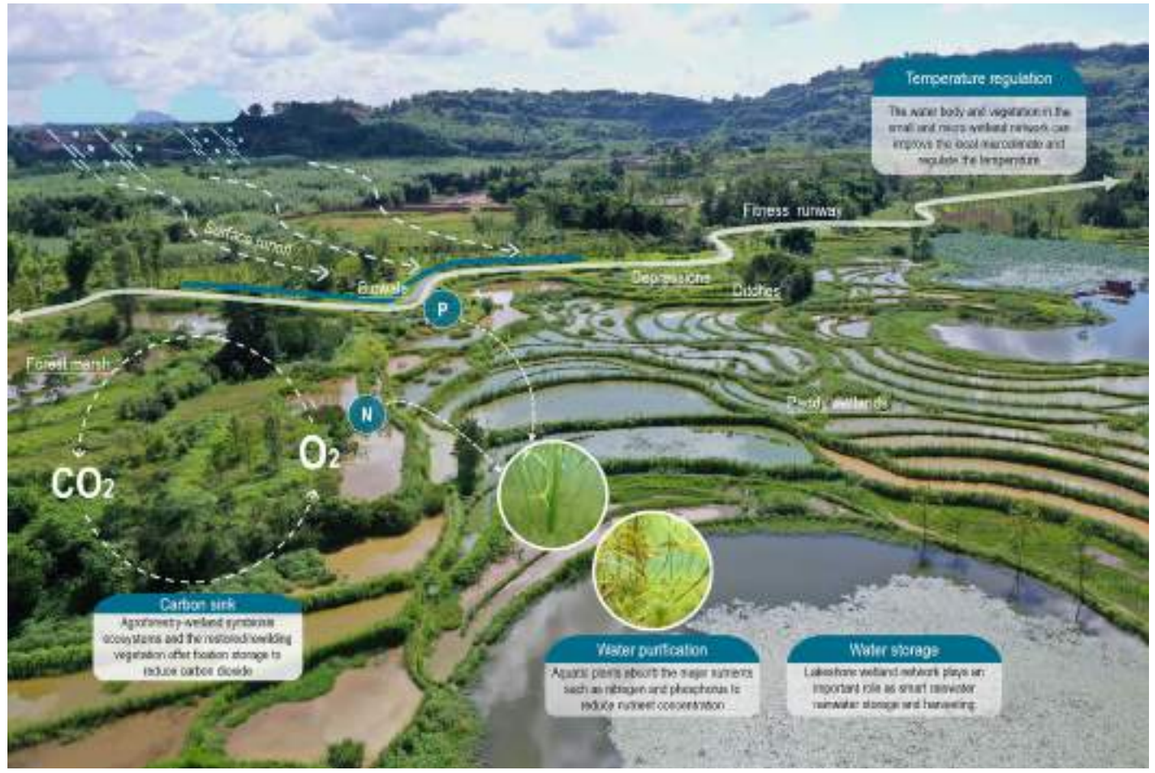
WILDLIFE, BIODIVERSITY, HABITAT ENHANCEMENT OR CREATION

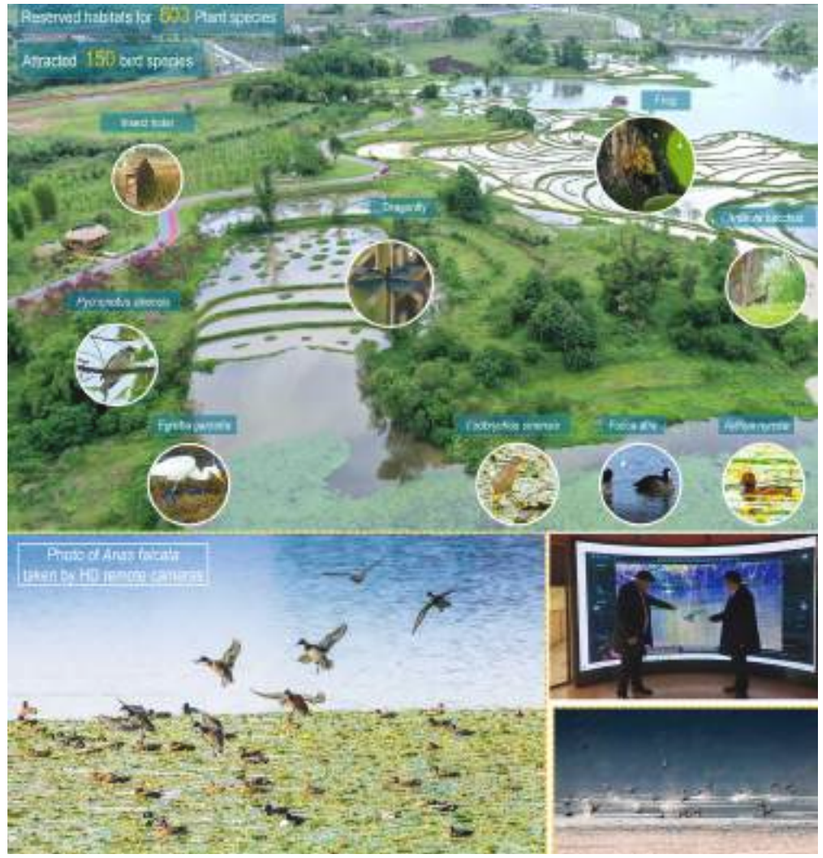
REVIVING LAKESHORE: ADOPTION OF SMALL AND MICRO WETLANDS TO SUPPORT BIODIVERSITY & HUMAN LIVELIHOODS IN THE SHUANGGUI LAKE

Chongqing Area: 728,900 sqm

The shore of Shuanggui Lake in Liangping District, Chongqing, is the interface between the lake and urban areas. Previously, the rapid urbanisation in Liangping resulted in prominent conflicts between humans and the Shuanggui Lake. For instance, the west bank of the Shuanggui Lake was originally covered by degraded vegetation and low-yield arable land, while the waterbody was seriously contaminated due to the non-point source pollution and intensive aquaculture. To cope with the adverse environment and declined biodiversity, we introduced small and micro wetlands including ponds, terrace ponds, seep wetlands, depressions, ditches, bioswales, forest marsh, vernal pool, etc. to optimise the lakeshore ecosystem. Learn from traditional ecological knowledge (e.g., agroforestry systems, terraced agricultural fields, etc.) to design small and micro wetlands, and build a forest-grass-wetland complex in the lakeshore. As a result, the restored lakeshore has become a sustainable public space with high-value ecosystem services. At present, the urban citizens live in harmony with the flourishing life promoted by the lakeshore small wetland networks. Liangping city was therefore nominated by the Chinese government as an "International Wetland city" in 2020, and its small and micro wetland construction of the lakeshore was highly praised by Ramsar Convention Secretariat.







CLIENT:
Liangping Wetland Protection Center

LANDSCAPE ARCHITECT FIRM:
Chongqing University

LA S NAMES WHO WORKED ON THE PROJECT:
Jia Yuan, Xingzhong Yuan, Lingfeng Xiang

CIVIL STRUCTURE ENGINEER:
Min Hu, Xinshun Cai

LANDSCAPE CONTRACTOR:
Qianzhou Ecological Engineering Ltd

BUILDER:
Shikang Chen, Hong Tang, Qiuhua Xu

LIGHTING DESIGNER:
W.He, FX.Yang

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Ma Haipeng, Chen Jiajun, Chen Shenda, Jiang Dingyu, Zhan Zexin, Zhang Libo, Fu Chang'e

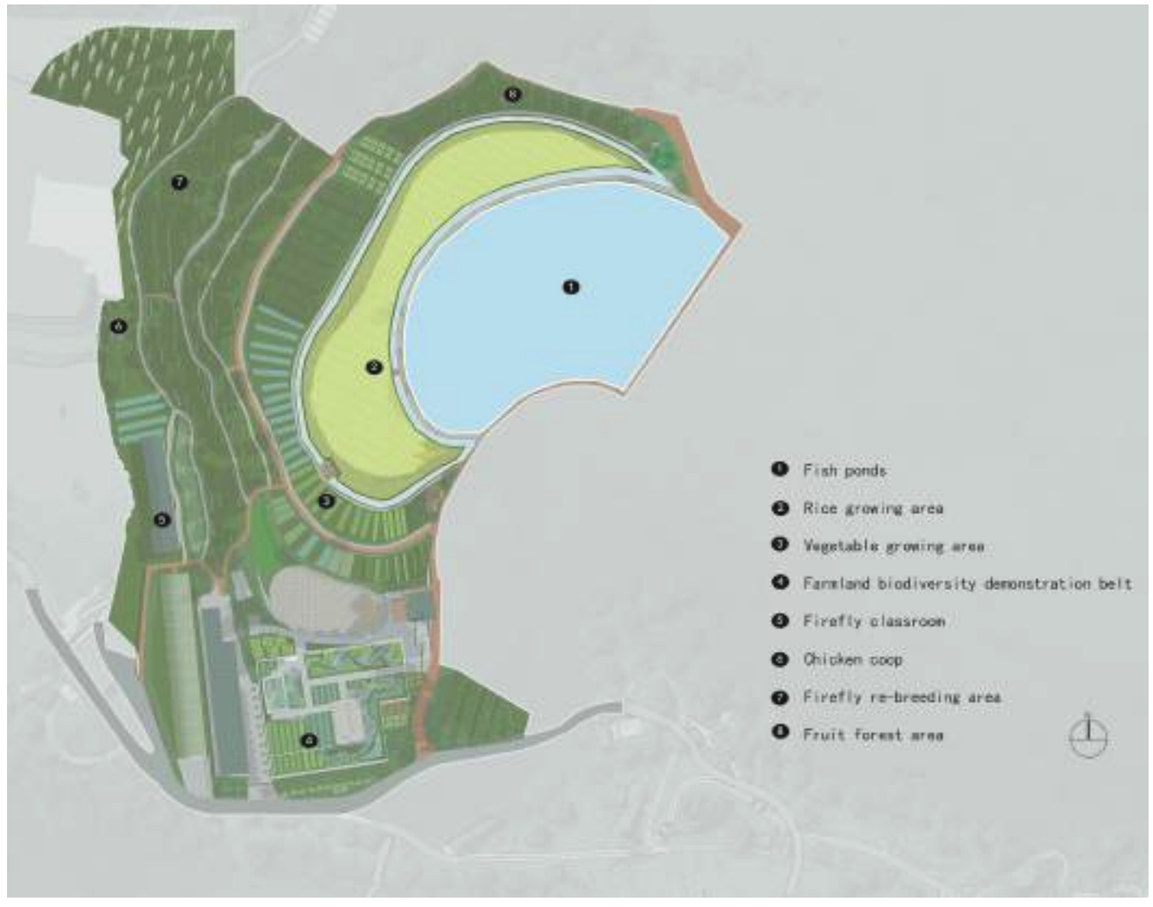
COMPANY ORGANISATION:
RJRX Urban Planning & Design Consultants Co. Ltd., Shenzhen

Outstanding Award

RESEEING STARLIGHT - LANDSCAPE DESIGN OF "INSECT RESEARCH AND LEARNING BASE" FOR FIREFLY VALLEY FARM IN SANHE VILLAGE, CHONGQING

Chongqing Area: 26,000 sqm

The global insect population has declined at a rate of 2.5% per year over the past 30 years. Scientists kept sounding the alarm that it leads to a "catastrophic collapse" of natural ecosystems in which without insects humans cannot survive. The project brings together experts in environmental design, biology, and agriculture to reflect on the ecological disasters caused by global large-scale agricultural production from the perspective of "biodiversity". The combination of natural agricultural methods and insect habitat restoration creates an ecologically sustainable rural environment and rebuilds the relationship between human and nature.



LANDSCAPE ARCHITECT FIRM:

Sichuan Fine Arts Institute

LA S NAMES WHO WORKED ON THE PROJECT:

Hong chunHuang, Xue meiChen, Fei He

CIVIL STRUCTURE ENGINEER:

YuhangFeng

LIGHTING DESIGNER:

QiangYang

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:

Agronomy Consultant: Jinsheng Huang Entomology Consultant: Bin Chen

COMPANY ORGANISATION:

Sichuan Fine Arts Institute

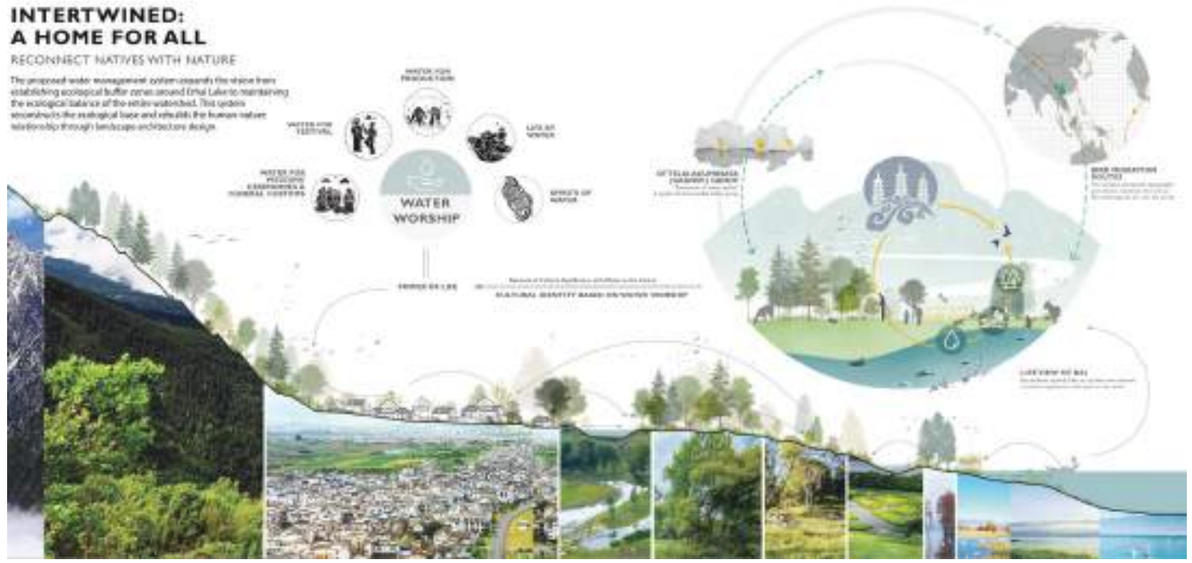
Award of Excellence

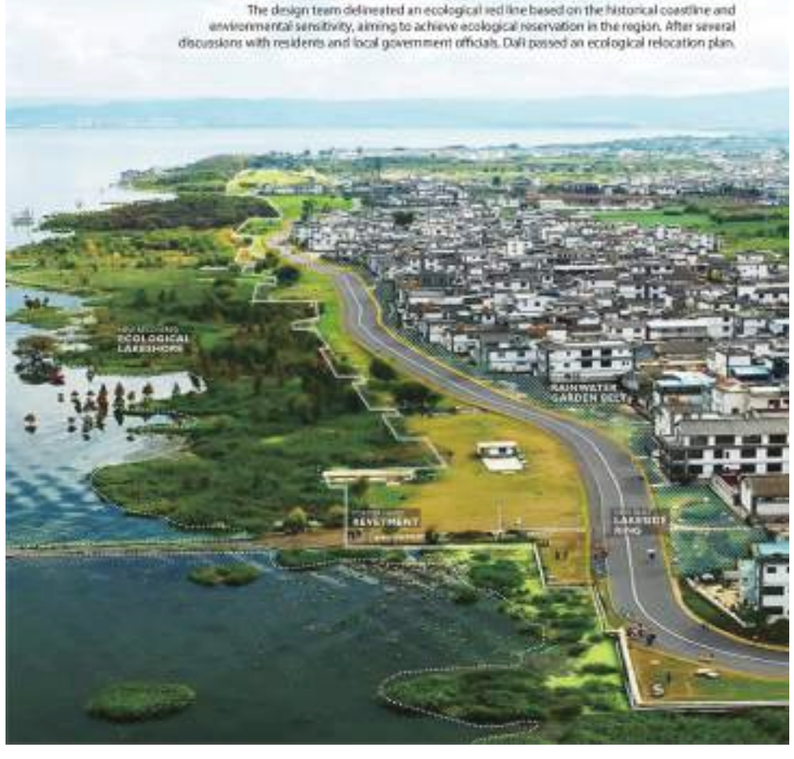
REBLOOMING HERE: ERHAI LAKE ECOLOGICAL RESTORATION PROJECT

Dali Area: 8,983,400 sqm

Ottelia acuminata is an aquatic plant species for clean water. Its reblooming in Erhai Lake demonstrates the ecological recovery process, from a polluted body of water to a resilient and sustainable waterscape. This ecological restoration project improved the threatened ecosystem by creating opportunities for the growth of these delicate blossoms. Erhai Lake plays a vital role in connecting residents of towns around the lake spiritually with mother nature, such as Shuanglang, Xizhou, etc. It serves as a worship place for the Bai people, an ethnic minority with a population of about 53.8% in Dali.

Utilising this unique attachment to the waterscape, the design team maximised ecological benefit with minimal human intervention. The design reinvigorates Dali City's iconic yet filthy water and restores the landscape, environment, and habitat of endangered species while supporting the needs of nearby industry and agriculture.
This project established a 129-kilometre-long, 9 km² open reservation area along Erhai Lake. Its water quality and biodiversity have significantly improved, providing a sustainable lake restoration strategy and system for organisations worldwide.





CLIENT:
Dali Erhai Protection Headquarter

LANDSCAPE ARCHITECT FIRM:
ZEHO ECO, Arcplus-sxadl, BIDR

LA S NAMES WHO WORKED ON THE PROJECT:
Lei Xing, Lingchen Yang, Yingzhuo Guo

CIVIL STRUCTURE ENGINEER:
Yunfei Lu, Jia Zhu, Zhanglei Li

QUANTITY SURVEYOR:
Liying Zhang

LANDSCAPE CONTRACTOR:
YCIH

LIGHTING DESIGNER:
Ming Qi, Hua Song, Guangming Zhao

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Feihu Miao, Teng Ma, Yuchen Wang, Jingbo Fei, Xiaolei Li, Yeqing Zhai, Rui Li

COMPANY ORGANISATION:
Arcplus Group PLC, Shanghai Xian Dai Architectural Decoration & Landscape Design Research Institute Co.,Ltd.

Award of Excellence

WILD AND SCENIC DRAWDOWN ZONE DESIGNATION: OPERATIONALISING RESILIENT DESIGN TO ADAPTING HYDRO-FLUCTUATION IN THE THREE GORGES RESERVOIR

Chongqing Area: 178,300 sqm

Influenced by the complex impacts of the operation of the Three Gorges Reservoir (TGR) and the construction of regulating dam, Kaizhou District of Chongqing, PRC located in the heart of the TGR has formed large-scale drawdown zones along the Hanfeng Lake. These drawdown zones undergo annually cyclic exposure (water level 170.28m) from April to September and submersion (water level 175m) from October to March the following year. The hydrofluctuation causes serious deterioration of vegetation and wildlife habitats, while the drawdown zones accumulate a great load of pollutants. We carried out ecological restoration in the drawdown zone located at Wuyangba on the north bank of Hanfeng Lake, selected suitable plants adapting to the water-level changes and conducted in-situ trials, put forward a variety of naturalistic configuration patterns of plant communities as well as the coupling design of elevation, topography, substrate and plants to create highly heterogeneous habitats for promoting biodiversity. At present, the Wuyangba drawdown zone becomes a beautiful and serene waterfront space and breeding ground attracting a large number of waterfowl and migratory bird populations and is recognised as the best practice of drawdown zone of the urban reservoir.

Strategy 2: The configuration modes of near-natural plant community in the drawdown zone

CLIENT:
Kaizhou Nature Reserve Center

LANDSCAPE ARCHITECT FIRM:
Chongqing University

LA S NAMES WHO WORKED ON THE PROJECT:
Jia Yuan, Xingzhong Yuan, Zuhui Li

LANDSCAPE CONTRACTOR:
Qianzhou Ecological Engineering Ltd

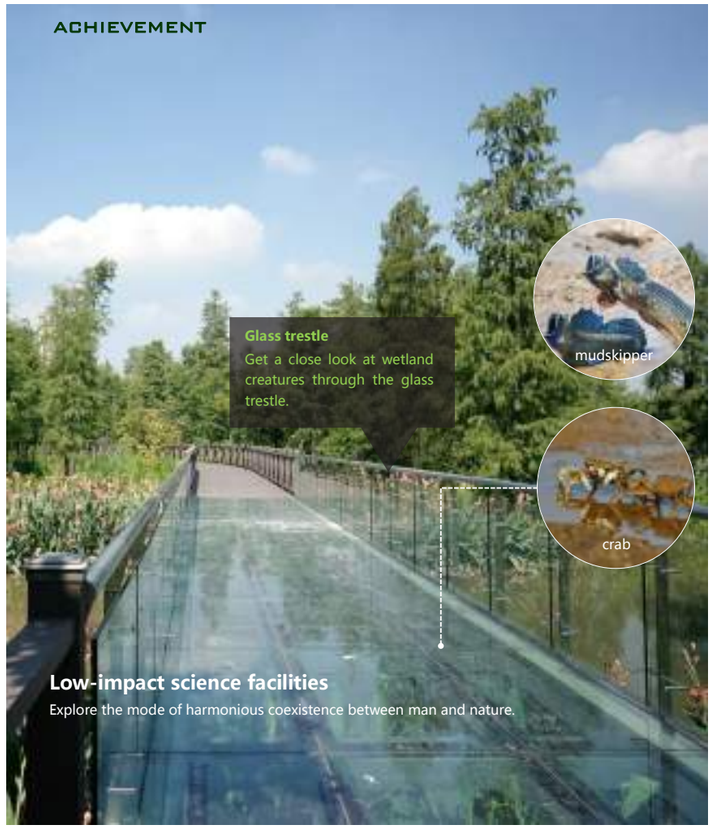
BUILDER:
Sen Xiong, Yazhou Huang, Lijing Wei

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Peiwu Li, Zhanfei Zhang, Xiaodong Jin, Liuqing Yang

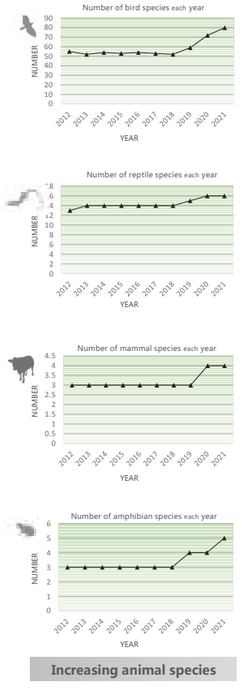
COMPANY ORGANISATION:
Chongqing University

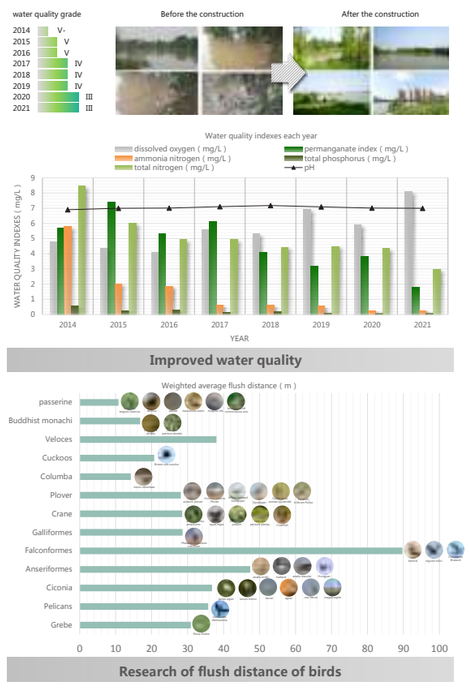
A PIECE OF PRESERVED HOMELAND - WANZUITOU WETLAND PARK IN UNIVERSITY TOWN, GUANGZHOU

Guangzhou Area: 203,000 sqm



The project is located on the Xiaoguwei island in the north of the University Town, Panyu District, Guangzhou. Covering an area of about 203000 sqm the site is surrounded by the Pearl River on three sides and has a good ecological base. While on the other side, the site is adjacent to the University City and the Guangdong Science Center. With the continuous development of urban areas, places surrounding the Wanzuitou wetland gradually became core for human activities in Guangzhou. Consequently, the ecological environment of the wetland was disturbed from the urban development. The design opened up space for local ecological habitats, increased biodiversity, and especially created ideal living spaces for aquatic bird species by restoring parts of their migration corridors. Five design actions were implemented, including 1 Removal of invasive plants, 2 Restoration of the water system, 3 Habitat enhancement and creation, 4 Improvement in vegetation communities, and 5 Implementation of nature education. At the same time, positive human interferences, such as scientific research and outdoor education, were encouraged to make the wetland park a harmonious place with comprehensive functions. In this clamorous city area in Guangzhou, the existence of this site served as a paradise providing a quiet homeland for birds.





CLIENT:
GZFLCC

LANDSCAPE ARCHITECT FIRM:
GZLI

LA S NAMES WHO WORKED ON THE PROJECT:
ZhaotaoLin, SimingZou, FanDu, RuociLiu

CIVIL STRUCTURE ENGINEER:
GuangchengChen, TongTian ZichengZhai

LIGHTING DESIGNER:
MeishengWu, HongLiu, TingtingTan

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
YueMa QingyiZeng LiqiongFan QingLi YanweiLiu JianriLin DuoquanWu YiyuChen HuanhuanLiu

COMPANY ORGANISATION:
Guangzhou Landscape Architecture Design & Research Institute Co.,Ltd

A PARK WITH 24-SEASONSCAPE FORESTS - BEIJING TONGZHOU CENTRAL GREEN FOREST PARK

Beijing Area: 921,947 sqm

Formerly an industrial site, the Central Green Forest Park is now an urban forest habitat achieving 85% forest coverage and a self-sustained stormwater management system in just three years.

As the "green lung" of Tongzhou District, this 11.2-square kilometre site celebrates both the value of time and the heritage of culture. Our design draws on the 24 traditional Chinese solar terms as the core concept and creates 24 seasonscape forests that resonate well with everyday users. The designers innovatively proposed a seemingly messy ecosystem yet an orderly forest framework, which allows a "designed" forest to evolve into a near-natural forest over time.

In the three years since its opening, the park has delivered great ecological and cultural value, and helped create a unique identity for Tongzhou as a sub-centre of Beijing.

CLIENT:
Beijing Investment Group Co Ltd

LANDSCAPE ARCHITECT FIRM:
Hassell

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
BJLA, LACC

COMPANY ORGANISATION:
Hassell

Award of Excellence

THE LANDSCAPE OF TERRA - SUSTAINABILITY PAVILION, DUBAI EXPO 2020

Dubai Area: 18,000 sqm

As one of three flagship pavilions at EXPO 2020, Terra marks an exciting new move towards water-wise, resilient and biodiversity-rich landscapes for the Middle East. Drawing influence from the dunes, wadis and mountains of the UAE's natural habitat, Terra showcases native flora that thrive in the harshest of conditions. Coupled with local and recycled materials, Terra presents a working case study, successfully combining biodiversity and sustainability within a designed urban environment. Terra's landscape has provided a much-needed proof of concept and example to be followed by architects in arid regions.

More than a hundred plants have been brought into cultivation for the first time in the region through the research and testing conducted during the development of the pavilion. Specifically pioneering the cultivation of more than 30 native plants from seed collected in the UAE's natural environment, Terra has been directly responsible for expanding the palette of native plants available in nurseries. These native plants have now been adopted by the masses, including municipalities and developers. The pavilion uses a fraction of the resources typically required by landscapes in the region and is alive with the sights and sounds of native insects and birds, despite its urban setting.

CLIENT:
EXPO 2020

LANDSCAPE ARCHITECT FIRM:
desert INK

LA S NAMES WHO WORKED ON THE PROJECT:
Duncan Denley; Romit Chakravarty

ARCHITECT FIRM:
Grimshaw Architects

CIVIL STRUCTURE ENGINEER:
Buro Happold

LANDSCAPE CONTRACTOR:
Proscape

LIGHTING DESIGNER:
Buro Happold

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
EDEN Project International

COMPANY ORGANISATION:
EDEN Project International

BANYAN TREE NANJING GARDEN EXPO

Nanjing Area: 40,000 sqm

The aim is to create a "Garden"that will be in full bloom forever, and create a world class garden group by means of gardening art, ecological cultivation and diversified functions; technically, adopt ecosystem, practice the concept of urban double repair, repair the ecological base and build an ecological corridor. Banyan tree is located in Tangshan Longquan quarry, built in 1990. Large areas of gray and bare cliffs and rocks are the current situation of the base. The shape of the building is built close to the mountain and integrated into the mountain forest and stone walls. The main purpose of landscape design is to retain the landscape characteristics and style reproduction of industrial sites. Therefore, we use ethereal cloud pool and suspension viewing, and integrate the scene of mid mountain cliffs and multi-dimensional space into the landscape design. The form is like mid mountain cliffs suspended in mid air, like the integration of indoor and outdoor space, and like an air garden above the sea of clouds.

CLIENT:
JIANGSU GARDEN EXPO

LANDSCAPE ARCHITECT FIRM:
HANCS Landscape

LA S NAMES WHO WORKED ON THE PROJECT:
HANCS, LANQU LAI

ARCHITECT FIRM:
CADG (Academician Kai Cui)

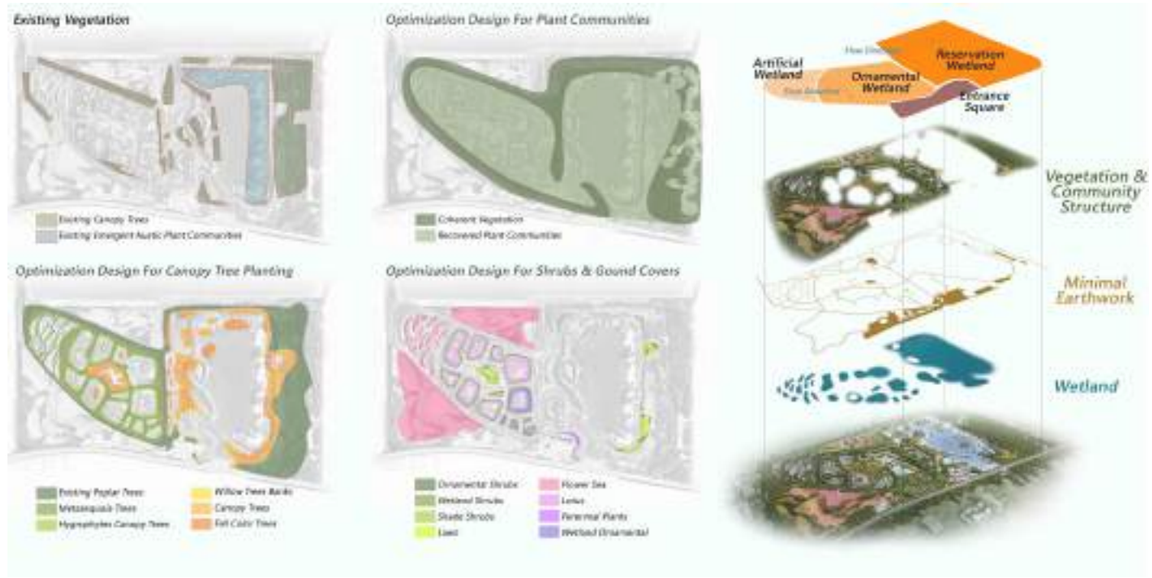
COMPANY ORGANISATION:
瀚世国际设计

SHAHEWAN WETLAND PARK ZHOUKOU CITY, HENAN PROVINCE

Zhoukou Area: 450,000 sqm

On the site of Zhoukou Shahewan Wetland Park (45 hectares) was originally the ash pit of a thermal power plant, which has been left abandoned since 2010. Ash and cinders were piled up year after year, forming a contaminated area. Therefore, through pollution treatment and natural habitat restoration, the design team re-established a stable and sustainable ecological network, providing a favourable habitat for animals and plants, and making Shahewan Wetland Park an important carrier of Zhoukou's ecological restoration programme.

Designed with the principle of ecology first, the park integrates human-oriented experience, interactive landscape and science popularization education, providing an ecological, recreational and educational urban space. It is the first and only state-level urban wetland park in Zhoukou city. Its success is of great significance not only for pollution control, but also to the society for it will serve more than 10 million Zhoukou citizens.



LANDSCAPE ARCHITECT FIRM:
Beijing Sunshine Landscape Co.,Ltd

LA S NAMES WHO WORKED ON THE PROJECT:
Xiaoyu Cao Liu Yang Xiaoqing Zhang

COMPANY ORGANISATION:
Beijing Sunshine Landscape Co.,Ltd

LAKE PALACE LANDSCAPE DESIGN

Dalian Area: 275,000 sqm

Located in the coastal city of Dalian, the Lake Palace Landscape Design is inspired by Song-style garden, where landscape is integrated with community. It creates a new Chinese-style lakeside villa with open scenery and profound artistic conception. The landscape design aims to purify the lake, add green area in revetment and loop runway around the project. Based on the original description of "The Story of Peach Blossom Spring", four themed areas are designed as seeking along the stream, grassland, hill stones, and lakeside scenery. With the movement of seeking, getting, touring and seeing, the landscape design makes visitors travel through time and space in the garden. The landscape architects respect the site context and pay attention to the preservation of local culture, exploring the most suitable space, scale, and materials at a reasonable cost. Reaching a balance between cost, maintenance, and presentation effects, the project meets the site function and stimulates the vitality of the area, and creates a regional park for the community, creating a park with local characteristics and providing functional and ecological services for the urban environment, and returning the hidden romantic waterfront scenery to the citizens.

LANDSCAPE ARCHITECT FIRM:
MEDG

COMPANY ORGANISATION:
MEDG

HEALING MOUNTAIN NATURE— LANDSCAPE DESIGN FOR PEACH BLOSSOM SPRING RESIDENTIAL IN ANJI

Huzhou Area: 10,792 sqm

The landscape design evokes the poetic fable "Peach Blossom Spring" , a healing approach creates an authentic mountainous ecological system previously decimated by the dwelling architecture construction process. The initial site, consisting of seven attached housing units with a shared central courtyard, was characterised by 12 metres of unruly terrain and roads leading up from the visitor parking. The designers kept in mind that "clear waters and lush mountains are invaluable assets" and implemented a series of ecological restoration processes. Side slopes razed by road and building construction were repaired by bio-engineering solutions, and native flora was re-introduced. A carefully designed storm water management system was arranged to direct runoff from the site to the regional hydrological system. Around the multi-family villas, a rich planting of native flora was introduced, restoring the area's biodiversity. The vibrant ecological process re-activated and seamlessly integrated with the community amenities. The result is a restored hillside that restores an artful community social environment nestled amongst flourishing nature.

CLIENT:
GREENTOWN

LANDSCAPE ARCHITECT FIRM:
ECOLAND Planning and Design Corp.

LA S NAMES WHO WORKED ON THE PROJECT:
Yuezhong Chen, Yan Wang

ARCHITECT FIRM:
Bluetown Architects

LANDSCAPE CONTRACTOR:
Qinghe Garden Engineering Co., Ltd.

LIGHTING DESIGNER:
ECOLAND Planning and Design Corp.

BUILDER:
Qinghe Garden Engineering Co., Ltd.

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Yanhong Tang, Erin Henderschedt, Pan Zeng, Vince Abercrombie

COMPANY ORGANISATION:
ECOLAND Planning and Design Corp.

CREATION OF AN ECOLOGICAL AND BIODIVERSE LANDSCAPE, SETIA FONTAINES, PENANG

Penang Area: 6,777,600 sqm

Setia Fontaines, a 700 Ha township, is planned as an eco-friendly lifestyle destination, focused on resilience and environmental transformation to combat climate crisis issues. The project outcome boasts a 100 acre Heritage Park, 8 8 km of waterways and 9 Heritage Themed Fountaines. The goal is to maintain environmental and social balance. As a former palm oil plantation, the site was environmentally degraded and required extensive restoration to achieve the vision of a green community. Initial site studies and subsequent research involved multiple specialists and agencies, in a groundbreaking process that has proven highly successful.

A new approach to decision making was adopted along with multiple workshops to identify critical challenges and constraints related to ecology, location and culture. This collaborative approach resulted in consultants working alongside specialists, with indigenous cultural land management knowledge, to successfully mitigate the adverse impact of climate crisis, using nature based solutions. The result is a lush green development and successful reinstatement of biodiversity.

A benchmark for methodology and commitment, the landscape respects the cultural and natural heritage, designed to balance history with modern day, impacting lives of residents with deeper appreciation for environment, landscapes and celebration of biodiversity.

CLIENT:
SP Setia Berhad

LANDSCAPE ARCHITECT FIRM:
Surbana Jurong Consultants Pte Ltd

LA S NAMES WHO WORKED ON THE PROJECT:
Oliver Ng Boon Lee

COMPANY ORGANISATION:
Surbana Jurong Consultants Pte Ltd

URBAN INFRASTRUCTURE FOR WILDLIFE: PAIYA - QINIANG MOUNTAIN NODE ECOLOGICAL CORRIDOR, SHENZHEN

Shenzhen Area: 1,329,200 sqm

Paiya — Qiniang Mountain Node Ecological Corridor is an urban infrastructure specially built for wildlife in Shenzhen, a highly urbanised and biodiversity-rich city, against the backdrop of increasingly serious climate crisis and biodiversity loss. The project is dominated by landscape, interdisciplinary integration of engineering technologies such as bridges, ecology, water supply and drainage, etc., and systematically created an open and composite ecosystem.

Through construction of cross-road ecological corridor bridges, creation of natural habitats on bridges, reconstruction of culverts under roads, wetland restoration and construction, vegetation conservation and forest phase reconstruction, road reconstruction, soil and water conservation projects, traffic sign facilities, scientific research monitoring and other strategies, the project connects the fragmented wildlife habitats that were previously divided by Pingxi Road. It provides a free migration corridor and natural ecological habitats for subtropical evergreen broad-leaved forest wildlife represented by Prionailurus bengalensis in Dapeng Peninsula. It plays a vital role in maintaining biodiversity and improving the ecological value of the city.

CLIENT:
Dapeng Public Works Department

LANDSCAPE ARCHITECT FIRM:
Shenzhen Hope Design,SMEDRIC

LA S NAMES WHO WORKED ON THE PROJECT:
Wan Hao, Qin Cao, Gan Haitao

ARCHITECT FIRM:
Shenzhen Hope Design,SMEDRIC

CIVIL STRUCTURE ENGINEER:
Shenzhen Hope Design,SMEDRIC

QUANTITY SURVEYOR:
Huasheng Construction Group

LANDSCAPE CONTRACTOR:
Huasheng Construction Group

LIGHTING DESIGNER:
Shenzhen Hope Design,SMEDRIC

BUILDER:
Dapeng Public Works Department

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Wang Hewen, Huang Junyong, Li Peng, Luo Liang, Cai Shengjie, Wang Lingbin, Bi Donghe

COMPANY ORGANISATION:
Shenzhen Hope Design Co., Ltd.

WETLAND CONSERVATION DESIGN BASED ON NBS AND CLIMATE CHANGE ADAPTATION-ECOLOGICAL RESTORATION OF THE MUDFLATS ALONG THE WUHUI EMBANKMENT OF THE YANGTZE RIVER ECOLOGICAL RESTORATION

Wuhan Area: 946,000 sqm



In 1955 Wuhan Iron and Steel Group started construction on the south bank of the Yangtze River in Wuhan, and with it, the riverside wharves were set up, burning coal was abandoned on the Yangtze River mudflats, and the original wetland mudflats were hardened with a large amount of cement into dumps, which greatly damaged the original ecological environment.

After the local government realised the importance of ecological environment in 2018 it quickly launched ecological protection and restoration along the Yangtze River. With nature-based solutions and adaptation to climate change as countermeasures, the soil in the site was first tested, various types of solid waste were cleaned up, and then the cement-hardened ground in the site was broken up. Wetland restoration was carried out on the mudflat wetlands in the key treatment area, which thoroughly improved the ecological environment of the project site.

LANDSCAPE ARCHITECT FIRM:
SJTU, Wuhan Eco-Weme, Shanghai Weme

LA S NAMES WHO WORKED ON THE PROJECT:
Zhu Liqing, Song Benyun, Cheng Xu

ARCHITECTURE FIRM:
Shanghai Jiao Tong University

CIVIL STRUCTURE ENGINEER:
Wuhan Eco-Weme Landscape

QUANTITY SURVEYOR:
Shanghai Weimei Landscape

LIGHTING DESIGNER:
Xia Yang, Xue Ning, Wang Yang

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Wuhan Eco-Weme Landscape Planning and Design Research Institute Co.

COMPANY ORGANISATION:
Shanghai Jiao Tong University, Shanghai Weimei Landscape Design Engineering CO., LTD, Wuhan Ecological Weimei Lanscape

BAITENG MOUNTAIN ECOLOGICAL RESTORATION WETLAND PARK

Zhuhai Area: 192,000 sqm

It is surrounded by mountains and rivers and has a good ecological environment. It used to be a high-quality natural habitat. In the urban development, it became a quarry and later a prefabricated site for building materials. The mountain was damaged and hardened, and there were traces of quarrying and concrete everywhere.

Baiteng Mountain Ecological Restoration Wetland Park is located at the foot of Zhuhai Baiteng Mountain, connecting Zhuhai Jinwan and Doumen.




CLIENT:
Zhuhai Jinyi Ecological

LANDSCAPE ARCHITECT FIRM:
SMEDI

LA S NAMES WHO WORKED ON THE PROJECT:
Yang Lili, Li Yaqun, Luo Qiang, Chen Jian

BUILDER:
Shanghai Construction Engineering

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Lv Yongpeng, Yuan Jiamei, Li Xinjian, Huang Wenjuan, Gao Yang, Liang Yongxian

COMPANY ORGANISATION:
Shanghai Municipal Engineering Design Institute(Group)Co.,Ltd.

ECOLOGICAL RESTORATION OF WUYUN LAKE PARK IN CHONGQING

Chongqing Area: 257,000 sqm

The location of the project site is the core of Wuyun Lake Area, covering an area of 25.7 hectares. It is adjacent to the Shapingba Enterprise Innovation Service Center, surrounded by Microelectronics Industrial Park and Taipei City-funded Information Industrial Park, with obvious location advantages. According to the construction requirements of the area departments, the project would build a high-quality natural green space to serve the "Shapingba Enterprise Innovation Service Center in the Free Trade Experimental Zone". The site has convenient transportation, rich natural environment: natural undulating hillsides, winding reservoirs, high vegetation coverage, stable and high-quality ecosystems and good environmental foundation. However, the site is in a relatively primitive ecological condition; the terrain of the current site is complex and changeable; the slope of some hillsides is steep. How to prevent potential natural disasters, public health events and other risks? How can urban green space enhance the sustainability and resilience by providing a variety of ecosystem services? These all are the challenges that the project needs to address.

CLIENT:
CQ INTERNATIONAL LOGISTICS HUB PARK

LANDSCAPE ARCHITECT FIRM:
T.Y.LIN international ltd (China)

LA S NAMES WHO WORKED ON THE PROJECT:
YangJing, WangHuiqiong, XiaoPan

LANDSCAPE CONTRACTOR:
Cq JinDian Landscape Co., Ltd.

BUILDER:
Cq JinDian Landscape Co., Ltd.

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
LiZi, XieWenli,DingChong, TongJiayue, TangShuang, LiYuxin

COMPANY ORGANISATION:
T.Y.LIN international ltd (China)

THE CHUANMALT WHISKY DISTILLERY LANDSCAPE DESIGN, EMEISHAN, SICHUAN PROVINCE

Leshan City Area: 13,500 sqm

Due to the unique "terroir" with high-quality water, minerality, and nature, the site of The ChuanMalt Distillery is chosen to be the first whisky production base in Sichuan. Inspired by the rich natural elements on site, the landscape architect and architect work closely to create a project that blends in the background and shapes poetic and inspirational experiences, signifying the concept of harmony, appreciation, and cohabitation with nature.

CLIENT:
Pernod Ricard Group

LANDSCAPE ARCHITECT FIRM:
YIYU design

LA S NAMES WHO WORKED ON THE PROJECT:
Yifeng Lin, Jing Sun, Yizheng Tian

ARCHITECT FIRM:
Neri&Hu Design and Research Office

LANDSCAPE CONTRACTOR:
Suzhou Hezhan

BUILDER:
Qi'an Group (Architecture)

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Experience design: BRC Imagination/Arts Artist: Zhan Wang

COMPANY ORGANISATION:
YIYU design

Honourable Mention

MIGRATORY BIRD PARADISE-THE ECOLOGICAL GREEN CORRIDOR OF DONGPING LAKESIDE AVENUE,DONGPING,SHANDONG

Tai'an City Area: 1,100,000 sqm

The project of migratory bird paradise is located on the east side of Dongping Lake in Shandong Province. It is a renovation project of the lakeside green corridor. The project starts from Water Margin Ancient Town and ends at Old lake pier of Tai'an Port, with a total length of 9 km and a total area of 1,100,000 sqm.

The design adheres to the core concept of "creating a new ecological wetland corridor and building a bird habitat". Using the concepts of ecological priority, putting people first and inheriting history to sort out the current water system, strengthen biodiversity and organise vitality.

Meanwhile, a comprehensive transitional habitat network of patches, nodes and corridors has been established to allow a large number of rare animals and plants to live permanently, especially the national level to protect animals and critically endangered species - Baer's pochard.

The project has created a lakeside blue-green corridor that integrates ecology, landscape, leisure and culture, providing a way to achieve the good wishes of harmonious coexistence between man and nature, and a good benchmark for building.

LABEL

01. Main Entrance 02. View platform 03. Egret flying Spot 04. Leisure space
05. Gentle breeze Spot 06. Greenway 07. Lakeside grass steps 08. Lakelight Spot
09. Lakeside reeds Spot 10. Step garden and grassland 11. Woodland and wild Spot
12. Second entrance 13. Splendid Flower

CLIENT:
Eco-Forestry DEVT Center,Dongping

LANDSCAPE ARCHITECT FIRM:
DAQIAN ECOLOGY & ENVIRONMENT GROUP

LA S NAMES WHO WORKED ON THE PROJECT:
Zhao Qian,Xu Le,Zhou Yukun,Song Xihan

BUILDER:
DAQIAN ECOLOGY & ENVIRONMENT GROUP

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Gao Yan,Liu Xiaoli,Wu Min,Zhao Xingmin,Zhang Xiaodan,Wang Zhengdong,Yao Jing,Li Xiaojun

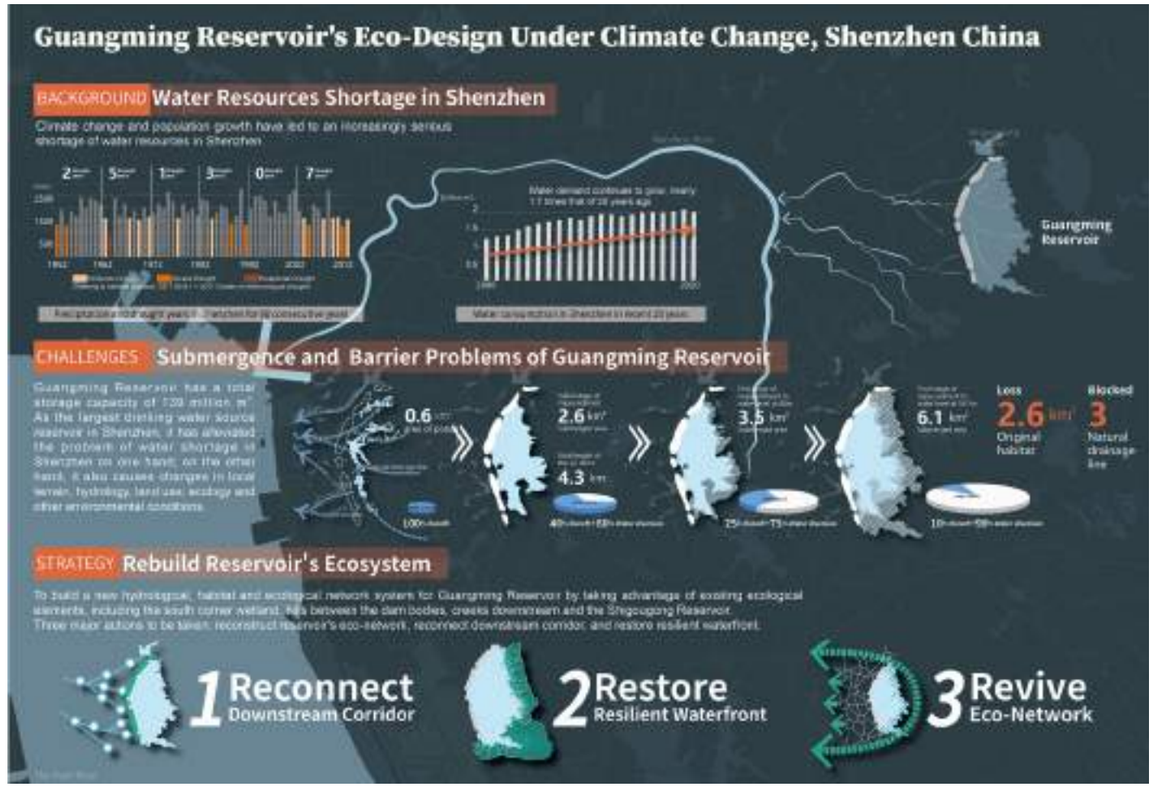
COMPANY ORGANISATION:
DAQIAN ECOLOGY & ENVIRONMENT GROUP

ANALYSIS AND PLANNING

PLANNING DESIGN FOR BLUEWAY ALONG GUANGMING LAKE IN SHENZHEN

Shenzhen Area: 32,47 sqkm

Challenged by extreme climatic conditions, Shenzhen has been facing water shortages. As the largest reservoir in Shenzhen, Guangming Lake is responsible for water supply, water regulation and storage to water plants in the western and northern parts of Shenzhen. In order to cope with the drought, the Dongjiang and Xijiang water diversion projects are designed to deliver water to Guangming Lake, with the result of the rise of the water level from 40 metres to 59.7 metres. The water storage of Guangming Lake has changed the environmental conditions such as topography, hydrology, land use and ecology. To ensure the safety of the reservoir dam and water quality, the project team proposed three resilience design strategies to reshape the ecological network and carried out detailed planning and design in combination with the rich surrounding natural and human resources. The design concept "Conservation in the east, Sharing in the west" aims to achieve multiple goals such as habitat reconstruction, biodiversity conservation, water and soil conservation in the basin, improvement of water self-purification capacity, enhancement of woodland diversity, recycling of water resources, and the release of open space around the lake.



CLIENT:
Shenzhen Water Authority

LANDSCAPE ARCHITECT FIRM:
AECOM

LA S NAMES WHO WORKED ON THE PROJECT:
Tungsheng Shen, Bing Zhong, Shaona Yu

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
KCAP B.V. / WEi Studio Landscape Architecture

COMPANY ORGANISATION:
AECOM

Outstanding Award

THE REVITALIZATION OF AN ANCIENT RIVER - BLUEWAY PLANNING & DESIGN OF SHANGLIAO RIVER IN SHENZHEN CITY, GUANGDONG PROVINCE

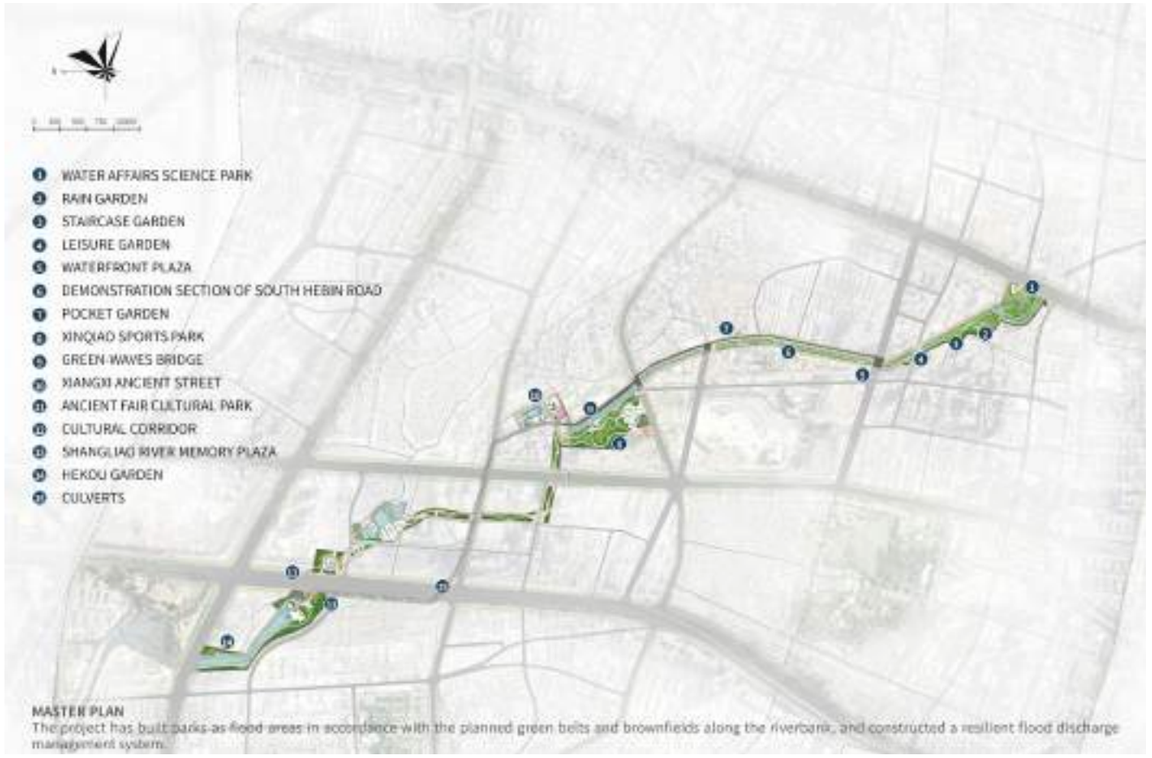
Shenzhen Area: 245,000 sqm

Shangliao River located in Shenzhen City, is frequently lashed by torrential rains in coastal area. In the last few decades it has been transformed from its natural state into a channelised concrete profile for the sole purpose of flood relief in the face of the city's rapid industrialisation. Unlike the young mega-city however, Shangliao River has an ancient history that has shaped the surrounding landscape and provided a platform for cultural civilisations to thrive as far back as the Ming and Qing dynasties. Has the Shangliao's environmental and cultural significance been lost forever? Or can the river fight back and restore all that has been lost for the benefit of a greener, more commercially viable city in the face of climate change?

Facing these challenges, the planning proposal aims to revitalise the ancient river by virtue of three main strategies:

- Stormwater Management
- Ecological Restoration
- Cultural Revival

These strategies not only serve to reconnect the river to the city and its people but also serve as a model for cities to deal with flooding under the impact of global climate change.



HABITAT RESTORATION

CREATE THE CULTURAL MEMORY SPACE
Activate cultural relics on both riversides, and construct waterfront activity space with distinctive characteristics via landscape transformation.

AERIAL VIEW

CLIENT:
Water Authority of Bao'an District

LANDSCAPE ARCHITECT FIRM:
Beilinyuan LA P&D Inst.

LA S NAMES WHO WORKED ON THE PROJECT:
F.YE,JH.CAI,TR.ZHU,H.ZHAO,YY.WU,SW.LI

LIGHTING DESIGNER:
TG.LUO,LY.XU, JY.LIU,ZW.SONG,CP.LI

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
KJ.CHEN,YX.LU,YQ.ZHUANG,ZX.ZHONG,HJ.YANG,YF.SHI,H.SUN,H.LIU,WY.JIANG,JS.XIAO,YY.TAN

COMPANY ORGANISATION:
Shenzhen BLY Landscape & Architecture Planning & Design Institute Co., Ltd.

Outstanding Award

NORTHERN SEAWALL ECOLOGICAL CORRIDOR OF SINO-SINGAPORE TIANJIN ECO-CITY

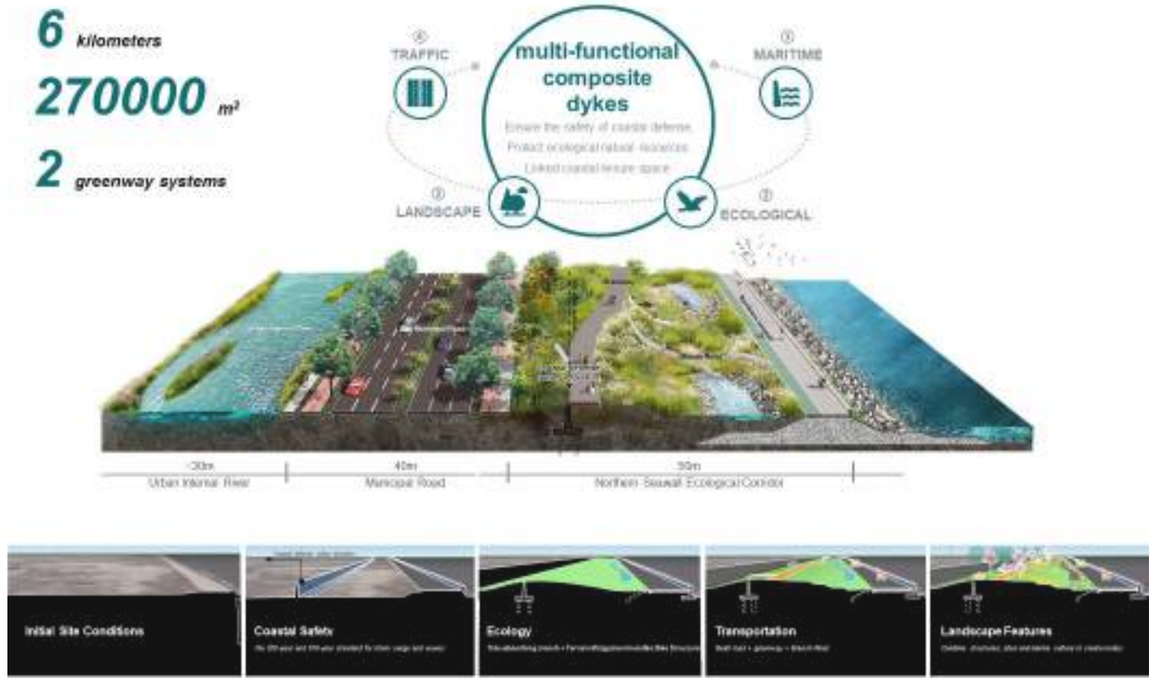
Tianjin Area: 0,27 sqkm

As an urban safety barrier, the northern seawall ecological corridor of Sino Singapore Tianjin Eco City has excellent natural and biological resources.

Conventional seawall designs are usually heavily engineered technical structures made with concrete elements like tetrapods and rigid seawalls, focusing solely on technical parameters, while neglecting ecological, aesthetical, and social aspects of the shoreline design.

Our planning strategy aims to create a distinct alternative to typical engineered structures. It is based on the concept of "urban resilience" and builds a landscape design framework that is highly adaptable to potential storm surge disasters. Based on the planning concept of a "Resilient Coastal Corridor with a symbiosis of manmade and natural elements", our plan advocates a resilient coastline that integrates safety, ecology, and landscape experience, selects design strategies according to local conditions, maximises the use of natural ecological resources, and combines both engineered coastal protection measures and more natural, flexible design approaches.

We no longer define the relationship between the city and the ocean as rigid defense and resistance, instead we aim for a more flexible and interactive way to dissolve the potentially destructive forces of the sea and develop a relationship of reconciliation and symbiosis.



3 *types of plant features*

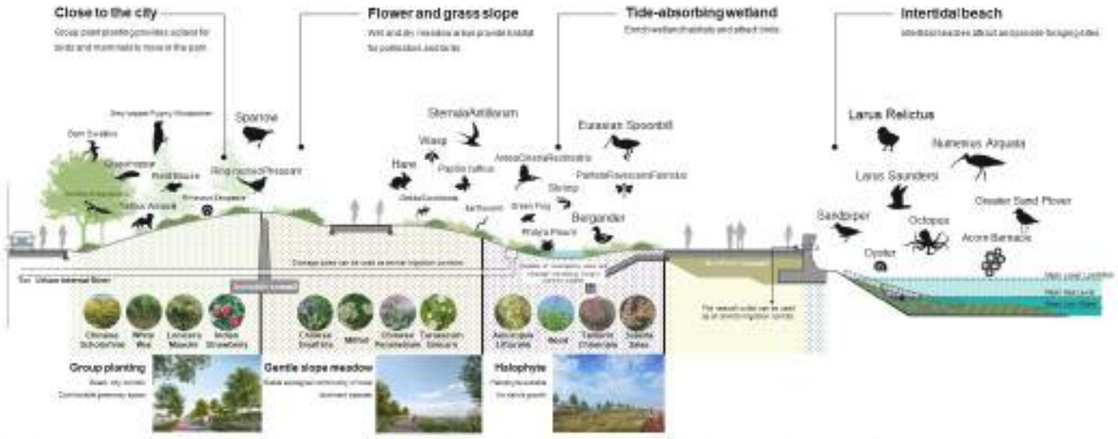
Group Planting + Gentle Slope Meadow + Halophyte

72 *plant varieties*

14 Species Of Arbors + 17 Species Of Shrubs + 41 Species Of Ground Cover

4 *types of biological habitats*

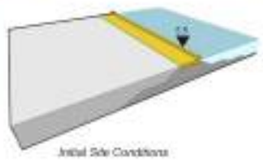
Insects + Amphibians + Reptiles + Mammals



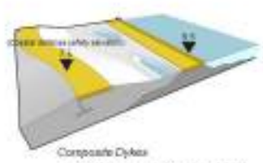
Planning and construction of northern seawall are based on the ecological design concept of NbS – Nature based Solutions. This approach emphasizes the existing environmental characteristics of the site to accommodate coastal wetlands and intertidal mud flats, creating bird habitats.

4 *levels of flood protection*

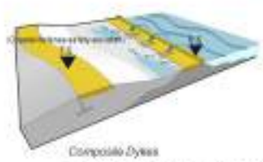
Traditional single protection



Initial Site Conditions



Composite Dykes
—Conventional tide level conditions



Composite Dykes
—Under overtopping wave condition

The current protection elevation is 5.5m

Facing the risk of storm surge disaster,

The local sea defense safety elevation is 7.5m

CLIENT:
TJBinlu Base Construction Co., Ltd.

LANDSCAPE ARCHITECT FIRM:
AECOM TJ

LA S NAMES WHO WORKED ON THE PROJECT:
Bo Yang, Yanjun Li, Kai Fu

ARCHITECT FIRM:
AECOM TJ

LANDSCAPE CONTRACTOR:
AECOM TJ

BUILDER:
AECOM TJ

COMPANY ORGANISATION:
AECOM (Tianjin) Engineering Consultants Co., Ltd.

Outstanding Award

DYNAMIC CONSTRUCTION–AN APPROACH TO COPE WITH THE COMPLEXITY AND UNCERTAINTY OF GREEN SPACE CONSTRUCTION IN THE DESAKOTA AREAS IN DELTA-SHAPED REGIONS

Guangzhou Area: 3,860,000 sqm

The project aims to explore a construction framework for green space in the desakota areas in delta-shaped regions with the context of rapid urbanisation.

A dynamic construction approach to urban green space has been introduced in this project to address the two prominent issues of 'complexity' and 'uncertainty' in the desakota areas of the Pearl River Delta, so as to be better suited to the needs of urban development adaptation. Specifically, the dynamic construction approach determines which ecosystem services are restored first and which are restored later, based on the degree of future exposure to urban development construction from a low to a high level.

First, restore the habitat matrix that is less affected by changes in future urban construction needs, and improve site regulating services and supporting services. Next, restore the traditional self-cycle model of dike-pond systems on the site, and develop urban agriculture by taking advantage of the geographical location of the adjacent city to improve the additional output value of the land to improve the provisioning services of the site. Finally, the site's cultural services will be improved and enhanced to meet the leisure and recreational needs of the residents who have moved in.

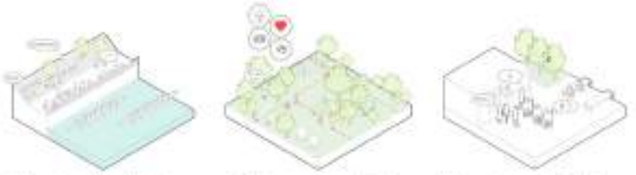
Driven by the dynamic construction of the project, it provides an operational technical framework for the construction of green spaces in the desakota areas of delta-shaped regions.

PHASE 03 DESIGN STRATEGY

▪ Construct Multiple Functional Urban Agriculture Space

① Produce and export agricultural products through dike-pond system
② Set up nature education center
③ Transforming the former industrial relic into a farm market

▪ Improve Public Service Facilities Based On Traditional Cultural Activities



④ Organizing dragon boat event
⑤ Offering accessible and attractive place for exercise and recreation
⑥ Improve the amount of public service facilities

▪ Enrich The Type Of Land Use And Promote Diverse Green Space Uses

⑦ Encourage studios to move in through policy means
⑧ Plan and operate outdoor exhibition
⑨ Avoid Exclusionary Zoning and encourage multi-business development

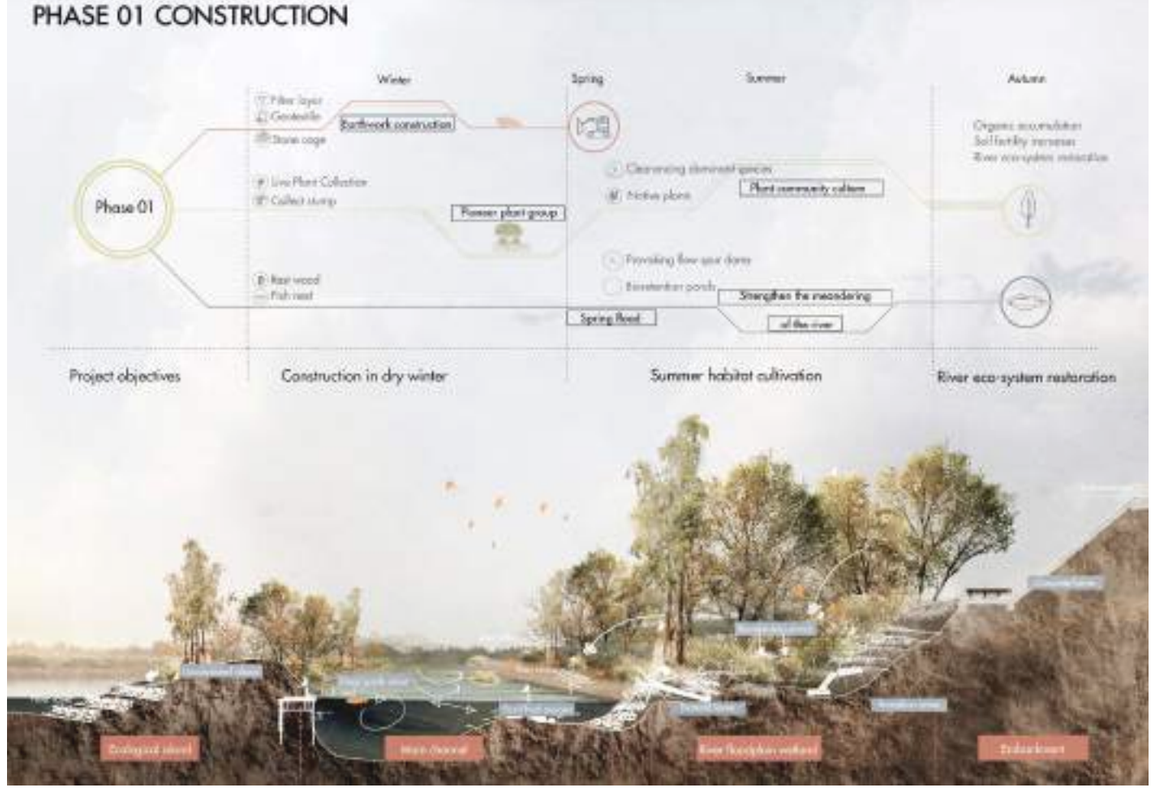
The Overall Objective Of Phase 03

- Multiple functional urban agriculture space constructed
- Public service facilities improved
- Green space recreation system improved

"As young people we need a place to enjoy ourselves, a vibrant public space. Participate in activities in popular ways, show yourself and make friends of all kinds. I love hairs on the lawn, band performances, mobile coffee carts, etc. Sometimes I go skateboarding in the park, and it's fun to lie down on the grass and think about nothing!

– A SKATER IN THE PARK"

PHASE 01 CONSTRUCTION

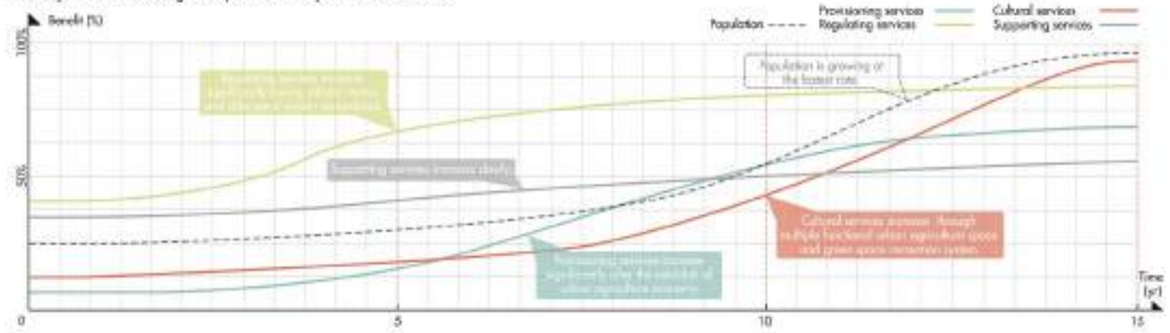


DESIGN STRATEGY ANALYSIS

Through dynamic construction, the various ecosystem services of green space show different growth trends, which are reflected in three phases.

PHASE 01 | PHASE 02 | PHASE 03

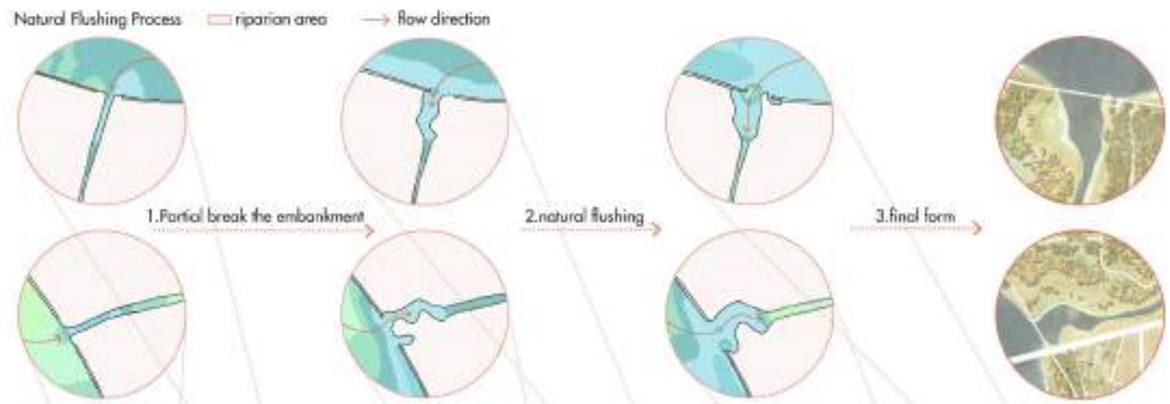
• Ecosystem services of green space under dynamic construction



• Master plan of different phases

HYDRODYNAMIC SIMULATION

Delimit the ecological reserve according to the river floodplain shape simulated by hydrodynamic analysis.



LANDSCAPE ARCHITECT FIRM:
School of Architecture, SCUT

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Guangzhou Urban Planning & Design Survey Research Institute

COMPANY ORGANISATION:
School of Architecture, South China University of Technology

Outstanding Award

ECOLOGICAL ISLAND CHAIN: THE MASTER PLAN OF HOUHUAN CENTRAL INNOVATIVE DISTRICT, ZHUHAI

Zhuhai Area: 6,63 sqkm

Houhuan, surrounded by the spectacular natural assets of mountains, sea and islands, is located in the High-tech Zone of Zhuhai, along the west coast of the Guangdong-Hong Kong-Macao Greater Bay Area. Being one of the last large-scale reclamation lands in Zhuhai, Houhuan will be the game-changer for Zhuhai to stay competitive in the rival of high-tech cities around the Bay Area. In the past, the landscape of scattered islands and hills, along with the domestic biodiversity together maintained the balance of the "mountain-shoal-sea" ecosystem. After the massive land reclamation, many coastal animals lost their homelands due to the shift from wetland to hard land. Inspired by the typical coastal ecosystem of Zhuhai, the design team proposed the concept of an ecological island chain. Through the environmental-oriented landscape and urban development, the masterplan forms a future self-adjustable coastal mitigation system, reconstructs continuity of the "mountain-river-city-lake-sea" ecosystem, and builds an environmentally friendly, talent-attracting, and mixed-use central innovation district. Therefore, the project enhances the natural eco-quality to become Houhuan's characteristic city brand, transforms the investment in nature into the benefits of the prosperous development of the city, and sets a new model for other coastal projects.

STRATEGY - TALENT ATTRACTION

Blue-Green Ecological Framework

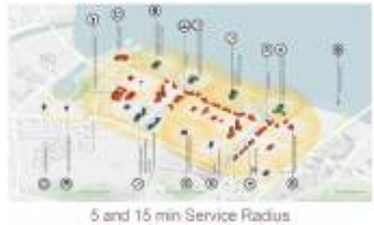
We fully respect the historical ecological background, construct the blue-green ecological framework from the three perspectives, including coast, water system and habitat, strengthen the ecological security as well as resilience, and create a harmonious symbiotic environment for human and nature.

Transit Oriented Developments

The plan of the road grid is optimized and upgraded based on the current roadnet. Intensity and metro stations are superposed to form two Transit Oriented Developments (TOD) with mixed-use and three-dimensional transportation system to maximize land use efficiency.

Open Space Network

Based on the blue-green natural framework, the design team superimposed the overall open space network, connecting the multi-level ecological landscape internally, creating a multi-theme park experience, and linking to the surrounding leisure tourism resources externally. The unit makes the ecological environment not only safe and resilient, but also more efficient in providing services.



5 and 15 min Service Radius

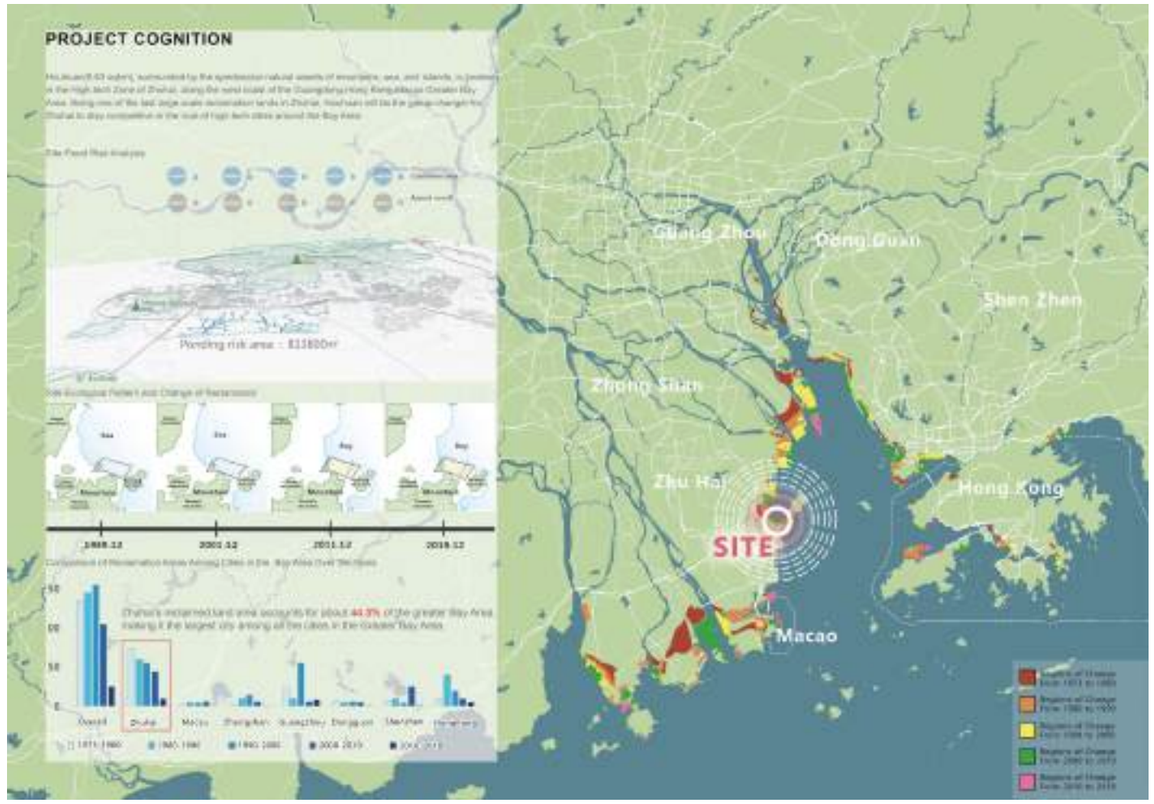
To improve the servicing efficiency, 5 and 15 minutes service radius system provide industrial activities and with people oriented concepts has been built, and it helps to satisfy citizens' needs of diverse supporting services.

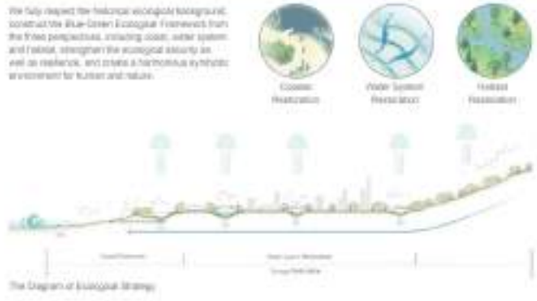
Three Mixed Use Development Belts

Three development belts will be formed from the east to the west. The coastal land resources with the best environment will be used for scientific and technological innovation. In the middle, the most efficient traffic will be used to support the most complex service. The development of the southern urban interface is currently more mature than others. This will help to develop industry-city mixed units.

Composite Development Unit

From west to east, five 1-4 km² south-north composite development units are divided. The project breaks through the traditional single plot transfer mode, and every development unit will be sold as a whole. Each unit will form a core function chain of "headquarters innovation – platform service – achievement transformation" which circulates internally, is likely to create an industry-city integrated ecosystem.





CLIENT:

Zhuhai Hi-Tech Infrastructure

LANDSCAPE ARCHITECT FIRM:

SZ Institute of Building Research

LA S NAMES WHO WORKED ON THE PROJECT:

Han Yu, Liang Chen, Haizhou Liu, Xuan Li

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:

Shenzhen Qianzhan Industry Research Institute, Qisheng Tian, Zhujun Han, Ziwei Ling

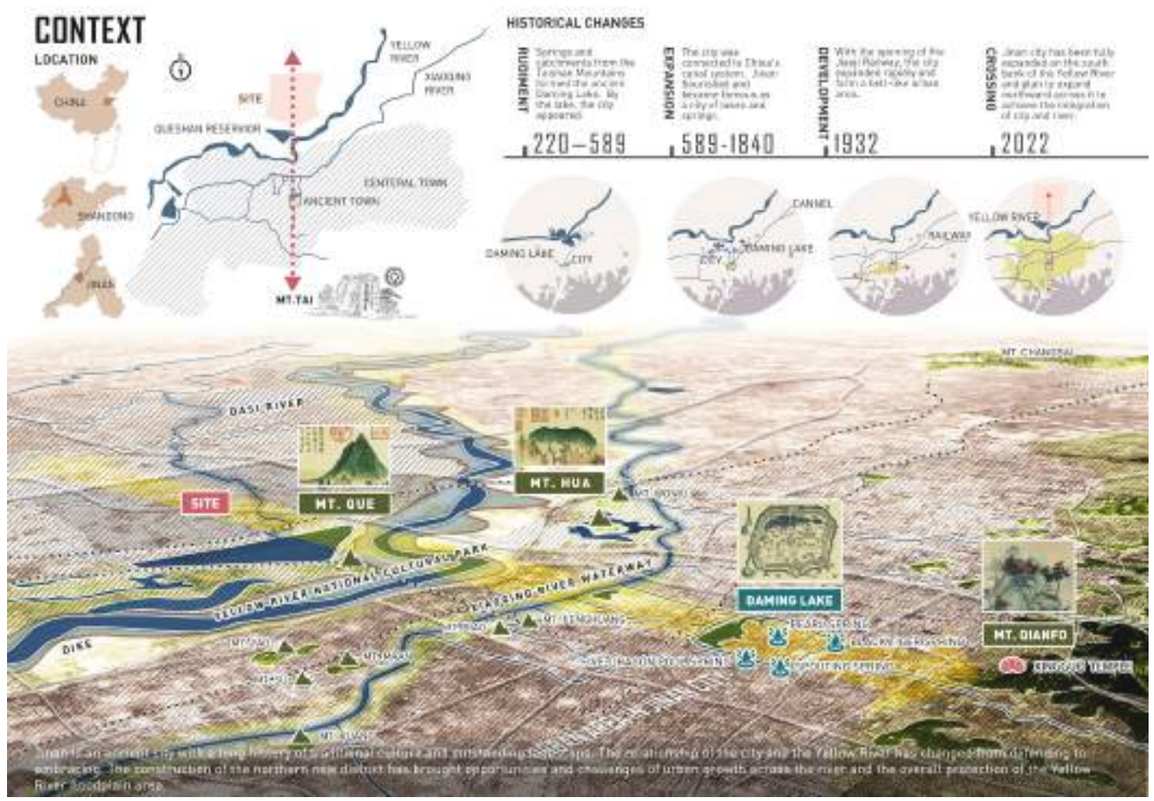
COMPANY ORGANISATION:

Shenzhen Institute of Building Research Co., Ltd.

Outstanding Award

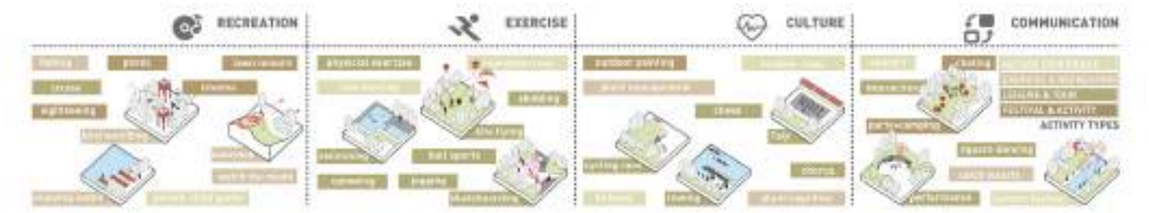
GROWING BY THE RIVER — ECOLOGICAL NETWORK PLANNING FOR THE NORTH NEW URBAN DISTRICT IN JINAN, SHANDONG

Jinan Area: 200 SqKM research area, 45 SqKM urban district

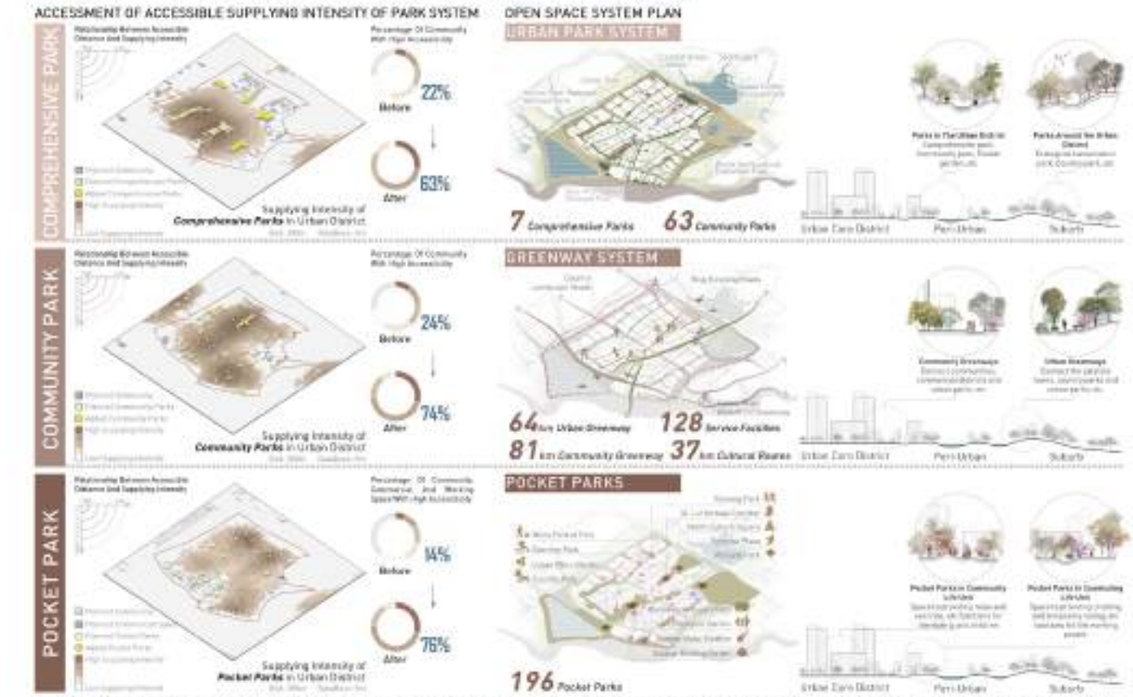


Jinan is an ancient city with a long history of traditional culture and outstanding landscape. The relationship of the city and the Yellow River has changed from defending to embracing. The construction of the northern new district has brought opportunities and challenges of urban growth across the river and the overall protection of the Yellow River floodplain area.

Jinan has a long history and is a typical scenic city. This city is close to the Yellow River, and the relationship between the city and the river has changed from defending to embracing. In the future, the new district in the north bank of the Yellow River will inherit the landscape pattern of the ancient town and grow naturally relying on the river system. This ecological network planning focuses on the integration and infiltration of the natural environment inside and outside the district, and realises the amalgamation of the urban space and rivers. This project includes the ecological network planning for the new urban district and the design of the Central Park which is the starting point of the north development across the Yellow River. This planning will create a blue-green network connecting the inside and outside environment and provide the city with a resilient and sustainable ecological network, diversified and shared activity places, and a unique landscape system integrating the context of the ancient city. This planning will be implemented in stages, providing sustainable support for the new district.

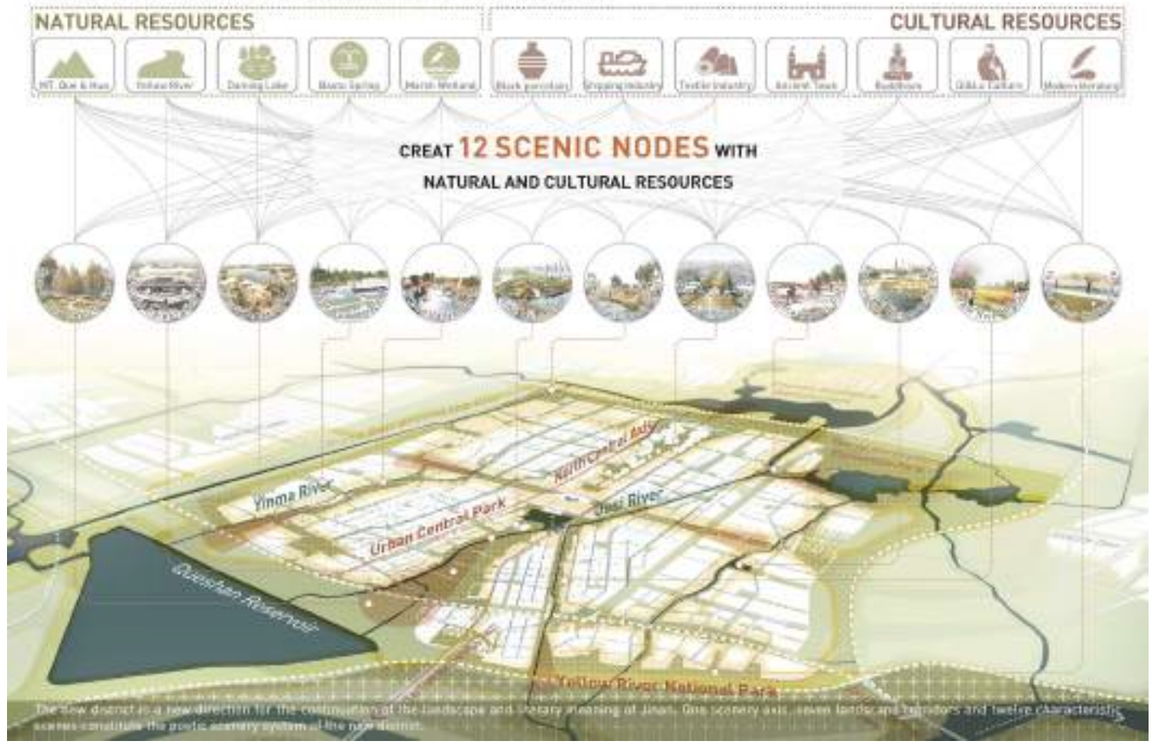


SHARING STRATEGIES: *INTEGRATING URBAN OPEN SPACE SYSTEM*



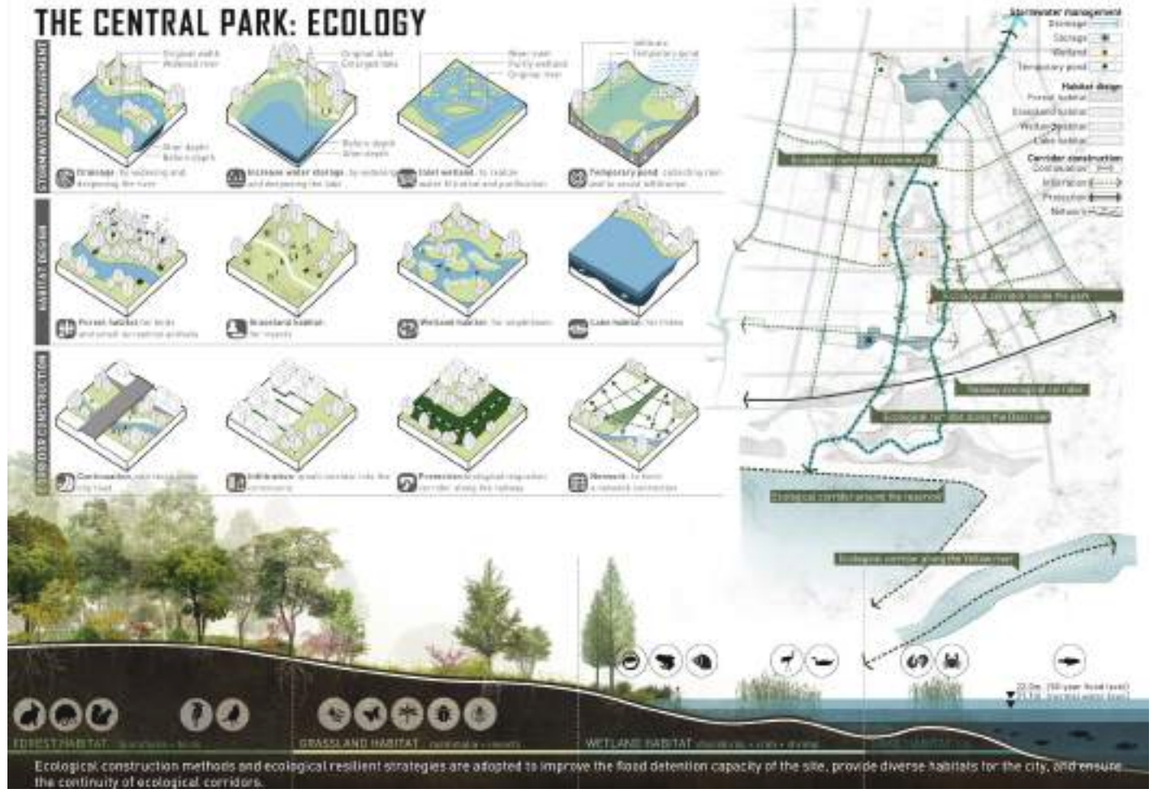
Compare the ecological services supply capacities of the original planned green space and the demand of communities in the new district. Through the multilevel park system, the supply and demand balance of green-space services in urban areas can be realized.

SCENIC STRATEGIES: *CREATING POETIC LANDSCAPE CITY*



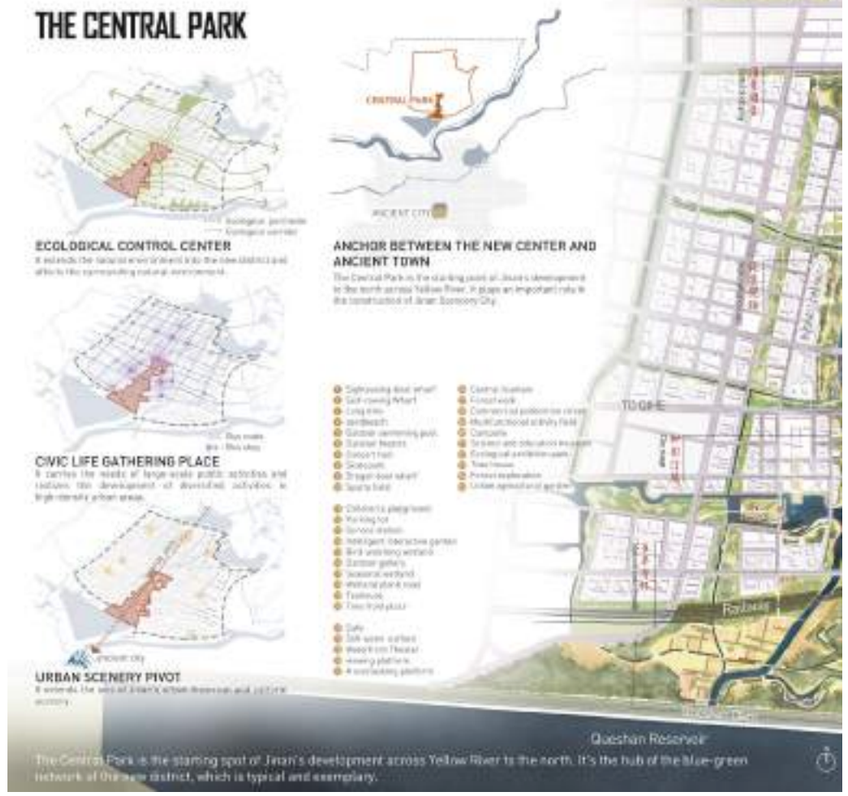
The New district is a new direction for the continuation of the landscape and literary meaning of Jinan. One scenery axis, seven landscape corridors and twelve characteristic scenes constitute the poetic scenery system of the new district.

THE CENTRAL PARK: ECOLOGY



Ecological construction methods and ecological resilient strategies are adopted to improve the flood detention capacity of the site, provide diverse habitats for the city, and ensure the continuity of ecological corridors.

THE CENTRAL PARK



The Central Park is the starting spot of Jinan's development across Yellow River to the north. It's the hub of the blue-green network of the new district, which is typical and exemplary.

CLIENT:
ADMIN OF JINAN START-UP AREA

LANDSCAPE ARCHITECT FIRM:
Beijing Forestry University, DYJG

LA S NAMES WHO WORKED ON THE PROJECT:
Li Chi, Wang X R, Lin Qing, Zhang S Y

LANDSCAPE ARCHITECT FIRM:
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OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Feng J M, Li Xin, Feng Y F, Wang Ke, Zhao X Y, Pu Y, Wang Z Y, Li S Y, Zhou C, Yuan Z Q

COMPANY ORGANISATION:
Beijing Forestry University

Outstanding Award

NESTED CIRCLES: FROM DISORDER TO ORDER — COLLABORATIVE PLANNING FOR CONSERVATION AND DEVELOPMENT OF NATURE RESERVES AND INTERNAL HISTORICAL VILLAGES

Zibo Area: 28,23 SqKM

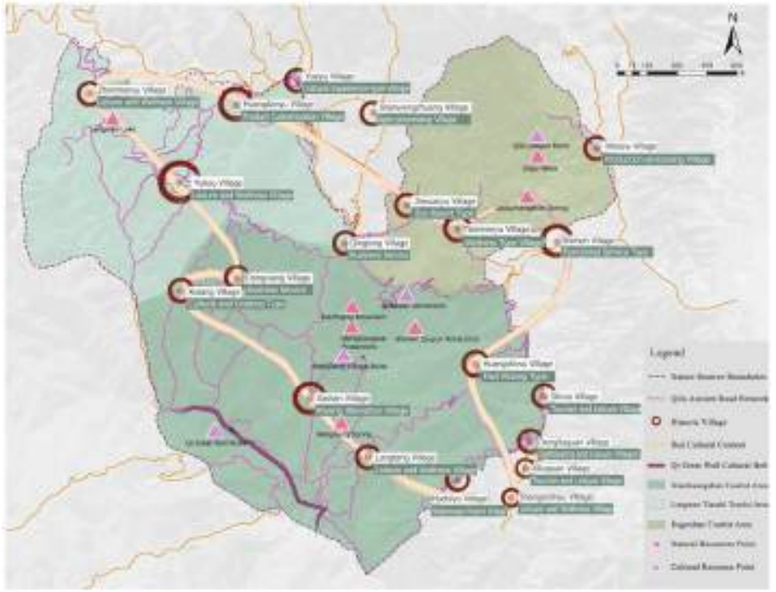
Under the influence of climate change, the protection and development of global nature reserves and internal native villages are facing a general contradiction.

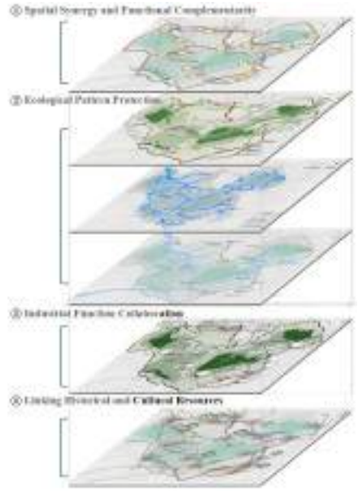
The research object of the project is Boshan scenic spot in the mountainous climate area of central Shandong and 20 historical villages inside. The project describes the development process and current problems of climate change, nature reserve construction, village industry decline, population loss, construction idle and environmental depression in the past 20 years.

At the level of village development, the planning puts forward strategies based on NBS, such as industrial integration, building utilisation, environmental improvement, cultural reconstruction, population return and social reconstruction. At the development level of scenic spots and internal villages, the planning puts forward strategies such as ecological synergy, industrial synergy, spatial synergy and cultural synergy based on the concept of resilient design.

The planning solves the problem of disorder in protection and development between the scenic spot and the internal historical village by means of order reconstruction. Ultimately, the planning enables the harmonious coexistence of man and nature between the nature reserves and the inner native villages, which are closely related in terms of geographical space and development logic.

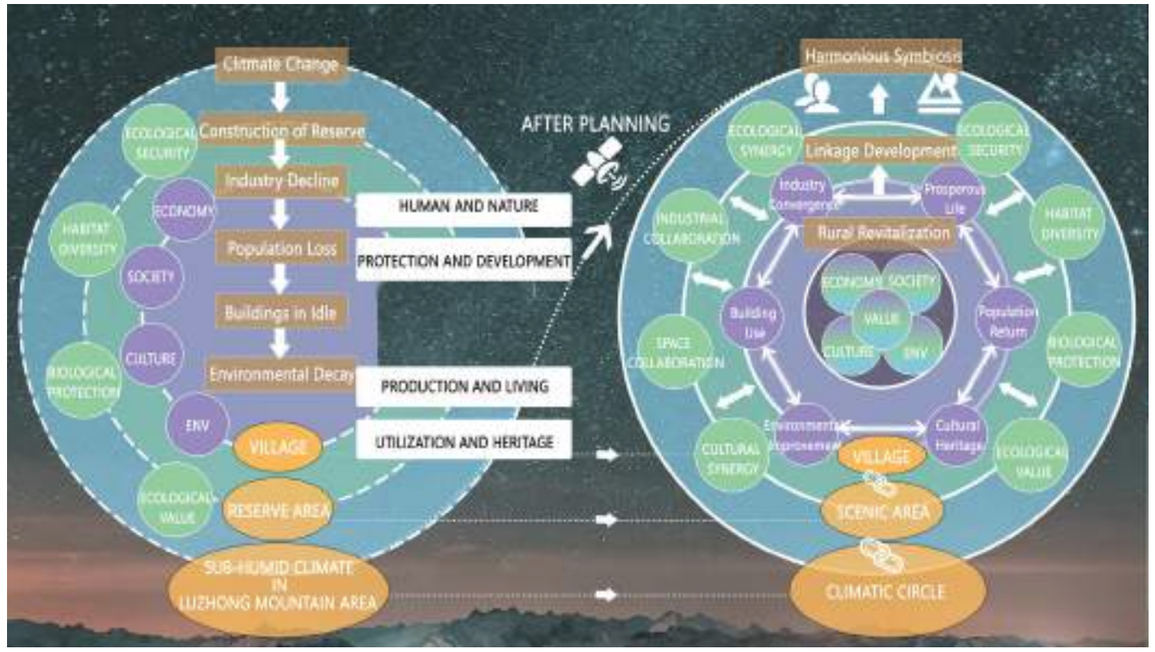
• Master Plan of Villages in Nature Reserve



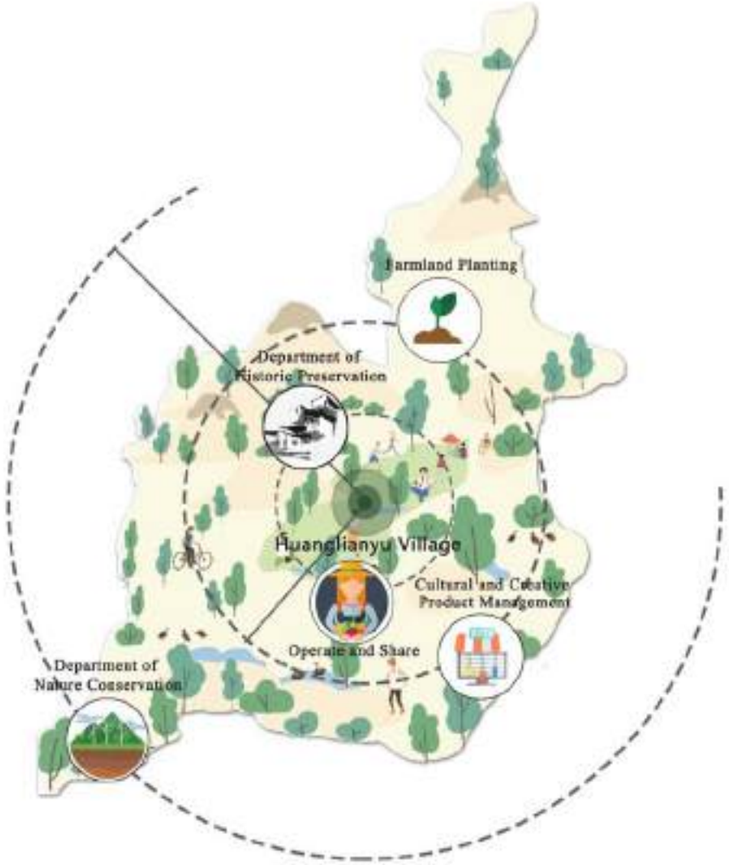


• Aerial View of Huanglianyu Village

• Location



• Multi-subject management of Huanglianyu Village



LANDSCAPE ARCHITECT FIRM:
China Agricultural University

LA S NAMES WHO WORKED ON THE PROJECT:
Xuesong Xi,Chang Lu, Shifan Liang

ARCHITECT FIRM:
Huachengboyuan Engineering Group

CIVIL STRUCTURE ENGINEER:
Gang Leng,Ce Wang,Bingbing Zhang

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Xuwu Jiang, Zekuan Deng, Jiaoyi Xu, Lin Wang, Antan Li, Xinyue Gong, Xingrun An, Libo Yue

COMPANY ORGANISATION:
中国农业大学

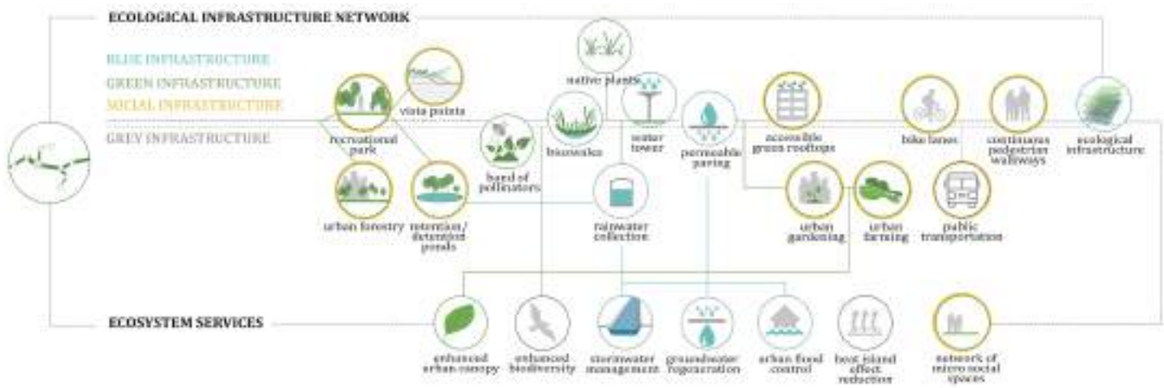
Award of Excellence

HARNESSING ECOLOGY AND INFRASTRUCTURE IN HORSH BEIRUT - BEIRUT LEBANON

Beirut Area: 124,000 sqm

In the past two years, Beirut city underwent a revolution, a global pandemic, an economic recession, a financial crisis and an unimaginable explosion destroying half of the city. When planning the living environment, it is inevitable to address questions on urban resilience, climatic resilience, social equality, economic growth, and emergency response. This project grows from the heart of the remaining Horsh Beirut, the pine forest of Beirut, and takes on a landscape approach that is comprehensive, at once responding to the urgency for ecological resilience, climate mitigation, social inclusion, and economic uncertainty.

'Horsh Beirut' is re-imagined as a novel ecosystem, an infrastructure that serves as a social platform. It serves as ecological infrastructure deploying low-cost, high-impact green infrastructure that curate water movement, mitigate urban flooding, enhance biodiversity and micro-climate at urban scale. It improves urban connectivity by providing a network of shared streets and bridging open spaces. It provides a spatial platform for crisis management where pop-up tents, and first aid structures can be temporarily erected. In a dense urban context, every public land that remains contributes to climate resilience at city scale, not by being over-designed, but by being strategically designed. 'Horsh Beirut' grows beyond the predominant ethnic and political discourse, towards a holistic environment that urgently addresses the right to equality in the quality of life and well-being of its residents, all inclusive.



CLIENT:
Nahnoo NGO

LANDSCAPE ARCHITECT FIRM:
studiolibani FZ-LLC

LA S NAMES WHO WORKED ON THE PROJECT:
Dima Rachid Leah Moukarzel
Dana Al Ali

ARCHITECTURE FIRM:
RamyAbiAntoun RitaSalame

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Aziz Barba, Edmond Rahme, Esmeralda Masad, Caline El Khoury, Victorio Boudiwan, Christele Nakhoul

COMPANY ORGANISATION:
studiolibani FZ-LLC

BANKING ON THE RIVER'SIBLE

Pune Area: 4,047 sqm

'Banking on the River'sible' is an attempt to create a prototype model for rejuvenating a riverbank in an urban context.

Aundh Ghat Pilot project is a kilometre-long stretch downstream of Mulshi Dam along River MULA with distinct characters on opposite sides: A PEOPLE'S BANK and a NATURE'S BANK.

A socio-culturally active bank off the village Aundh, a fast growing suburb of Pune is the stretch in focus.

The case formulates a SEVEN WINDOWS STRATEGY to resolve complex urban stresses encountered where the city and river meet.

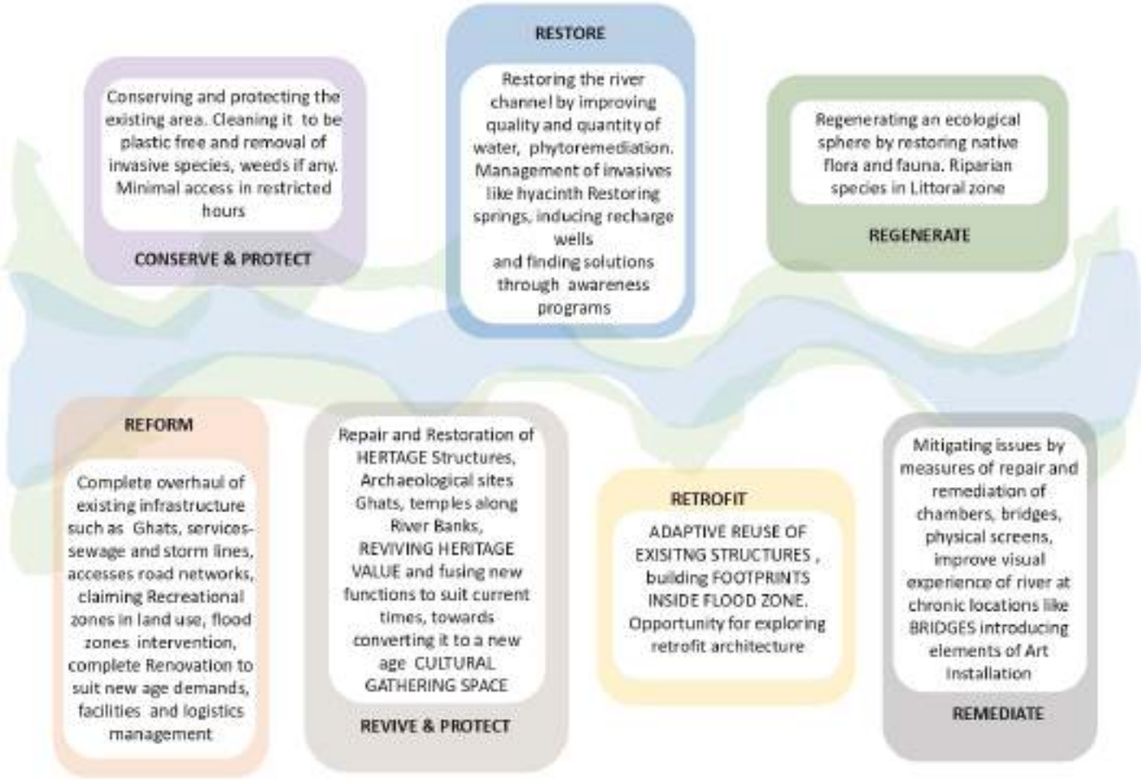
The cognitive study addresses challenges of the residing fisherman community , shepherds and the villagers towards bringing back nature in the city, educational recreation, bio-magnets while generating green jobs.

This demonstrative process devices a TRI-PRONGED POLICY FRAMEWORK for managing a river stretch within an urban fabric with a through PPP (private public partnership).

A ground reality check with collaborative expert inputs, the proposal focuses on restoration of potential riparian edge and exploring the bank inside flood lines as potential urban open space with minimal intervention towards flood mitigation. While contributing to climate resilience and improved biodiversity the project provides implementable solutions that are replicable with prime objectives of flood mitigation and reviving river ecosystem services; active and natural.

Thus, beyond developing green infrastructure the proposal suggests a stakeholder inclusive policy master plan towards ensuring sustainable urban river management.

MASTER PLAN:



CLIENT:
Jeevitnadi Living River Foundation

LANDSCAPE ARCHITECT FIRM:
Studio roots

LA S NAMES WHO WORKED ON THE PROJECT:
PRACHI AND UMESH WAKALEY SANJANA KHEMANI

QUANTITY SURVEYOR:
Monarch surveyors

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
ACWADAM - HYDROLOGY CONSULTANT SHUBHA KULKARNI , MRINAL VAIDYA , SHAILAJA DESHPANDE

COMPANY ORGANISATION:
STUDIO ROOTS

RECONSTRUCTION OF LANDSCAPE AND ECOLOGY: PLAN OF THE ABANDONED QUARRY IN EAST SIDE OF XIU MOUNTAIN IN QUESHAN COUNTY

Zhumadian City Area: 2,66 sqkm

Over the past 50 years, quarrying industry has become an industrial pillar in Queshan County, which provided a large amount of stone for the railway construction in the central region. The quarry in east side of XIU Mountain, covering an area of 266hm2, ceased mining in 2021. It has an high-east and low-west terrace pattern, with numerous land types and extensive quarrying remains. By continuing the traditional landscape construction mode, the project aims to transform the site into an urban public space with ecological services and scenic recreation, as well as a new fulcrum for urban industries. The scheme has developed four strategies: 1) Organise three axes in east-west direction based on visual relationship, water management and event organization; 2) Create five landscape belts in north-south direction with different scenic features based on elevation; 3) Create ten quarry gardens with various landscapes for each type of pit; 4) Protect and evaluate the quarry remains and transform them into places for exhibition and activities. The final proposal is a scenic system combining natural landscape and human activities, consisting of 18 scenic spots, which provideds a reference for the ecological restoration and landscape reconstruction of other quarries.

LANDSCAPE ARCHITECT FIRM:
BFU / Atelier DYJG

LA S NAMES WHO WORKED ON THE PROJECT:
Qing LIN, Xiangrong WANG, Shiyang ZHANG

CIVIL STRUCTURE ENGINEER:
Jianan DENG, Lyuyuan JIA

QUANTITY SURVEYOR:
Huidi ZHOU, Shoubang HUANG, Aibo JIN

LANDSCAPE CONTRACTOR:
Yueting MAO, Hongru LI, Mengjiao LI

LIGHTING DESIGNER:
Jiawei WENG, Son CHEN, Jiayan FENG

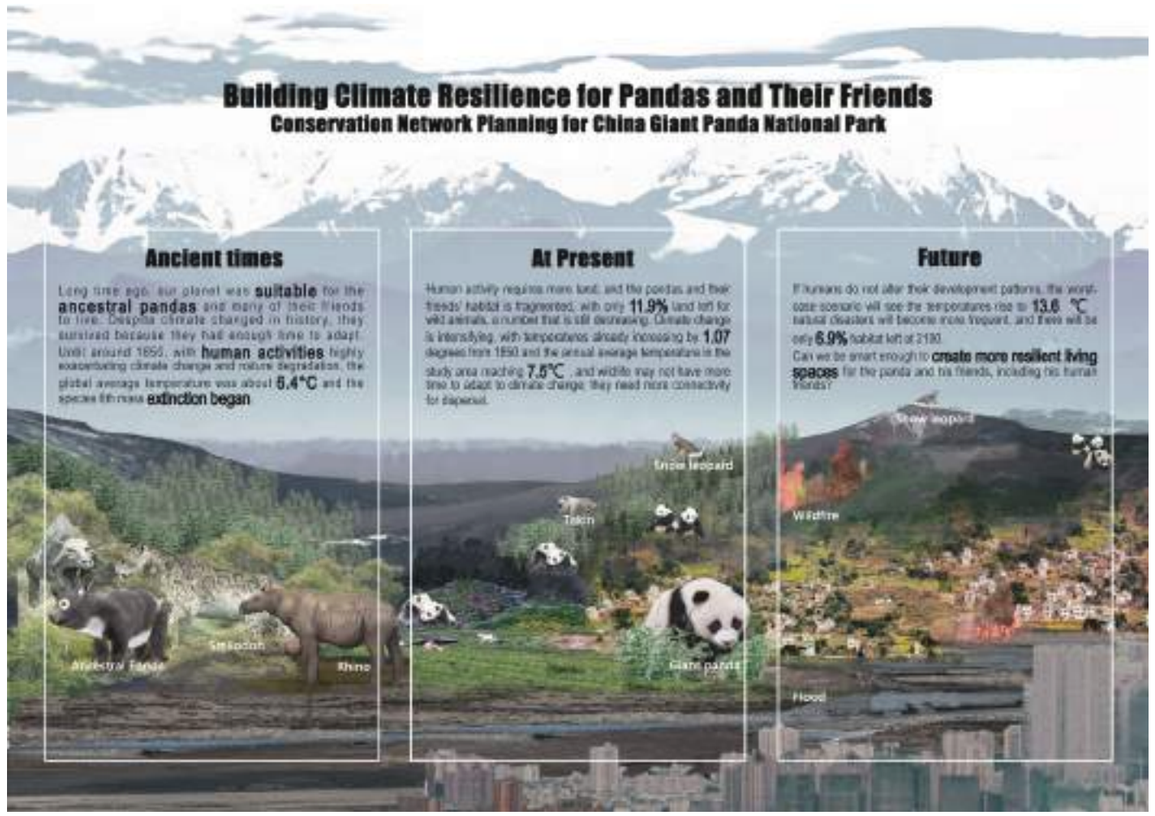
OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Jingyi HAN, Kexin WANG, Mingwei XIE, Chao ZHOU, Jianzhe LI, Yuan FENG, Yuxi DUAN Xin LI

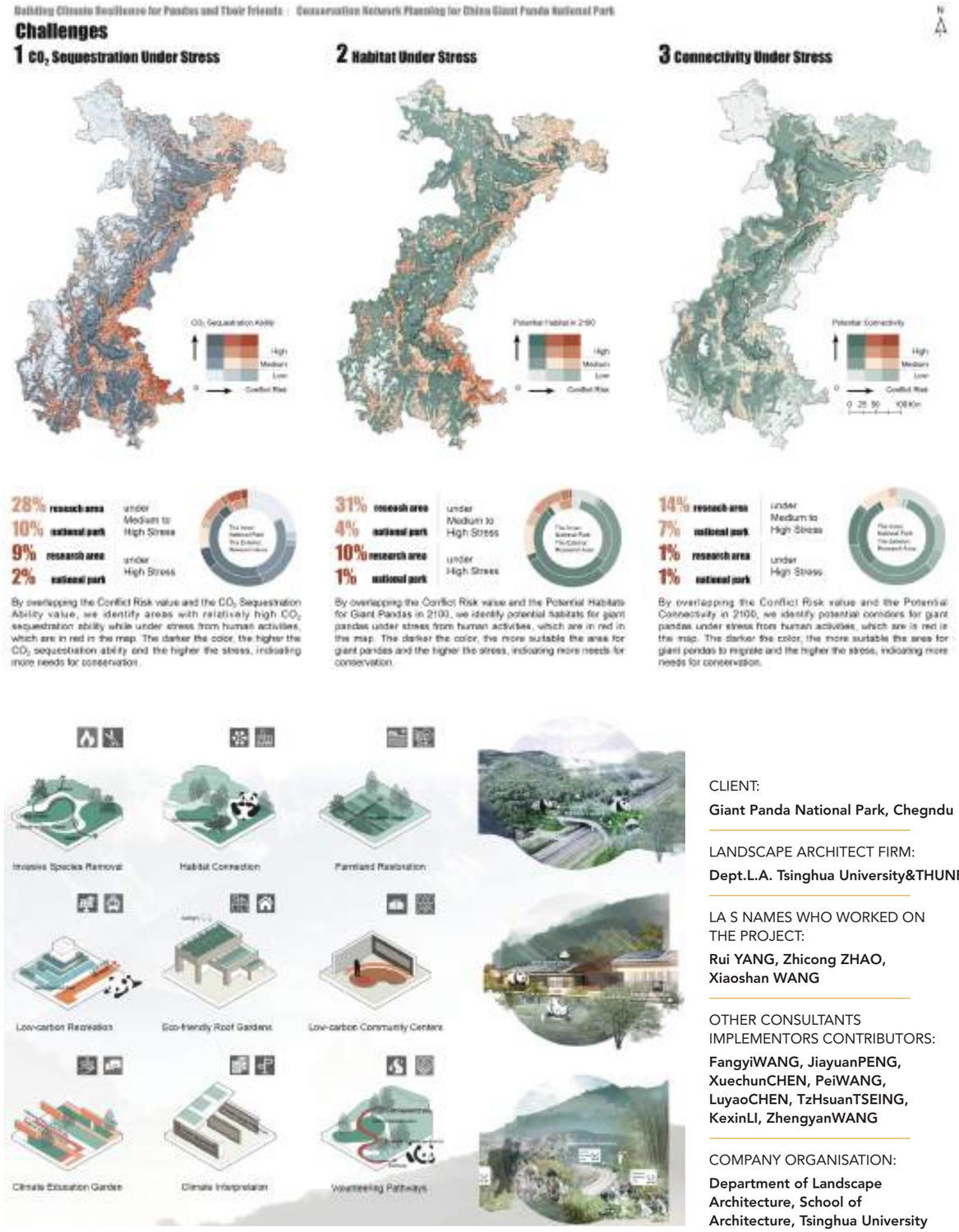
COMPANY ORGANISATION:
Beijing Forestry University, Atelier DYJG

BUILDING CLIMATE RESILIENCE FOR PANDAS AND THEIR FRIENDS - CONSERVATION NETWORK PLANNING FOR GIANT PANDA NATIONAL PARK

Chengdu Area: 140,346 sqkm

Confronting the substantial damage of biodiversity by climate change, this project aims at building climate resilience for pandas and their friends in Giant Panda National Park, the only natural habitat for giant pandas. The project proposes a comprehensive framework to map and protect essential climate change mitigation and adaptation areas and incorporate them into the nature conservation system. The landscape architects team uses theories, data, and tools at the forefront of science, to simulate the climate suitability and connectivity for giant pandas and their friends and CO2 emission and sequestration. Overlay them with the conservation-utilisation-conflict risk to find main challenges and propose two solution strategies: 1) a climate resilience network planning with a 32% increase of protected areas; 2) a climate resilience management toolbox with three major categories and nine key measures. The project provides approaches to build resilience for pandas and their friends, with evidence-based approaches, frontier scientific habitat prediction and corridor simulation methods, and systematic conservation planning to achieve synergy between biodiversity protection, carbon sink enhancement, low-carbon community development, and climate education.





CLIENT:
Giant Panda National Park, Chegndu

LANDSCAPE ARCHITECT FIRM:
Dept.L.A. Tsinghua University&THUNP

LA S NAMES WHO WORKED ON THE PROJECT:
Rui YANG, Zhicong ZHAO, Xiaoshan WANG

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
FangyiWANG, JiayuanPENG, XuechunCHEN, PeiWANG, LuyaoCHEN, TzHsuanTSEING, KexinLI, ZhengyanWANG

COMPANY ORGANISATION:
Department of Landscape Architecture, School of Architecture, Tsinghua University

Award of Excellence

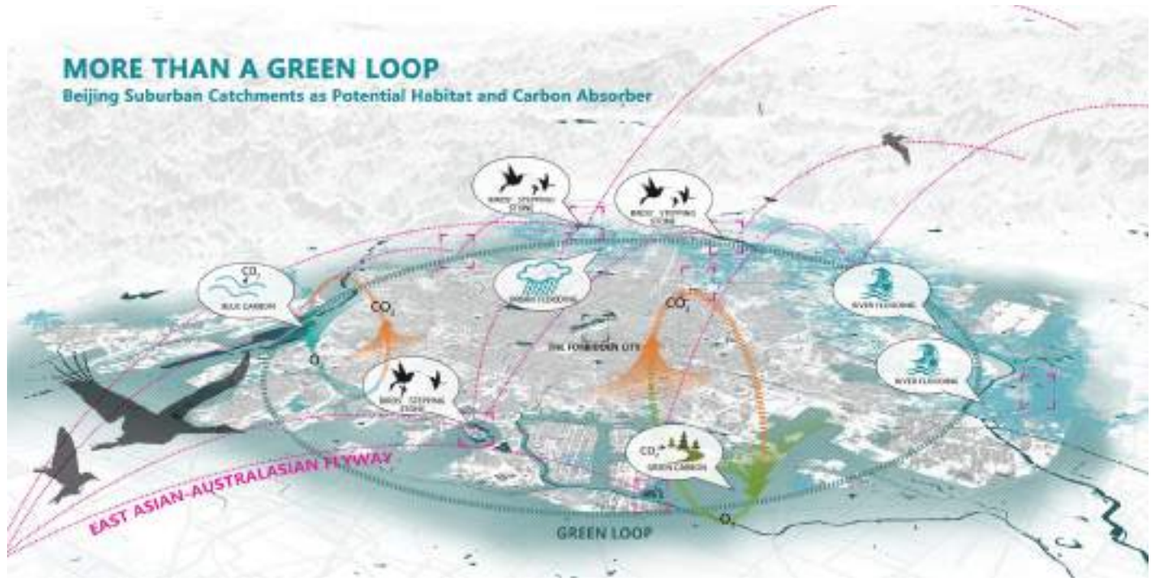
MORE THAN A GREEN LOOP: BEIJING SUBURBAN CATCHMENTS AS POTENTIAL HABITAT AND CARBON ABSORBER

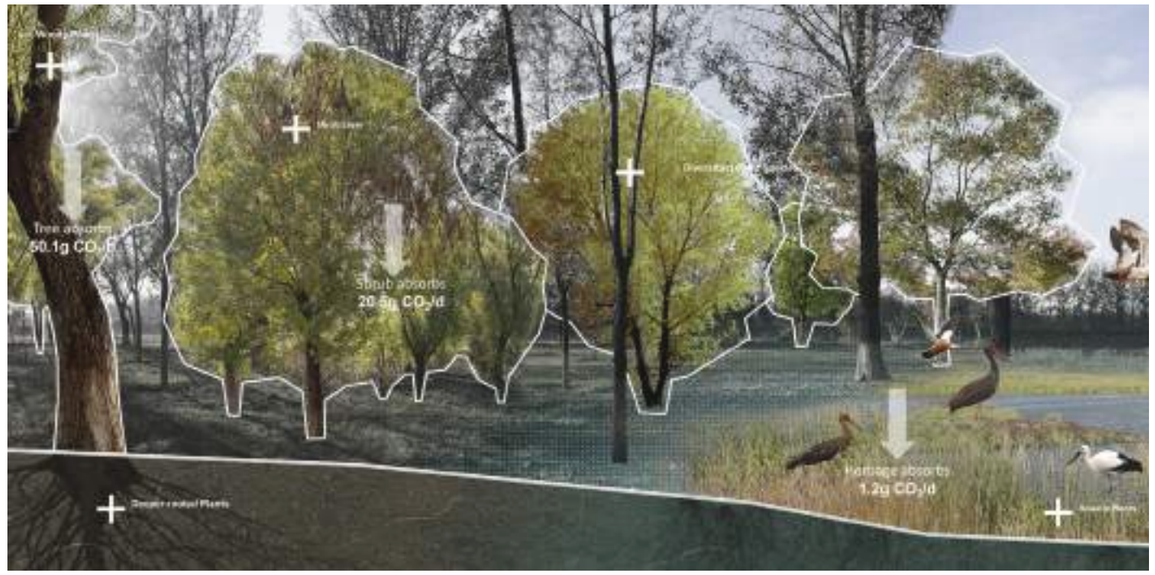
Beijing Area: 2,500 sqkm

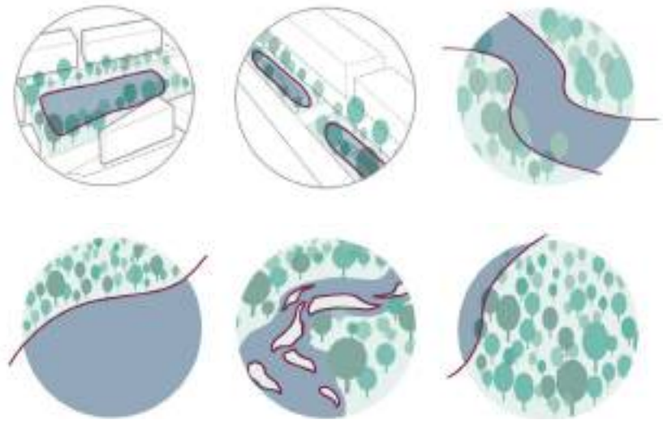
The Suburban Green Loop of Beijing, planned since 1958, serves as a protective barrier between nature and high-density cities to support a healthy ecosystem and limit urban sprawl. Fast urban expansion in and out of this loop has triggered catastrophic issues of increasing flood vulnerability and ecosystem fragmentation under climate change.

The plan blueprints an enhanced green loop that prioritises flood mitigation and habitat conservation in response to the crisis from a catchment perspective. We propose an integrated planning approach by transforming climate change-induced hazards into opportunities to enhance biodiversity and carbon storage capacity in Beijing's suburban ring. The protected and planned blue-green patches increase current flood storage capacity by 12.5%, achieve approximately 4.5 million tons of carbon sink and provide an additional 5.8% of habitat in 20 years.

The outcome demonstrates a comprehensive analytical approach using quantitative hydrodynamic modeling simulations, biomass evaluation, and habitat recognition. The team conducted extensive field investigations and worked closely with governmental agencies and interdisciplinary professionals to ensure a scientific and practical proposal.







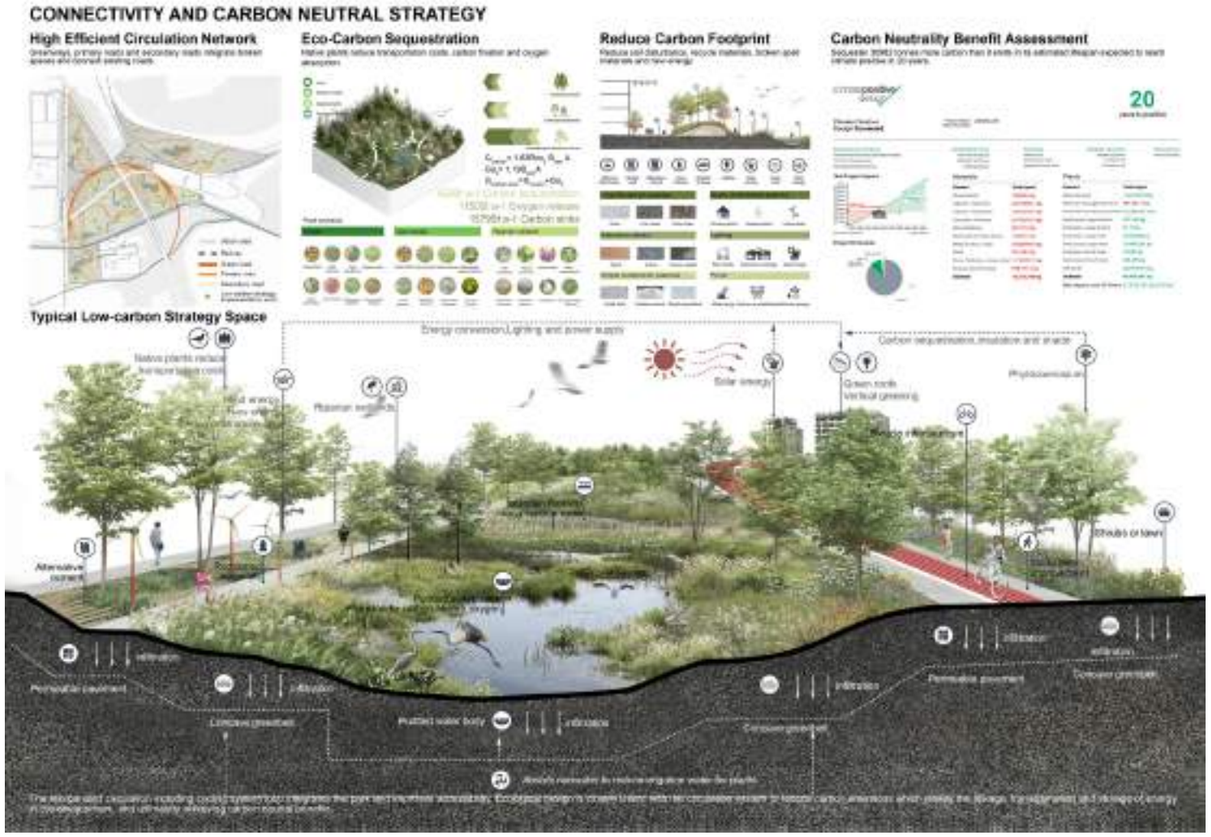
CLIENT:
BICP

LANDSCAPE ARCHITECT FIRM:
Tsinghua Univeristy

LA S NAMES WHO WORKED ON THE PROJECT:
Hailong, LIU Feng, LI Xiaoting

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Huaiyu ZHOU, Qian WANG, Yang SONG, Xiaoyue JIANG, Yizhang Zhang, Yuxi LIU

COMPANY ORGANISATION:
Tsinghua University



INFINITE RING — INTEGRATING AND REVITALIZING JIANGFU PARK IN BEIJING

Beijing Area: 2,624 sqkm

Jiangfu Park, one of the 100 parks on the Beijing first green belt with 262.4 hectares, is located in eastern Jiangtai, Chaoyang District. The first green belt's urbanisation challenged Jiangfu Park to address multiple problems such as fragmented organization, low ecological benefits, poor maintenance, insufficient recreational functions, and unsatisfactory spatial quality. This project aims to integrate and revitalise Jiangfu Park with long-term goals based on social values. It uses the big data method, Solves and PPGIS investigation, ergonomic experiments to establish the Ergonomic Information Mapping and transform the country park into a revitalised urban park. The planning involves the multi-functional RING: INFINITE "O" to organize the fragmented site and employ the strategies of enhancing connectivity, diversity, and sustainability. The ring weaves proper integration, modified circulation, recycled material utilisation, water body linkage, catalytic nodes placement, and habitat construction to achieve the goals of low carbon emission, biodiversity enhancement, and water management optimisation.

CLIENT:

Jiangtai Township Government

LANDSCAPE ARCHITECT FIRM:

Beijing Forestry University, Harvard

LA S NAMES WHO WORKED ON THE PROJECT:

WEI Fang, YU Changming, Liu Ruijie

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:

ZHANG Ruoshi,QU Mingxuan,CAO Xuqing,QIU S,ZAN P,XU J,HUANG Y,ZHANG Y,BAN X,GAO J,CL,ZZ

COMPANY ORGANISATION:

Beijing Forestry University, Harvard Graduate School of Design

Award of Excellence

AN OASIS FOR NATURE AND PEOPLE: YISHUN BOARDWALK

Singapore Area: 49,500 sqm

The project, Yishun Boardwalk & Park is located near Khatib Bongsu Nature Reserve, which is an area rich in biodiversity with birds such as herons and egrets seen nesting in the area. The Nature Reserve and site are separated by Yishun Avenue 8, an approximately 22-metre-wide road.

Upon analysing the site, it was found to be of neglected shrubland and young secondary forest habitats, which could serve as a natural refuge for adjacent wildlife from Khatib Bongsu. Due to its proximity to the mangrove, the site has potential to create natural habitat extension to display biodiversity throughout the park and precinct.

The landscape is designed to combine human needs and enhance biodiversity by careful planning and zoning of activity spaces. Existing shrubland is partially conserved, minimising the disturbance to the soil and plants, while active space is located away from this conserved area. This results in creation of quality public space, interesting ecological experience and a livable estate within Yishun.

CLIENT:
Housing and Development Board

LANDSCAPE ARCHITECT FIRM:
Surbana Jurong Consultants Pte Ltd

LA S NAMES WHO WORKED ON THE PROJECT:
Oliver Ng, Lim YenLing, Jin Soh, Toh ZiGui

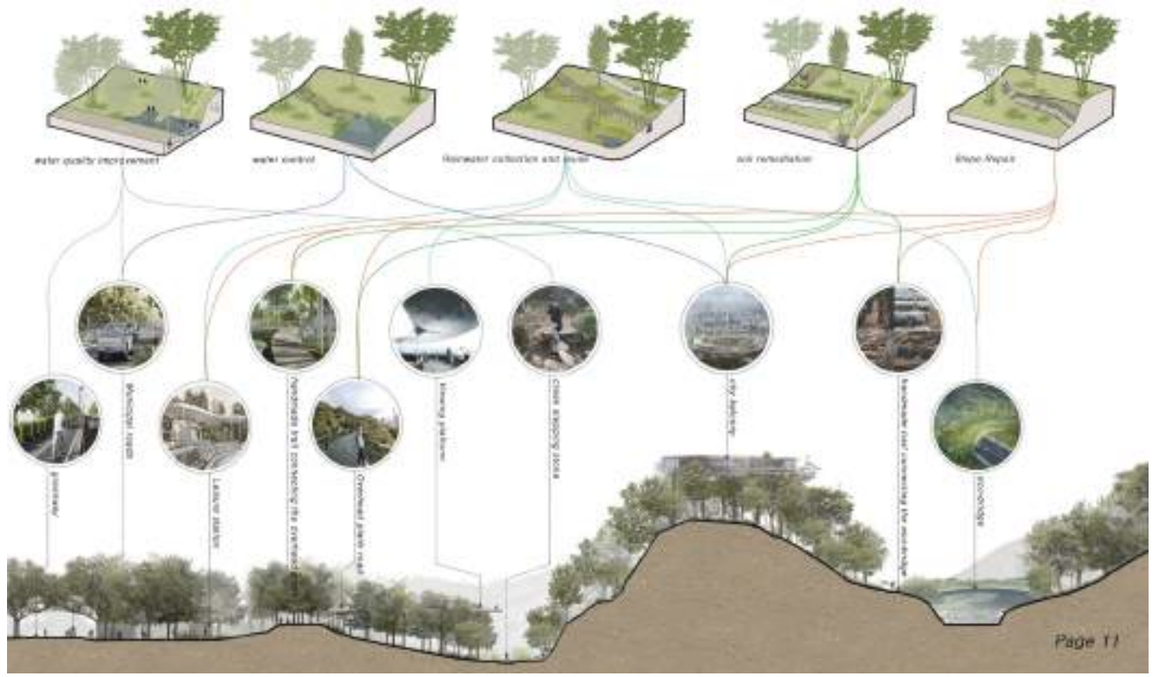
COMPANY ORGANISATION:
Surbana Jurong Consultants Pte Ltd

FROM BOUNDARY TO CENTER — REVITALIZATION OF THE CENTRAL RIDGE IN THE HIGH-DENSITY URBAN CENTER PLANNING AND DESIGN OF SCENIC TRAIL SYSTEM BASED ON EVALUATION OF DEVELOPMENT SUITABILITY OF MEILIN MOUNTAIN , SHENZHEN

Shenzhen Area: 11,990 sqkm

Meilin Mountain is located in the centre of Shenzhen. Because of the characteristics of its geographical barrier, it used to be the boundary of Shenzhen Special Economic Zone. With the opening and development of the city, Meilin Mountain has gradually become the gateway that connects the south and the north of the city. However, due to over-development, the land functions have been degraded. Therefore, its planning research has always been valued by the local government and citizens.

Facing increasingly serious climate and ecological problems, how to balance regional development and ecosystem improvement in a high-density megacity like Shenzhen is the main research problem of this plan. The planning is based on the two major issues of citizens' leisure needs and ecological degradation, and takes "connection-regeneration" as the overll planning idea to establish a framework for evaluating the suitability of scenic trail development. Guided by this framework, a scenic trail system with both open space connectivity and ecologically sustainable value is constructed. This plan builds the connection between people and ecosystems, and transforms Meilin Mountain from a "regional boundary" into the centre of urban ecological development by creating a more socially cohesive and biologically diverse urban open space system.



LANDSCAPE ARCHITECT FIRM:
SUTPC

LA S NAMES WHO WORKED ON THE PROJECT:
Li Muping,Cheng Zhipeng,Liang Liyu

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Li Jiawei,Liu Xiuquan,Liang Chaofan, Chen Xi,Zheng Mingshun,Song Xiaoning

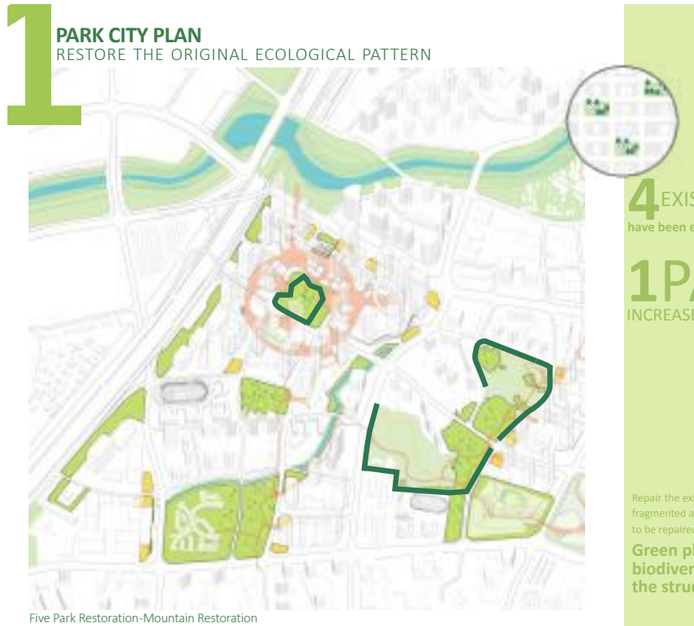
COMPANY ORGANISATION:
SUTPC

FROM BOUNDARY TO CENTER — REVITALIZATION OF THE CENTRAL RIDGE IN THE HIGH-DENSITY URBAN CENTER PLANNING AND DESIGN OF SCENIC TRAIL SYSTEM BASED ON EVALUATION OF DEVELOPMENT SUITABILITY OF MEILIN MOUNTAIN , SHENZHEN

GUANCHENG PARK CITY, LONGHUA, SHENZHEN

Shenzhen Area: 705,000 sqm

Restoring the ecological network in a highly complex urban system and adding 2 landscape corridors, 19,300 sqm of public open space, widening the river channel by 1 km, and establishing a stronger blue-green network, green space will no longer be a luxury in future life, and we will become a part of nature; relying on the blue-green network to build a complete composite three-dimensional functional network: 1 cloud ring park, 4 cross-border parks, 2 waterfront links, and 2km of two-story slow-moving system , providing diversified possibilities and choices for future life, and forming a future community with vitality and symbiosis. Under the superposition of dual networks, decentralised grid management makes future life more resilient, and can be flexibly maintained, responded and coordinated. At a time when emergencies such as illness are frequent, facing unknown risks can achieve a healthy and active life.



Five Park Restoration-Mountain Restoration

CLIENT:
Horoy Holdings Group Co., Ltd

LANDSCAPE ARCHITECT FIRM:
LAY-OUT Planning Consultants

LA S NAMES WHO WORKED ON THE PROJECT:
Wei Wei, Yang Guang, Weng Jingwen

ARCHITECT FIRM:
UPDIS: Wei Xihao, He Zhenhua

BUILDER:
Wang Man, Ma Yunyan, Guo Shu

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Ma Hengyang, Lin Hanzhi, Li Yanting, Zhang Yikang, Yang Qiaowan, Zhang Zhongqi, Wang Zhe

COMPANY ORGANISATION:
LAY-OUT Planning Consultants Co., Ltd.

Award of Excellence

FOREST AFTER RAIN

Gwangju-si Area: 448,192 sqm

Solving urban floods, for environmental restoration. We also would like to introduce a research-based results on rainwater storage and permeation, carbon reduction, and microclimate control measures such as fine dust reduction.

CLIENT:
Gwangju city

LANDSCAPE ARCHITECT FIRM:
TAEYOUNG E&C,
CA Landscape Design

LA S NAMES WHO WORKED ON THE PROJECT:
Yangkyo Chin

ARCHITECT FIRM:
UDAM

CIVIL STRUCTURE ENGINEER:
Dong Myeong Engineering

QUANTITY SURVEYOR:
HECOREA

LANDSCAPE CONTRACTOR:
ULP

BUILDER:
TAEYOUNG E&C

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
TAEYOUNG E&C

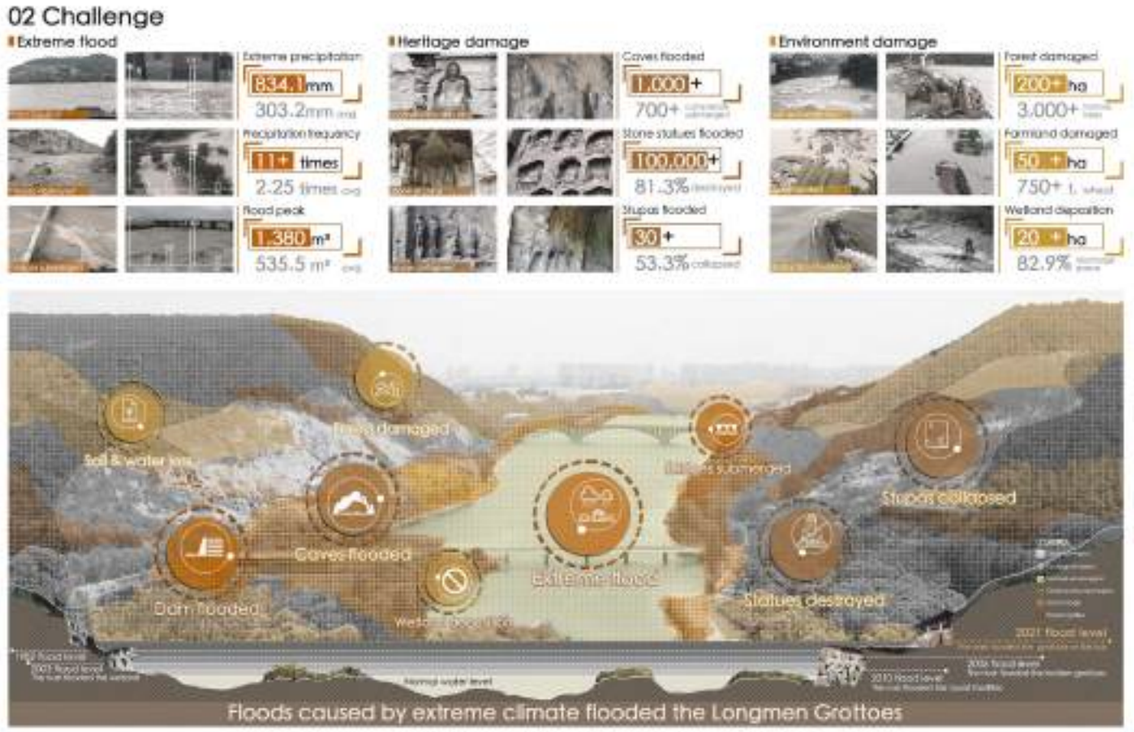
COMPANY ORGANISATION:
LAY-OUT Planning Consultants Co., Ltd.

HERITAGE HEADED TO NATURE

Luoyang Area: 13,4 sqkm

Longmen Grottoes, one of the representatives of ancient Chinese civilization, is a world cultural heritage site recognised by UNESCO. Under the threat of today's climate crisis, floods caused by extreme rainfall have caused irreversible damage to Longmen Grottoes that needs to be saved.

The project is located in the Longmen Grottoes area and its south area in Luoyang City, Henan Province, with area of 13.4 km². Based on field research, simulation assessment and other related work, the team proposed strategies to adapt to extreme climate and proposed a new model for heritage development: 1) encircle space of surroundings, construct an ecological network to disperse flood pressure based on ecological background resources in the south; 2) encircle space of grottos heritage, the tourist pressure on the heritate site is diverted to the south by means of "heritage rewilding", which not only preserves the original appearance of the heritage to the greatest extent but also promotes industrial development in the southern region. The project has comprehensive benefits of ecology and culture, and high recognition through the construction of a multi-party participation platform, which provides a scalable and sustainable method for the protection of world heritage in response to the climate crisis.



Under today's extreme climate crisis, the survival of Longmen Grottoes has encountered unprecedented challenges that flood overflows the embankment, pours into the grottoes, and cause irreversible damage to the heritage, with the highest value of the average annual flood frequency in history caused by extreme rainfall. In addition to heritage damage, the forests and farmland around the Grottoes have also been flooded due to flooding, soil erosion in mountainous areas has intensified, houses have been destroyed and people have been displaced.

CLIENT:
Longmen Grottoes Heritage Committee

LANDSCAPE ARCHITECT FIRM:
Beijing Forestry University

LA S NAMES WHO WORKED ON THE PROJECT:
Li Xiong, Zhang Yunl, Xiao Yao, Shao Ming

ARCHITECT FIRM:
Dua Wei, Ge Yunyu

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Liu Yutong, Zhong Shu, Chen Hongy, Lin Tianyi, Liu Lian, Li Xue

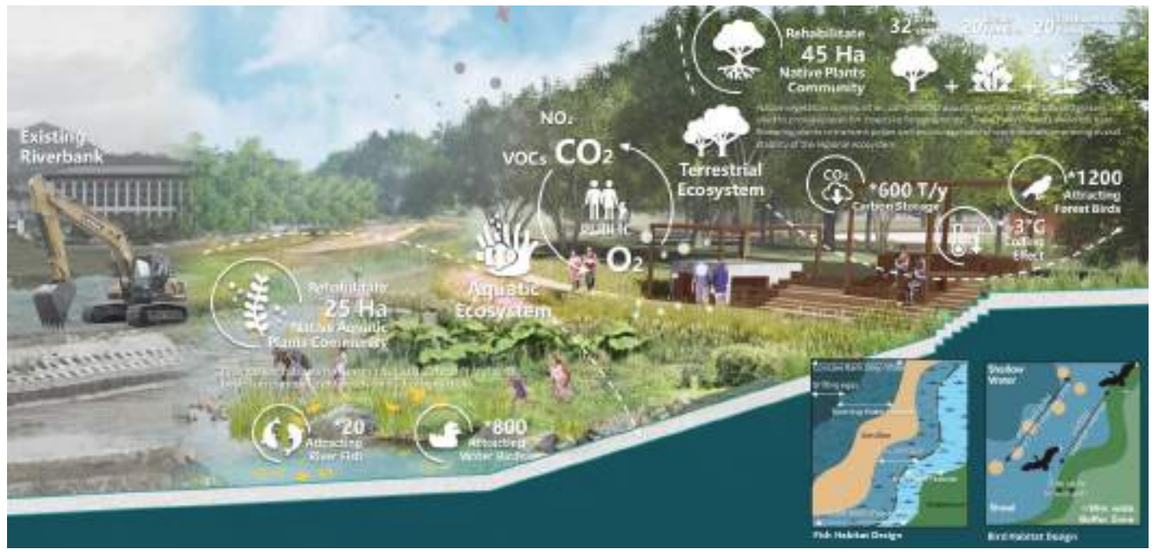
COMPANY ORGANISATION:
Beijing Forestry University

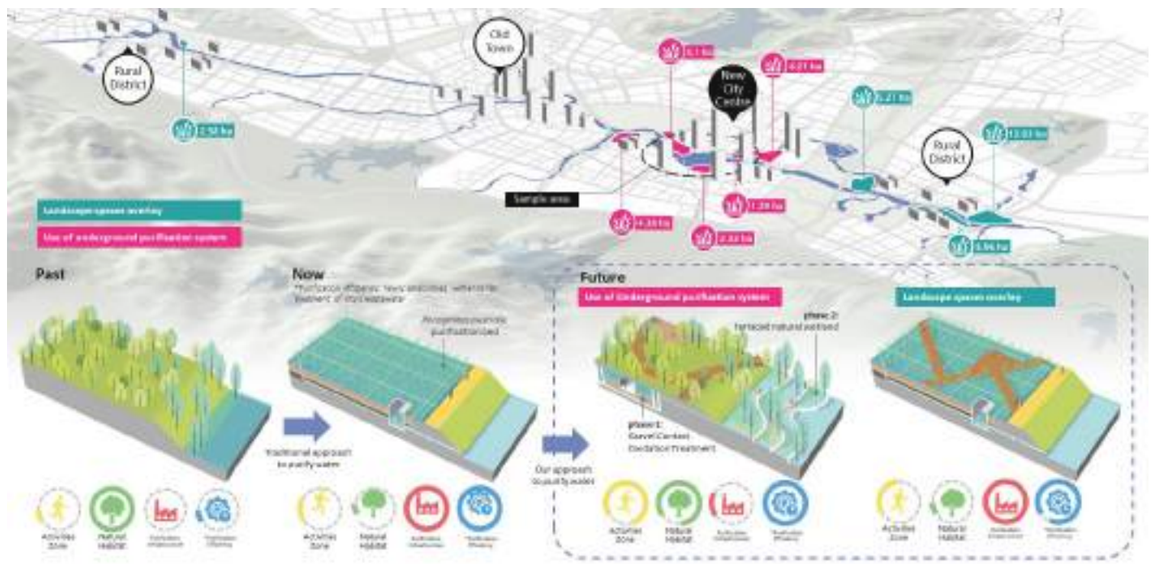
PINGSHAN RIVER PUBLIC WATERFRONT LANDSCAPE PLANNING AND DESIGN

Shenzhen Area: 4,8 sqkm

Pingshan River is a headwater river in Shenzhen, the "mother river" of Pingshan District. The river flows through several metropolitan areas including Biling and Shahu sub districts, its waterfront is a key urban development area in Pingshan District's "two cities, two districts, three belts" master plan.

To create a holistic and attractive public waterfront, our proposal not only targets current urgent issues on site, but considers longer term challenges from climate change and urban development. Through careful integration of green and blue infrastructure using the principles of a resilient landscape, our key design strategies: resilient flood management, resilient habitats and resilient waterfront create a holistic master plan and design that allows people and nature to thrive in symbiosis. Through our proposal, Pingshan River's public waterfront will become an ecological, recreational and cultural public space that represents a new resilient image for Shenzhen.



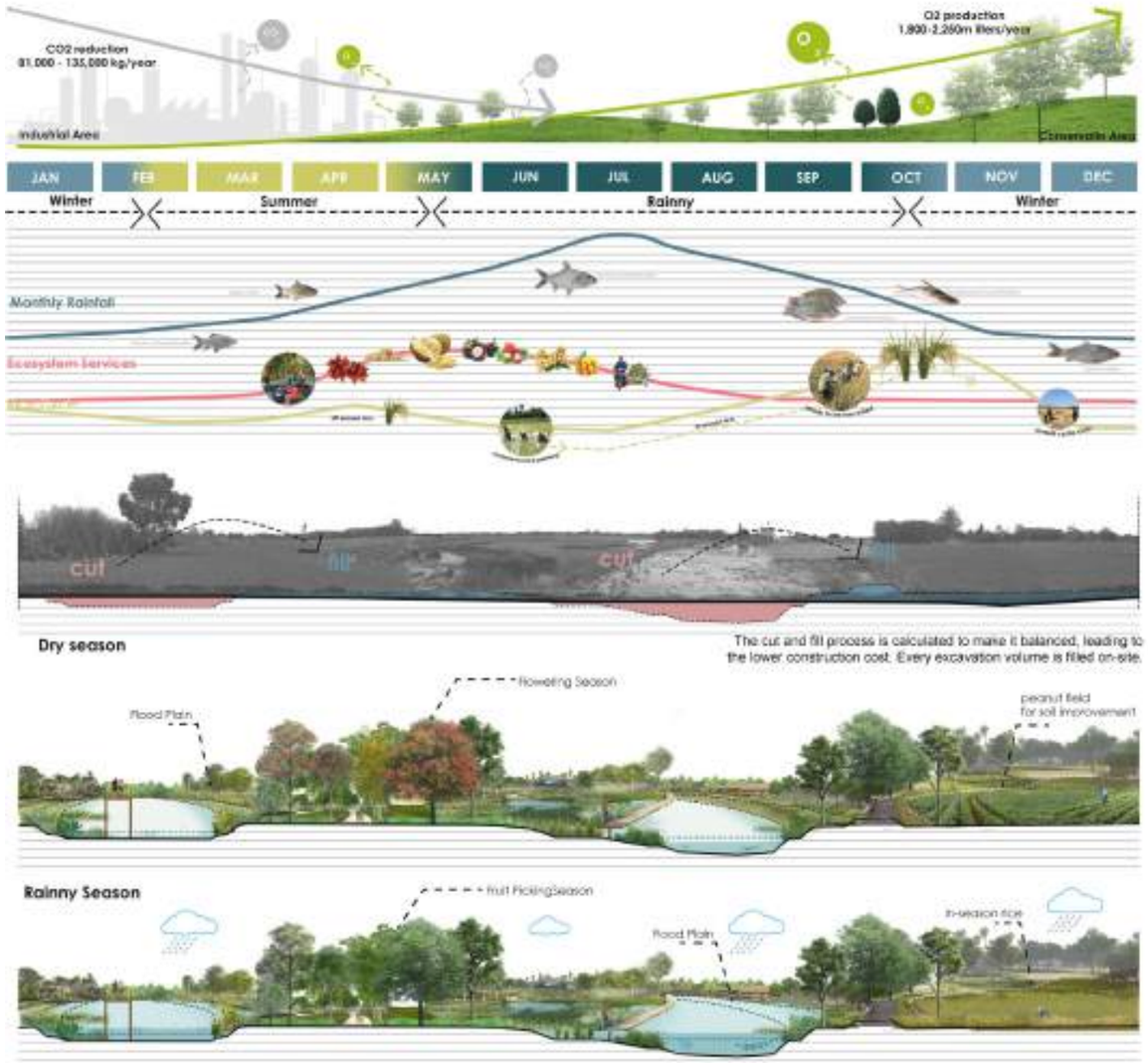


LANDSCAPE ARCHITECT FIRM:
AECOM

COMPANY ORGANISATION:
AECOM

RAYONG CULTURAL CENTER

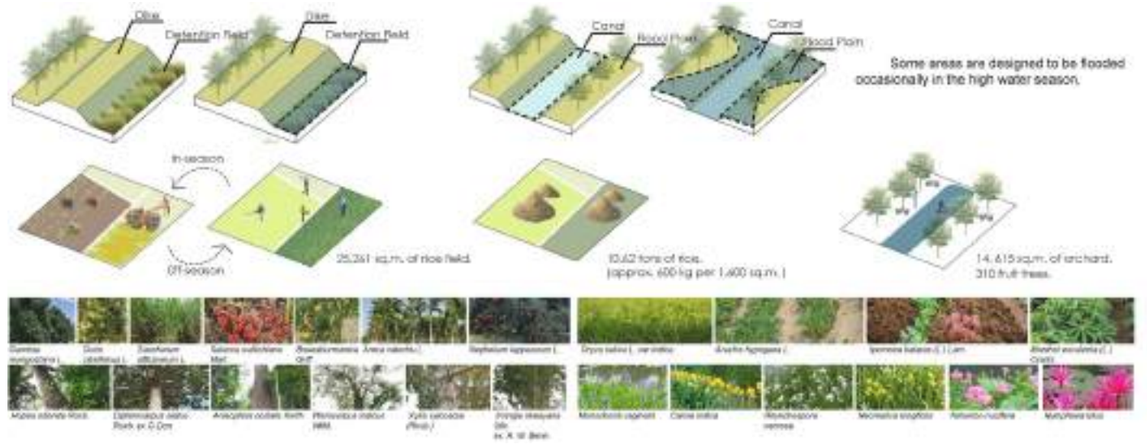
Rayong Area: 225,600 sqm



Rayong Cultural Center is located in Bankhai sub province, Rayong province, where the early community of Rayong was settled. The site is located in between the new industrial area and the agricultural conservation area, connecting to the new arrival route of the EEC (Eastern Economic Corridor) centre. Therefore, Bankhai is the new gateway to Rayong and also an important milestone of Rayong Cultural Development.

Formerly, Rayong had plenty of natural resources and diverse topography. Accordingly, the human settlement is in a water-related area. The province includes the cultural landscape of floodplains, "Mab" (marshland), canals, commercial zones, to the estuary fishery area. However, everything changed rapidly after the city's development, industrialisation, and urbanisation. Therefore, the goal of this project is to create a cultural centre for collecting cultural arts, traditions, and Rayong's knowledge, as well as to pass through various learning processes for preservation.

The design started with a small but significant society – locals in the community. We co-created the initial concept through a community-based participatory process for sustainable development in terms of economy, society, and environment.



LANDSCAPE ARCHITECT FIRM:
Arsomsilp

LA S NAMES WHO WORKED ON THE PROJECT:
Landscape Studio by Arsomsilp

ARCHITECT FIRM:
Arsomsilp

COMPANY ORGANISATION:
Arsomsilp Community and Environmental Architect Co.,Ltd.

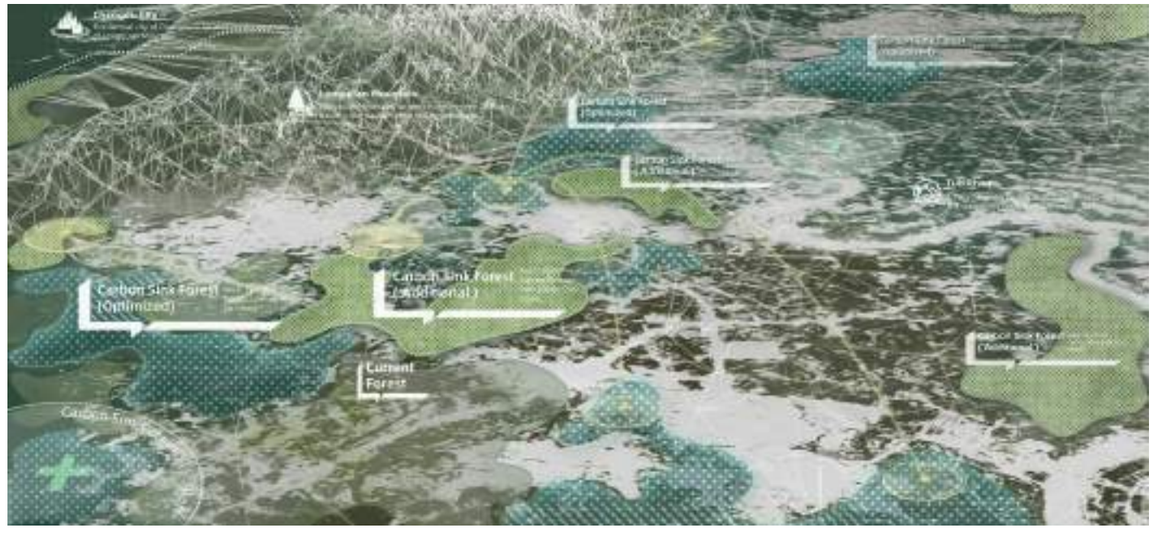
CARBON-POSITIVE URBAN FOREST SYSTEM: FOREST ECOSYSTEM RENEWAL PLANNING IN THE EASTERN NEW CITY OF CHENGDU

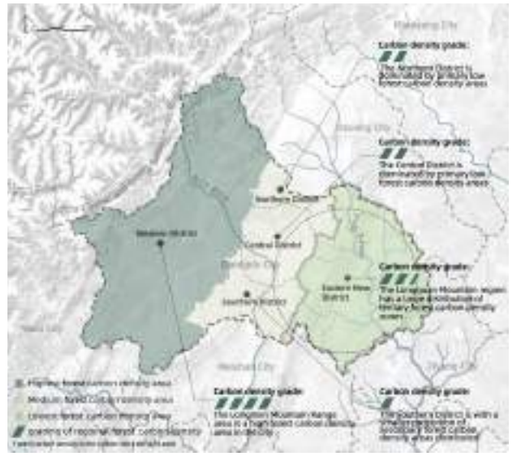
Chengdu Area: 3,976 sqkm

The project is in the new urban area of the central city in Eastern New District, Chengdu City, Sichuan Province. Research and planning scope covering the overall administrative division of 3976 km², the overall total amount of blue and green space is sufficient, and the forest coverage rate reaches 31.22%. However, there are some hidden dangers, such as insufficient total carbon storage and uneven spatial distribution, low forest quality, and high carbon emission from urban construction. In the future, Eastern New District will usher in large-scale urban construction and siphon population, which will cause a large missing carbon sink between the available carbon source, and the forest vegetation will not be able to provide corresponding gas and climate regulation.

As a special study on forest carbon sink in the strategic planning of Eastern New District, relying on regional forest resources, the project focuses on the positive impact of forest carbon sink on climate change, constructs a carbon-positive oriented regional urban forest system, to provide a new green framework for regional urban development. The plan proposes a multi-scale renewal strategy from three research scopes.

At the scale of forest basement, accurately increase forest 97.08km², the displacement update 76.68km² through assessment of carbon sink potential to improve regional forest Carbon storage. The pattern of "forest &" combined with wetland, farmland, urban and other upgraded forest land into carbon storage forest, carbon sink increasing forest, low-carbon forest, carbon source reducing forest. At the ecological corridor scale, through carbon forest community simulation, the 671.6 km carbon sink corridor with carbon reaction, carbon capture and carbon filtration mode is constructed. Connecting towns, villages, farmland and other important ecological sources, corridors communicate carbon source and carbon sink to balance regional carbon flow, and maximise regional carbon sink capacity in a low-intervention network. At the scale of urban forest, low-carbon scenes are built to provide residents with a more low-carbon and friendly, livable environment.





CLIENT:
Chengdu Park City Bureau

LANDSCAPE ARCHITECT FIRM:
Beijing Forestry University

LA S NAMES WHO WORKED ON THE PROJECT:
Li Xiong, Li Fangzheng, Shao Ming

CIVIL STRUCTURE ENGINEER:
Xu Fang, Li Yichen, Zhou Zilu

QUANTITY SURVEYOR:
Wang Hongda, Zhao Weiqi, Li Kehui

LANDSCAPE CONTRACTOR:
Liu Yutong, Wang Wenfei

LIGHTING DESIGNER:
Liu lian, Duan Shixuan

BUILDER:
Chen Mingkun, Feng Li, Zhou Liyun

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Li X, Li FZ, Shao M, Lin CS, Xu F, Chen MK, Feng L, Zhou LY, Wang HD, Liu L, Liu YT

COMPANY ORGANISATION:
Beijing Forestry University

Award of Excellence

CONVERGING OF THREE TRENDS - ALL-AREA TOURISM-BASED DEVELOPMENT : KUICHONG RIVER BLUEWAY, SHENZHEN

Shenzhen Area: 23 sqkm

Kuichong River Blueway Construction Project, with a total length of 23 km, is located in Dapeng New District, Shenzhen. Based on the value of "Trendy Kuichong," the river is taken as an important natural infrastructure to promote urban renewal, expand services to a wider range of objects, including living beings, create a new pattern of global tourism in the Dapeng New District, and make residents lead a healthy life, visitors enjoy tourism and living beings stay to drive three new trends - culture, life, and ecology - in Kuichong.

The design aims to solve the issue of resilient natural and ecological valuation to form a completely urban environment and build a green corridor around local living beings. The design of the slow traffic service system focuses on the number of tourists in different trends and the overall experience system created by new water activities and tour lines. The ecological blueway serves tourists during busy hours, local people during idle hours, and serves nature all the time. Large concave green spaces, ecological sponge spaces, underwater forests, mangrove communities, characteristic forest classrooms, etc., are built according to local conditions.

The change of the tourism model represents the pursuit of high value and low influence and is also a new paradigm of blueway development. Starting from experiential tourism, an overall plan will now focus on all-area, slow-paced tourism. The existing and to-be-built blueways will be optimised up to new standard, and the different styles of culture, life and ecology are shaped in combination with the concept of the three trends. Local communities, representing historical continuity and improved ecological valuation, will constitute a new trend. This is the "Trendy Kuichong."

CLIENT:
Dapeng Construction Department

LANDSCAPE ARCHITECT FIRM:
Hope design, MLA+B.V., CCCC

LA S NAMES WHO WORKED ON THE PROJECT:
WanHao YuPeimin Caoruizhi Yuyi

ARCHITECT FIRM:
Hope design, MLA+B.V., CCCC

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
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COMPANY ORGANISATION:
Shenzhen Hope Design Co., Ltd.

TENGAH PARC

Singapore Area: 120,300 sqm

Parc Residences Tengah is a project that showcases the strategies in designing a high-density urban environment in a park-like setting that would enhance the health and wellness of the community.

The design of the development aims to create a neighbourhood environment that would enrich the three dimensions of wellness comprising physical, mental and social.

Using the concept of a networked park as the spatial structure, a system of open and meandering paths is designed to allow residents to walk seamlessly across the precinct amidst lush greenery, embarking on a variety of trails, such as fitness, exploratory and therapeutic, to be immersed and enjoy the beneficial effects that nature offers.

To enhance connectivity to facilities and mobility nodes, Parc Residences Tengah is designed with minimal driveways and new carpark typologies, where the parking decks are elevated to create sheltered communal spaces at the ground floor, and community sky parks on the rooftop.

The site is infused with a diverse range of landscape typologies designed to offer opportunities for people to enrich their health and wellbeing. Residents can socialise and stay active in a safe, park-like environment while enjoying the various landscapes throughout the precinct.

LANDSCAPE ARCHITECT FIRM:
Building & Research Institute

LA S NAMES WHO WORKED ON THE PROJECT:
Chin Wi Ming

COMPANY ORGANISATION:
Building & Research Institute

NATIONAL PACIFIC COAST SCENIC HIGHWAY (SU'AO-DONG'AO SECTION)

Yilan City Area: 27,650 sqm

Formerly the only road that connected Taipei and Hualien, the magnificent Huhua Highway (also known as Provincial Highway 9D) was built along steep cliffs above the Pacific Ocean. Later, the development and growth of the region brought both traffic and the resulting civil engineering facilities along the road, impacting the natural landscape.

The opening of an alternative road—improved Suhua Highway—in 2020 created a great opportunity for this road to be transformed into an ecological restoration-oriented national scenic road. The decrease in traffic allows a reduction in lane width and the reclaimed space to be used as ecological habitats which connect the ecological corridors on both sides of the highway to increase the ratio of green belt, improve the quality of tourism, and provide tourists with imposing and gorgeous natural landscapes.

CLIENT:
Fourth Maintenance Office,DGH, MOTC

LANDSCAPE ARCHITECT FIRM:
LEF

COMPANY ORGANISATION:
Taiwan Institute of Landscape Architects

TAMPINES GREENQUARTZ

Singapore Area: 76,500 sqm

The life cycle of a plant starts with a seed. If the seed comes to rest in a location with suitable conditions, it will germinate and send forth the first root and shoot. The root will grow down into the soil, stabilising the seedling and searching for nutrients and water, while the shoot grows towards the light to produce the first leaves. The landscape design concept takes inspiration from this lifecycle and relates to a leafy vine growing next to a water body. In this case the water is the nearby Bedok Reservoir, and our leafy vine is growing from the seed node - the main social space node between the housing precincts. The vine shapes the central open space of the development sending roots back to the reservoir to the southwest and extending shoots and leaves to the northeast through the Lembah Valley and ultimately into the park. Here the metaphorical buds and flowers form the elements and activity spaces of the park facilities. The vine branches out to define and connect, bringing life and activities to all the open spaces and residential blocks. The vine theme continues through the materials, features, and artworks, even the play areas.

CLIENT:
Housing and Development Board

LANDSCAPE ARCHITECT FIRM:
Stephen Caffyn Landscape Design

ARCHITECT FIRM:
3PA Pte Ltd

CIVIL STRUCTURE ENGINEER:
LSW Consulting Engineers Pte Ltd

QUANTITY SURVEYOR:
WT Partnership (S) Pte Ltd

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
United Project Consultants Pte Ltd , Coherean Pte Ltd

COMPANY ORGANISATION:
Stephen Caffyn Landscape Design Pte Ltd

BEIHU INDUSTRIAL ECOLOGICAL NEW CITY SPATIAL DEVELOPMENT PLANNING

Wuhan Area: 107,000,000 sqm

Beihu Industrial Ecological New City is located in the east of the WISCO plant in Qingshan District, south of the Yangtze River. The planning scope includes the administrative scope of Qingshan District to the east of WISCO's main factory area (including the former chemical industry area and the scope of WISCO Beihu Company), with a land area of about 107 square kilometres.

Relying on the existing steel and petrochemical industry foundation, combined with the planning of Qingshan District and the chemical industry zone, Beihu Industrial Ecological New City will construct a north-to-south ecological development axis on a macro level. It serves as an eco corridor to connect the Yangtze river and the North Lake and guide the two industrial development belts on the east and west sides to connect with Optics Valley High tech industry and high-end financial technology industry in Changjiang New Town. Focusing on leading industries and important related industries, six key development directions of new materials, high-end equipment manufacturing, biomedicine, hydrogen industry, modern service industry, and related supporting industries are determined. Implement the protection of the Yangtze River, base itself in Wuhan, and build a "North Lake Qingcheng, a water and green continent" as a whole.

CLIENT:
Wuhan Chemical Industry Zone

LANDSCAPE ARCHITECT FIRM:
Wuhan Chemical Industry Zone CSPDR& Halcrow(Shanghai)

LA S NAMES WHO WORKED ON THE PROJECT:
Chen Wenfeng, Li Xiaofen, Zou Yunjie, JUAN

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Han Danmin, Fu Songquan, Cao Lei, Wang Weiliang, FangTaiyu, Zhang Ying

COMPANY ORGANISATION:
Halcrow(Shanghai) Engineering Consulting Co.,Ltd

Honourable Mention

WATER RESILIENCE BASED URBAN REDEVELOPMENT - ENHANCING FLOOD DISCHARGE SPACE IN RESPONSE TO EXTREME WEATHER: PAILAO RIVER BLUEWAY, SHENZHEN

Shenzhen Area: 736,000 sqm

Pailao River Blueway plays an important role in coping with extreme weather and enhancing flood discharge space, located in Bao'an District, Shenzhen. After the design, Pailao river has changed from the original single drainage function river to an artery of the sponge city downstream. The new relationship between the city and the river has changed into symbiosis with the city water and construction together with nature.

Rivers are used as the venation to build a blue resilient network of urban built-up areas. Three strategies have been put forward for local residents, workers, visitors, and ecological species.

Large-scale: Resilient Green Blue Network
Medium-scale: Inclusive Urban Redevelopment
Small-scale: Healing Culture Community

Based on sponge city measures to reshape the ecological base, 41,200 m3 rainwater landscape regulating and storage space was added to reduce flood discharge pressure and the Pailao river level by about 10cm during extreme weather floods. Soften the riverside space, set up multiple buffer zones, and create an ecological city that includes storage and public spaces. Relying on the construction of Pailao River Blueway to drive the renewal of surrounding cities, we reasonably transform and upgrade different plots and create an inclusive and dynamic new city.

CLIENT:
Bao'an Water Affairs Bureau

LANDSCAPE ARCHITECT FIRM:
Hope Design, VenhoevenCS, HDEC

LA S NAMES WHO WORKED ON THE PROJECT:
Wan Hao, Yu Peimin, Gao Zhumin, Che Jinhui, Yi Yu

ARCHITECT FIRM:
Hope Design, VenhoevenCS, HDEC

CIVIL STRUCTURE ENGINEER:
Hope Design, VenhoevenCS, HDEC

LIGHTING DESIGNER:
Hope Design, VenhoevenCS, HDEC

BUILDER:
Bao'an Water Affairs Bureau

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Ton Venhoeven, Jos-Willem van Oorschot, HuJiandong, MoBingguang, WangHaotian

COMPANY ORGANISATION:
Shenzhen Hope Design Co., Ltd.

Honourable Mention

A RESILIENT GREEN "NOAH'S ARK" - A CHINESE EXPLORATION OF BIODIVERSITY CONSERVATION IN MOUNTAINOUS AREAS ACROSS THE FLORA IN RUILI CITY, YUNNAN PROVINCE

Ruili City Area: 22,55 sqkm

The first Climate Adaptation Summit 2021 of the United Nations advocated "pioneering solutions for the adaptation to the inevitable impacts of climate change." Meanwhile, how to balance economic development with sustainable development in response to the climate crisis in less-developed regions is also an inevitable key issue.

Located in a less-developed region along the China-Myanmar border, the project aims to design a resilient green "Noah' s Ark" in response to the climate crisis through the synergistic management of the Ecosystem-based Adaptation (EbA) and Ecosystem-based Disaster Risk Reduction (Eco-DRR), so as to achieve the comprehensive enhancement of local ecological, economic, and social benefits. The research results are expected to become a replicable model for similar areas.

CLIENT:
Ruili Cultural Tourism Invest. Co.

LANDSCAPE ARCHITECT FIRM:
Beilinyuan LA P&D Inst.

LA S NAMES WHO WORKED ON THE PROJECT:
F.YE,Y.XU,JH.CAI,H.ZHAO,YF. SHI,WY.JIANG

CIVIL STRUCTURE ENGINEER:
YQ.WEN,NH.HUANG,YW.LI,RH. LI,DM.LI

QUANTITY SURVEYOR:
YY.XU,H.LIU,YQ.ZHUANG,WL. WU,LF.YIN

LIGHTING DESIGNER:
TG.LUO,ZA.GUO,SW.LI,KJ. CHEN,H.SUN

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
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COMPANY ORGANISATION:
Shenzhen BLY Landscape & Architecture Planning &Design Institute Co., Ltd.

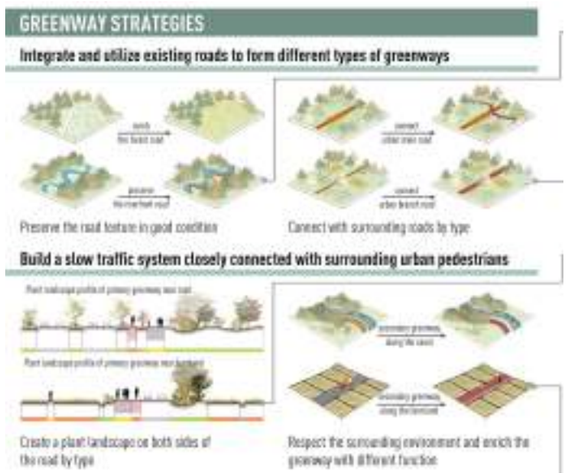
FORMING THE “CHENGDU GREEN RING”: THE LANDSCAPE PLAN OF THE ECO-PARK BELT IN CHENGDU

Chengdu Area: 133,11 sqkm

Chengdu is a metropolis with a population of 10 million beside the snow mountains of Qinghai-Tibet Plateau. The Eco-Park Belt provides the largest continuous green space around the central city of Chengdu, covers 133.11km2, and aims to integrate the fragmented “residual” open spaces between built-up areas into one resilient, attractive, and multi-scenario “Chengdu Green Ring”.

The idea of the plan emphasises the cautious conservation of remaining traditional ecological patterns on a comb-like irrigation canal system, and sets up a digital database platform for all-area landscape resources by 8 layers, including soil surface, water system, farmland, planting, habitats, historic relics, greenways and visual corridors. This provides the base map for proposing on-site specific strategies and follow-up dynamic monitoring on the optimisation of landscape performance. The 133.11km^2 area is divided into 32 sections and 172 zones, and 26 planning actions and 80 technical guidelines are introduced to provide corresponding “menu-style” design guidelines of each zone, in order to restore the ecological texture, to improve the landscape quality, and to activate public life.

This project is a valuable exploration to provide systematic solutions for reconnecting urban residents with the regional park system in mega-city areas in the rapidly urbanising era.



CLIENT:
Park City Administration Bureau

LANDSCAPE ARCHITECT FIRM:
Beijing Forestry University

LA S NAMES WHO WORKED ON THE PROJECT:
WANG Xiang-rong, QIAN Yun, ZHANG Jin-shi

CIVIL STRUCTURE ENGINEER:
DONG Li,ZHAO Jing

QUANTITY SURVEYOR:
WEI Fang,WANG Si-yuan,XU Fang

LANDSCAPE CONTRACTOR:
CHEN Ming-kun, FENG Li, ZHOU Li-yun

LIGHTING DESIGNER:
GQ, LT, CX, CYJ, LH, ZY, HWL, LYT, SZH, LYC

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
HUANG Chuli, XU Shaocong, QIAN Leixi, LJZ, LCM, LYF, DYX, HD, ZQY, MWL, LFZ, LHQ, WSQ, LH, CQT, ZCH, CR

COMPANY ORGANISATION:
Beijing Forestry University, Atelier DYJG

BIODIVERSITY, CLIMATE CHANGE AND ADAPTATION: THE NATURE-BASED SOLUTION IN THE CONSTRUCTION OF LOW-CARBON URBAN ECOLOGICAL SPACES

Yantai Area: 61,2 sqkm

Yantai is a coastal city and an industrial powerhouse on mountainous Shandong Peninsul, where most of its population reside on belt-shaped coastal plains. The city aims to become a carbon reducing example responding to national commitment to peak carbon emission in 2030. Challenges facing the city include problems of ecosystem encroachment, the difficulty of stock space utilisation, the dilemma between new facilities construction and ecological protection, and the task of living quality improvement.

We assembled designers and researchers of transportation, energy, municipal administration, landscape environment, economics, etc. and cooperated with entrepreneurs and residents to form a low carbon urban planning solution for Yantai.

The solution includes four strategies: Firstly, establishing aself-organising system of urban ecological landscapes with carbon sink capabilities. Secondly, establishing an urban ecological landscape system that is conducive to energy conservation and carbon reduction. Thirdly, evaluating and classifying ecological corridors achieving both biodiversities and the need of constructing new energy infrastructure. Fourthly, making the ecosystem reachable for residents’ daily lives.

This plan will help urban Yantai establish a safe, efficient, and attractive ecosystem, improve the overall carbon sink capabilities, promote the low impact construction of new energy infrastructure to benefit its residents of over 3 million.

LANDSCAPE ARCHITECT FIRM:
Tsinghua Tongheng Institute

LA S NAMES WHO WORKED ON THE PROJECT:
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CIVIL STRUCTURE ENGINEER:
MaYX, ShuaiSD, ChenXB, AnBF, LinYR, LiQ

QUANTITY SURVEYOR:
Cui Y, Dong XY

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
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COMPANY ORGANISATION:
Beijing Tsinghua Tongheng Urban Planning and Design Institute

THE SEAM OF URBAN RIDGES, CHAIN OF THE CLOUDS PLAN — 'LONGHUA-FUTIAN' TRANS-REGIONAL BIKE LANES PLANNING AND DESIGN

Shenzhen m² Area: 6,37 sqkm

The 40-year development of Shenzhen is a process of crossing the Border Control Area Line (central mountain range), becoming an international city and marching towards the Great Bay Area. Due to the characteristics of urban space, the central mountains block the vitality of urban economy between Futian District and Longhua District. The construction of grey infrastructure affects the continuity of ecology. Urban problems caused by spatial barriers are becoming more and more prominent.

The government, designers and citizens have developed a series of 10-year construction and restoration plans. It decided to take the 6.37km elevated bike lanes project as an opportunity to fill in the gap of cross-regional slow-traffic commuting, which could improve the slow-traffic network between urban areas, and restore the ecological system of the Central Mountains. After the construction, it would bear 8% of the traffic capacity of the area; connect 18 square kilometres of ecological green space; provide commuting and leisure services for 320,000 residents along the line; connect 9 square kilometres of industrial and commercial space, and reduce carbon emissions by about 3 million kilograms per year. This chain of the clouds mending the ridge of the city, would help create a new pattern of urban development with service and refinement. It would also realise the beautiful vision of building an world-class bay area in an all-round way.

LANDSCAPE ARCHITECT FIRM:
SUTPC ; CSMEDI ; Youxian designers

LA S NAMES WHO WORKED ON THE PROJECT:
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OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
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COMPANY ORGANISATION:
SUTPC

PROTECTION PLAN ON THE KARSTIC GEOLOGY AND BIODIVERSITY OF JINFO MOUNTAIN

Chongqing m² Area: 107 sqkm

Jinfo Mountain was formed hundreds of millions of years ago. As the core part of the World Natural Heritage, Jinfo Mountain is the only geological wonder of "Karst Table Mountain" in the world. Meanwhile, it is also the region with the highest biodiversity richness in the same latitude and has high geographical and biological research value.

In recent years, with the increase of human development activities and tourism intensity, the original plant diversity and community balance have been threatened, which in turn threatens the survival and safety of rare animals. Moreover, the increase of tourists also impacts natural landforms such as karst caves and cliffs.

Given the existing problems, the study of regional ecological stability and the formulation of the overall protection framework will be the first actions. Additionally, it also includes the approaches of using artificial low intervention methods to restore the stability of plant communities, maintaining the ecological balance of regional plants, and repairing animal habitats and movement corridors to ensure the safety of their habitats. It is also significant to advocate ecological tourism and popular science education under the premise of maintaining the original geological appearance and biodiversity, thereby promoting the sustainable development model of harmonious coexistence between humans and nature.

CLIENT:
Huinong Cultural Tourism Development

LANDSCAPE ARCHITECT FIRM:
WTD GROUP

LA S NAMES WHO WORKED ON THE PROJECT:
Li Hui, Zhang Zongguo, Zhang Shijia

COMPANY ORGANISATION:
WTD GROUP

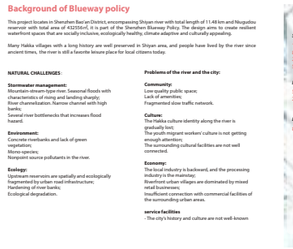
SHAPING A RESILIENT FUTURE: SHIYAN RIVER AND NIUGUDOU RESERVOIR BLUEWAY DESIGN

Shenzhen Area: 0,91 sqkm

The rapid urbanisation in Shenzhen had substantially changed the rivers in the city. The rivers had been neglected, serving only as a low-quality discharge channels, which lead to ecological degradation in biodiversity. Squeezed riverfront public space has poor accessibility with fragmented slow traffic routes. And community life is separated from the rivers.

Therefore, the Blueway policy envisions the recovery of 1000 km of existing rivers and lakes by 2025. This project offers the opportunity to transform the 11.48 km-long Shiyan river from a discharge channel into a Blueway with healthy river ecology, green riverfront spaces and water buffer areas in combination with climate adaptation measures. More importantly, it also accelerates the regeneration of the local villages, and formulates slow traffic connections to the surrounding parks, cultural amenities and commercial facilities. With these interventions, the Shiyan river Blueway proposal creates a regional river park that is naturally and socially resilient. It ensures the significance of the Shiyan river as a hydrological, ecological, economic and social backbone of the region.

Its multidisciplinary team with landscape architects, urban designers, architects, ecologists, and hydrologist has delivered integral approaches into a feasible design fitting with the complex urban context.



CLIENT:
Shenzhen Baoan Water Bureau

LANDSCAPE ARCHITECT FIRM:
NL Urban Solutions, Lingnan Design

ARCHITECT FIRM:
RongHU, XiannongDONG, ChaoWang, TianXIN

CIVIL STRUCTURE ENGINEER:
China Design Group Co.ltd

QUANTITY SURVEYOR:
Dongying LIAO Zuo JUN Cristian R. Salcedo Shuyang LI

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MarjaNEVALAINEN YilinWANG YuhengLI FanghongLIU ZixinJIN LiliMA JianiCHEN ShiLEI JuanLIU

COMPANY ORGANISATION:
NL Urban Solutions B.V.

URBAN ADAPTER-HSINCHU GREENBELT AND UNDERGROUND PARKING FACILITY

Hsinchu City Area: 40,800 sqm

City infrastructure as a strategy to improve urban structure and community connection. The project is unique in the attempt to build a parking lot while focusing on fine tuning the structure of urban open space. Serving as an interface and a carrier of its surrounding amenities, Urban Adapter is a paradigm of urban landscape formation and space innovation.

Beyond underground parking, the project expands to encompass a linear corridor with three sections of street block. Its special location melds mountains, city, and the river, and connects the traditional downtown with the futuristic high-tech science park. “Open space, connect pivot, revitalise environment,” through the integration of landscape, architecture, transportation, and technology services, the plan aims to shape new possibilities of landscape and activity. It establishes a path of feeling from living, residing, to art and culture while constructing the greenbelt as the path to future.

As a revival of the city, a ‘friendly’ parking space is created, embodying human-friendly, nature-friendly, eco-friendly, and intelligent-friendly elements. While bringing in new spaces, new plants, and new activities, it creates a leisure corridor for living, explores possibilities for public space, and becomes the next green heart of the city.

CLIENT:
Hsinchu City Government

LANDSCAPE ARCHITECT FIRM:
Hsueh-Neng Chuang

ARCHITECT FIRM:
Hsueh-Neng Chuang

CIVIL STRUCTURE ENGINEER:
How-Jan Shi

QUANTITY SURVEYOR:
Hsueh-Neng Chuang

LANDSCAPE CONTRACTOR:
Guang Jing Construction Ltd.

LIGHTING DESIGNER:
CosmoC design, Ltd.

LIGHTING DESIGNER:
CosmoC design, Ltd.

BUILDER:
Guang Jing Construction Ltd.

COMPANY ORGANISATION:
Taiwan Institute of Landscape Architects

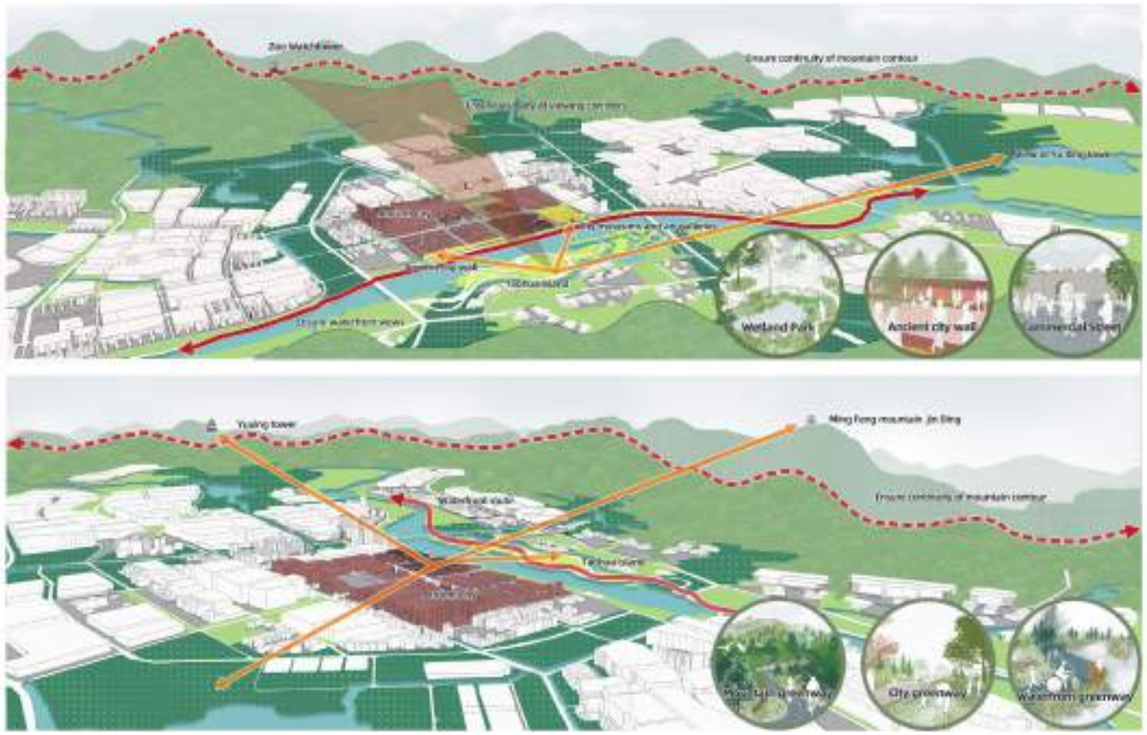
REJUVENATE THE ATTRACTIVE BLUE-GREEN NETWORK FOR A SMALL CITY WITHIN NATURE: THE URBAN LANDSCAPE PLANNING OF YUAN'AN

Yichang Area: 56,81 sqkm

Yuan'an is a small inland city with a long history of over 2,500 years, surrounded by mountains and rivers. Nowadays the close landscaping linkages between the city and nature are tending to break due to fierce urban expansion. This project aims to reshape the valuable urban form within natural scenery and activate diverse public life by rejuvenating a resilient, accessible, and attractive blue green network integrated with an open space system.

The project provides an evidence-based planning procedure led by an interdisciplinary framework. The current ecological pattern and urban landscape resources are evaluated through a GIS-based platform, while the needs of public space are concluded by on site social survey including semantic segmentation analysis of street scenes, questionnaires, and public cognition map summarisation. A series of planning strategies then form an integrated blue green landscape network which well preserves the ecologically sensitive areas, reconnects scattered historic relics, waterfronts, parks and scenic spots in mountains by pedestrian pathways, and leaves room to valuable urban natural visual corridors.

The outcomes also include an all area landscape database and a set of design manuals, as effective long term toolkits to monitor the follow up landscape practice and performance.



LANDSCAPE ARCHITECT FIRM:
Tsinghua Tongheng Institute & BFU

LA S NAMES WHO WORKED ON THE PROJECT:
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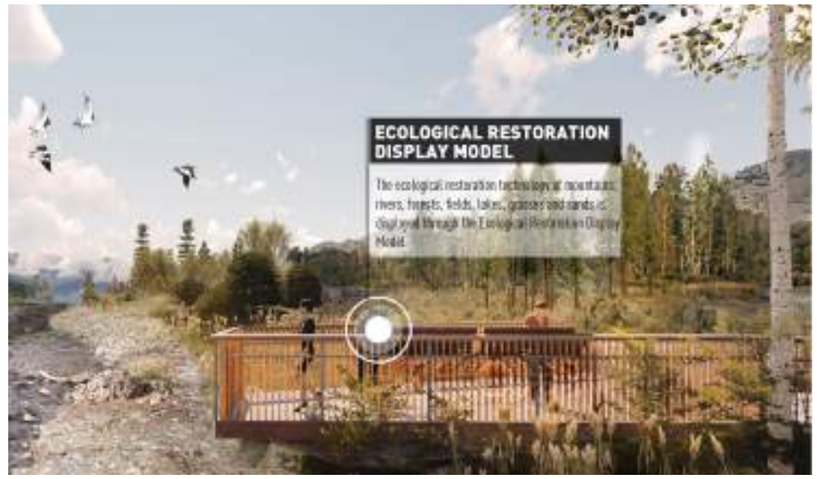
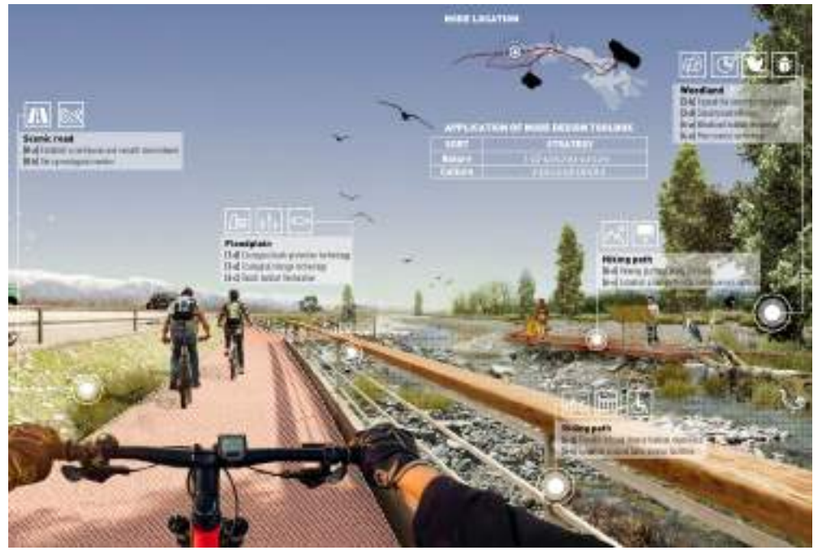
COMPANY ORGANISATION:
Beijing Tsinghua Tongheng Urban Planning and Design Institute

RESHAPING THE CORRIDOR OF NATURE AND CULTURE: BORTALA RIVER LANDSCAPE CORRIDOR MASTER PLAN

Bole City Area: 1113 sqkm





LANDSCAPE ARCHITECT FIRM:
Beijing Forestry University,DYJG

LA S NAMES WHO WORKED ON THE PROJECT:
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LIGHTING DESIGNER:
TANG YC, REN DQ, MIAO CS, HAN S

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
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COMPANY ORGANISATION:
Beijing Forestry University, Atelier DYJG

Bortala Mongol Autonomous Prefecture is located in the northwest edge of Xinjiang Uygur Autonomous Region and the hinterland of Eurasia, bordering the Republic of Kazakhstan in the north. Bortala River is the mother river of Bortala, along which there is not only beautiful natural scenery but also a lot of historical and cultural heritage. At the same time, Bortala River, as the only east-west flow river in the Tianshan ecological zone, is the main supply source for Ebinur Lake, which is related to the ecological security of Xinjiang. With the aggravation of global climate change and the development of the city, Bortala is facing many problems and challenges in terms of nature and culture. Based on scientific analysis and quantitative research, the plan proposes the overall goal of "A Museum of Nature and Culture without Walls". The planning team implemented a three-step planning process – spatial identification, integration planning and node design. By combining the rich natural and cultural resources along the Bortala River, the relationship between ecological protection and economic and social development will be properly coordinated to create a resilient future for Bortala.

CONCEPTUAL PLANNING FOR GREENWAY CONNECTIVITY AND LANDSCAPE IMPROVEMENT IN URBAN MOUNTAIN PARKS IN WUHAN OPTICS VALLEY NEW DISTRICT

Wuhan m² Area: 5,930,000 sqm

In the process of globalisation of cities, ecological environment and livable environment are the inevitable trend of global construction and development, which is also the desire of people. The city Mountain Park, as an important ecological space, shall meet not only the growing demand for urban public space, but also contribute to the transformation and renewal of urban issues. Our design, by taking the strategies of connecting the areas, the interacting of the areas to share diverse elements and , linking the internal parts of the city, and connection of green space, attaches "connecting"as the core to create a healthier city, re-set the connection between man and nature, improve the comfortability of living environment, promote the attractiveness of the "living space" and the value of the environment.

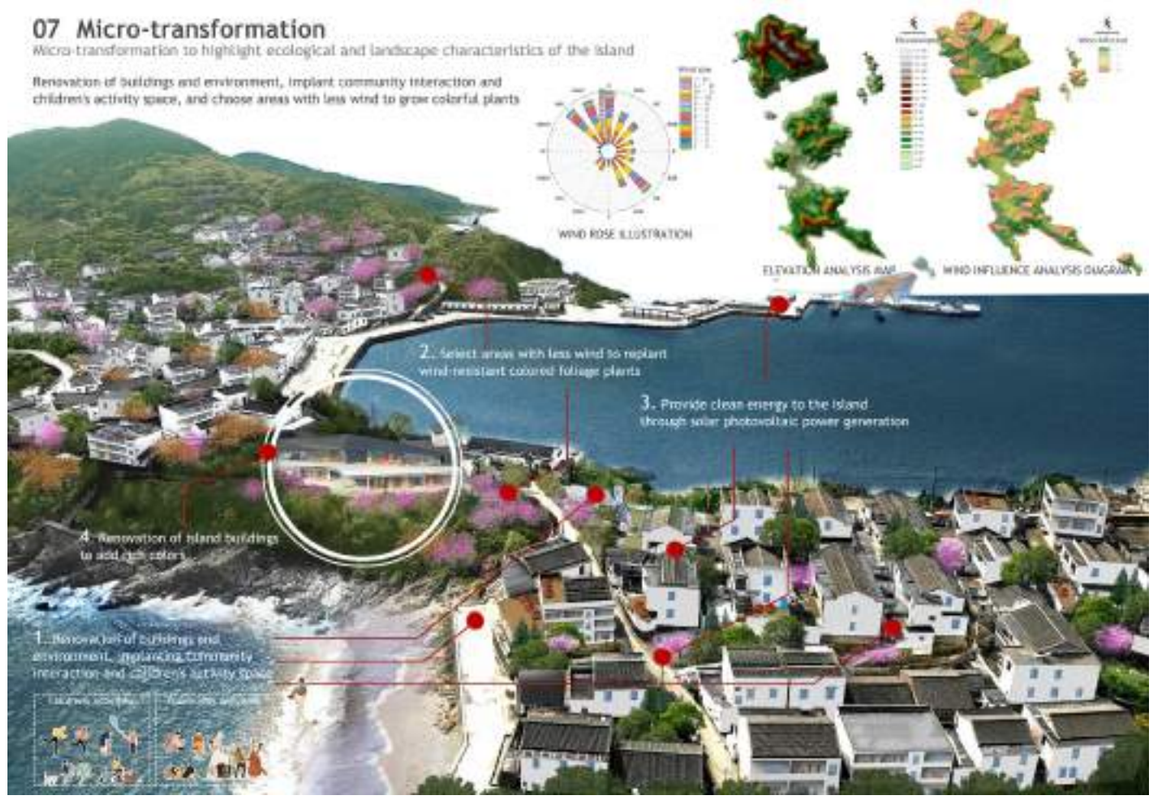
LANDSCAPE ARCHITECT FIRM:
Shenzhen Wenke Landscape Corp.,Ltd.

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
WUHAN PLANNING & DESIGN CO., LTD.

COMPANY ORGANISATION:
Shenzhen Wenke Landscape Corp., Ltd

"5M" DESIGN TO IMPROVE CLIMATE ADAPTABILITY OF ECOLOGICAL ISLANDS – PLAN FOR BAISHA ISLAND IN ZHOUSHAN CITY, ZHEJIANG PROVINCE

Hangzhou m² Area: 2,649 sqkm



Baisha Island is an ecological offshore island closest to cities and Putuo Mountain Scenic Area among the Zhoushan Islands. It is composed of the inhabited Baisha main island and Chaishan Island, and many unmanned islands and reefs. Following gradual changes in global ecology and marine climate, Baisha Island is faced with many problems, such as interference of strong winds and waves, decline of traditional fishery industry, gradual hollowing of communities, and fragile ecological landscape.

The plan proposes the "5M" measure to enhance the climate adaptability and industrial vitality of the island. It is to reduce extreme ocean climate disturbance through mobile facilities, develop micro-vacation for short-range tourists to promote low-carbon tourism and industrial vitality, build mountain and sea ecological cycle and marine ranching to enhance ecological diversity, launch micro-transformation of architectures and landscape to improve the island environment, activate and mix cultures to display and retain the historical memory of island fishing villages, so that Baisha Island can become a dynamic low-carbon ecological tourism island and a spiritual harbor.

LANDSCAPE ARCHITECT FIRM:
Tsinghua Tongheng Institute

LA S NAMES WHO WORKED ON THE PROJECT:
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OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
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COMPANY ORGANISATION:
Beijing Tsinghua Tongheng Urban Planning and Design Institute

"SAFETY, CONNECTIVITY, INTEGRATION & RESTRUCTURING" – PLAN FOR GREEN DEVELOPMENT ALONG XIAOFU RIVER IN ZIBO

Zibo Area: 17,56 sqkm

As the mother river of Zibo, Xiaofu River is 64.7 kilometres long and connects six districts and counties. It is an important cradle of the city's environment, culture, society and economy. With rapid urbanisation, the environment of the river and the banks faces serious threats, such as severe water pollution, fragmented space and weak ecosystem. The plan focuses on ecological restoration and landscape improvement along the river. By building an urban park belt, the plan connects pedestrian greenways, pieces together the fragmented space along the river, and rebalances the city and the water. The original "fragmented, broken, inefficient, boring" channel has turned into a "safe, energetic, healthy, effective" waterfront open space.

The river has changed from a "single waterway" to a "green and organic urban park belt", integrating ecological space and human space. It has promoted Zibo's ecological civilization, urban cultural revival, urban and rural coordinated development and industrial transformation. This has improved the quality and vitality of the city and people's sense of gain and happiness.

LANDSCAPE ARCHITECT FIRM:
CCEDRI

LA S NAMES WHO WORKED ON THE PROJECT:
YixiaWu, JingYan, LiboZhao, YuTian, YangPan

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
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COMPANY ORGANISATION:
China Construction Engineering Design&Research Institute Co., LTD

FULL-TIME CONCERTO, ALL PEOPLE SHARED – SHANGHAI YUYUAN ROAD SHARED STREET DESIGN

Shanghai Area: 11,000 sqm

The project explores the possibility of landscape intervening in a high-density urban centre. The site is located within the Shanghai Historic Landscape District and consists of Yuyuan Road, Yuyuan Branch Road and the triangular green space between them. The site will serve as a pilot for the construction of shared urban streets in the context of Shanghai's proposal to regenerate its stock of land to meet the spatial needs of the city's future development. The project considers the street as the primary public space in the city from the perspective of users' daily lives, and should enable people to have a richer experience of urban life through street walking. The project proposes an effective operational framework for street regeneration, adjusting the distribution of pedestrian and vehicular space on Yuyuan Road, promoting spatial and temporal sharing of street space, and enhancing the green quality of the street, thus transforming Yuyuan Road from a traffic space to a pedestrianised living space.

CLIENT:
MCPNR of Shanghai (Jing'an Bureau)

LANDSCAPE ARCHITECT FIRM:
BJFU, CAFA, BJJXPD Co., LTD

LA S NAMES WHO WORKED ON THE PROJECT:
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COMPANY ORGANISATION:
Beijing Forestry University

SHENZHEN BIG DIG, SUPER CONNECTIVITY WITH NATURE RESEARCH ON THE SINKING OF SHENZHEN BINHAI AVENUE AND ITS SURROUNDING ECOLOGY

Shenzhen Area: 2,1 sqkm

Rapid urbanisation was once at the expense of ecological environment, and car-oriented urban planning ignored the needs of human and nature. Through decades of land reclamation from the sea Shenzhen has lost nearly 80% of its natural coastline. Binhai Avenue located on a section of the "gold coast" in the city centre, breaks the mountain sea corridor. But, as a major traffic link between the east and west of Shenzhen and an important external channel for Shenzhen Bay Super Headquarters Base, it will carry even greater traffic pressure.

To balance ecology and transportation needs, the project adopts a low impact approach to sink the 1.59 km-long road section along Super Headquarters Base, create underground space effectively connecting the Base and Binhai Avenue to increase lanes, enhancing the road's traffic capacity, restore ground releasing 100,000 sqm of public space, restore mountain sea corridor for ecological circulation and migratory birds.

After completion, traffic capacity of Binhai Avenue will increase 10-fold, 27 restored public spaces will benefit over 300 000 people, with a 34 4 increase of migrant birds, reshaping the habitat where humans and nature coexist.

LANDSCAPE ARCHITECT FIRM:
SUTPC, STEDI, SWA Group

LA S NAMES WHO WORKED ON THE PROJECT:
Zhang Xiaochun, Li Muping, Cheng Zhipeng

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Chen Lan, Bai Liansen, Bian Yuewei, Zeng Yi, Wang Guodong, Bai Weixu, Zhang Wenjie, Wan Li

COMPANY ORGANISATION:
SUTPC

AVARUA TOWN PLAN

Avarua Area: 1,01 sqkm

This award entry addresses the reality that designers work within a given context that is often challenging to environmental ideals. In order to improve resilience to climate change, designers have to be resourceful and often make some tough decisions – such as this project's proposed infilling of a lagoon to save the capital city of Rarotonga from coastal inundation.

The Cook Islands' main settlement, Avarua on the exposed north coast of the island of Rarotonga, is strung out along the primary coastal road and contains the nation's key institutions and infrastructure including parliament, the airport, town centre, law courts, ports, etc.

With climate change, Rarotonga is experiencing increasing numbers and more ferocious tropical cyclones that are devastating this vulnerable township settlement and risk crippling the nation.

Overcoming traditional resistance to planning, this first comprehensive Town Plan, Te Papa Tau o Avarua, has a two-phase planning strategy to step towards creating a resilient township. A high priority is the investigation of a proposed land buffer between the town's two ports that will soak up storm surges and provide protection against damaging winds. The infilling of part of a degraded lagoon to form a waterfront park has additional benefits of creating a recreational and cultural hub for the capital region.

CLIENT:
Cook Islands Investment Corporation

LANDSCAPE ARCHITECT FIRM:
Reset Urban Design

LA S NAMES WHO WORKED ON THE PROJECT:
G.Falconer,R.Hearn,E.Fitzpatrick

ARCHITECT FIRM:
Romani Katao

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Stantic Transport

COMPANY ORGANISATION:
Reset Urban Design

EXPLORING THE DEVELOPMENT MODEL OF ECOLOGICAL AGRICULTURE IN THE LIXIA RIVER AREA OF HUAIHE RIVER BASIN —A MASTER PLAN FOR A MODERN AGRICULTURAL SCIENCE AND EDUCATION DEMONSTRATION PARK AT GAOYOU

Yangzhou Area: 1,56 sqkm

Faced with the threat of flooding, Chinese ancestors living in the Lixia River Basin of the Huaihe River Basin built low-lying paddy fields surrounded with dikes by excavating rivers, forming an agro-ecological region with a dense network of natural and artificial rivers. Unfortunately, the recent agricultural production method of using pesticides and fertilisers and building large-scale animal farms in pursuit of high outputs has produced untreated non-point surface pollution. Such pollution has been directly discharged into the dense network of rivers in the region, spreading to cause an ecological crisis.

With the support of multi-disciplinary expert consultants, the design team planned to build a modern agricultural science and education demonstration park covering an area of 1.56 km2 in Xiejia Town, Gaoyou City, Lixia River Region. The plan sought to optimise the layout of the agricultural industry, build a recycling agriculture system, depend on the use of water resources to shape a resilient eco-agricultural base. Its objectives were to create new, efficient, pollution-free and replicable agricultural production methods, to explore feasible ways to improve the drawbacks of existing forms of regional agricultural production, to raise farmers' income levels, and to respond to tangible socio-economic and ecological challenges.

CLIENT:
Yangzhou University

LANDSCAPE ARCHITECT FIRM:
Shanghai Edging A&LA CO.,LTD., SJTU

LA S NAMES WHO WORKED ON THE PROJECT:
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SCADI, EDGING

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COMPANY ORGANISATION:
Shanghai Jiao Tong University, Shanghai Edging A&LA CO., LTD.

XXIANG RIVERFRONT LANDSCAPE PLANNING AND DESIGN

Shenzhen Area: 635,000 sqm

As the mother river of Xixiang Street with a history of 1,700 years, Xixiang River enjoys a rich cultural heritage and an excellent environmental foundation.

This project is designed with the concept of "Xixiang River Regeneration" to awaken urban memories by restoring the natural habitat along the Xixiang River. Through multi-party collaboration, cultural revival campaigns, and community connection initiatives, the project aims to revive Lingnan traditional culture and recreate the riverbank lifestyle for locals. Meanwhile, to cope with possible extreme weather, a resilient ecological corridor will be built along the Xixiang River by adopting multi-level resilience treatment on both sides of the river.

CLIENT:
Shenzhen Baoan Water Bureau

LANDSCAPE ARCHITECT FIRM:
AECOM

LA S NAMES WHO WORKED ON THE PROJECT:
Kun Wu, Peishan Lun, Yuqin Zheng

ARCHITECT FIRM:
AECOM

CIVIL STRUCTURE ENGINEER:
CCCC FIRST HIGHWAY CONSULTANTS

COMPANY ORGANISATION:
AECOM

PANDA LAND MASTER PLAN

Chengdu Area: 69 sqkm

The Panda Land Master Plan proposes a connected, immersive and authentic Panda Trail across the city of Chengdu that tells the conservation story of iconic giant panda – inviting visitors to explore, discover and dream.

The plan was among the winning proposals in a design competition initiated by the Chengdu Government. It's based on the key principles of conservation, brand, destination, resilience and custodianship, and high sensitivity towards the existing conservation sites and sanctuaries in the region. Importantly, it aims to change the way people perceive and engage with wildlife, dissolving the idea that humans are dominant over nature.

LANDSCAPE ARCHITECT FIRM:
Hassell

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Shanghai Tongji Urban Planning and Design Institute, Jon Coe Design

COMPANY ORGANISATION:
Hassell

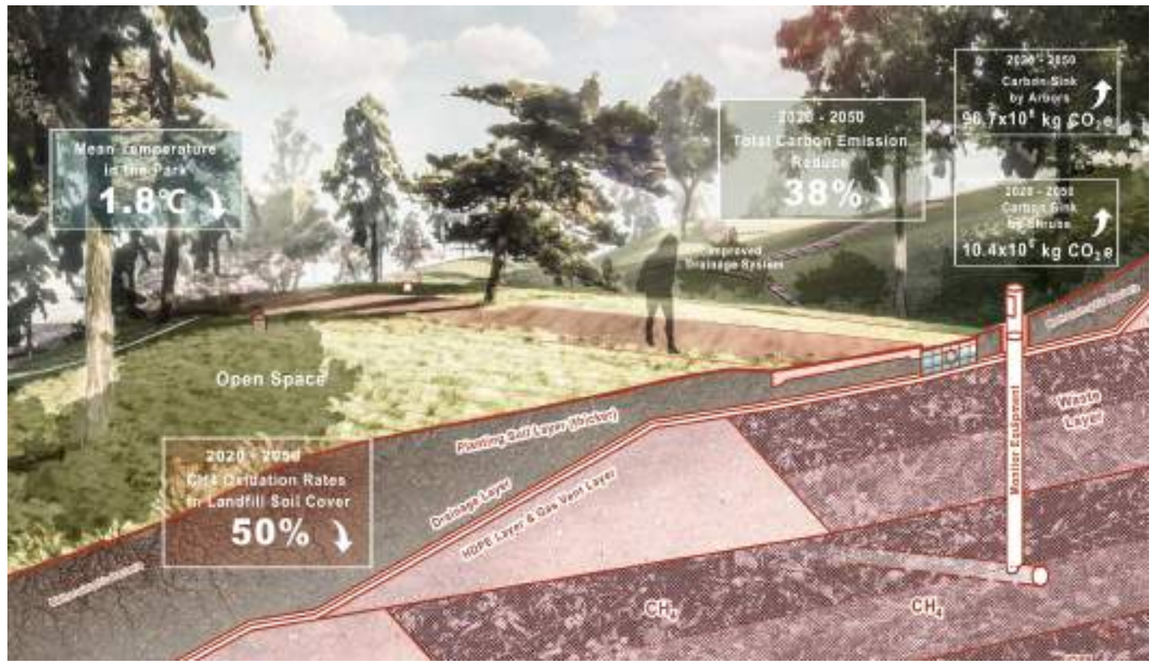
WASTE-SCAPE AS CRISIS MEDIATOR: A SUSTAINABLE INFRASTRUCTURE SYSTEM PLANNING FOR WASTE MANAGEMENT AT NORTHERN YIZHUANG IN BEIJING

Beijing Area: 100,6 sqkm

Extreme torrential rain and high temperatures are increasing the climate crisis we face in high-density urban environment nowadays. Globally, 5% of the total amount of carbon emissions is contributed by waste, which is a destined product of human life. The Waste-scape System Planning for the Northern Yizhuang Area in Beijing aims to build a more resilient and sustainable infrastructure system to cope with extreme climate crisis.

The project locates in the New Yizhuang District covering an area of 100.6 km² with 4 major waterways flowing through. The annual waste generation of Beijing is still on the rise with doubled sorting facilities planned for the project area in 2030. Through literature review, data analysis, mapping, case study, on-site investigation, and interdisciplinary collaboration, the proposed new Waste-scape System is comprised of multi-functional hubs, transfer stations and landfills.

The Waste-scape System Planning is expected to provide 497,000 sqm of open space from transformed facilities and 320,000 sqm of potential green space in the long-term, reducing approximately 42% of carbon emissions in the region. The new system would provide efficient green infrastructure for waste management, enhance stormwater infiltration rate and storage capacity, mediate micro-climate, and provide welfare for the general public with a sustainable new future.



LANDSCAPE ARCHITECT FIRM:
Dept .L.A. Tsinghua University & THUCBR

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
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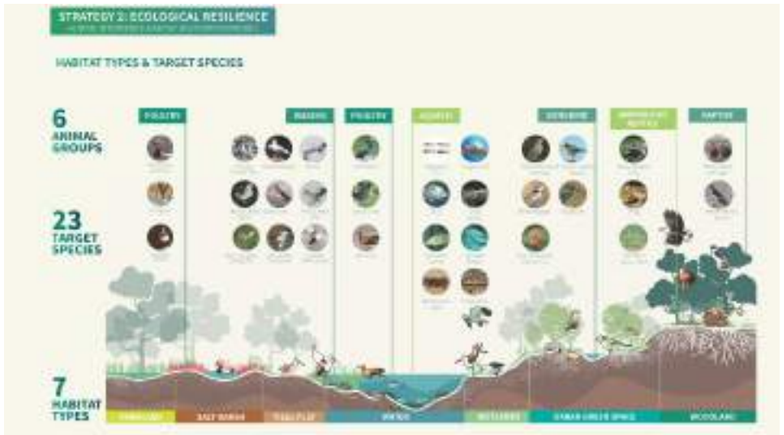
COMPANY ORGANISATION:
Hassell

THE GROWING ECOLOGICAL PARK - QINGDAO RUYI LAKE LANDSCAPE PLANNING

Qingdao Area: 7,24 sqkm



Ruyi Lake is designed to act as an" Ecological Infrastructure," providing not only storm water treatment for the surrounding urban areas but also acting as a large regional multifunctional park complete with wildlife habitat, park amenities, and activities focused on bringing people together.

As part of the vision for Qingdao ecological protection, the project will be one piece of a larger strategy in providing a Growing Ecological Park and catalysing similar sustainable ecological restoration projects in coastal cities. The goal is to provide more resilient natural spaces to mitigate the climate crisis for adjacent districts.

CLIENT:
CHINA-SCO COOPERATION COMMITTEE

LANDSCAPE ARCHITECT FIRM:
AECOM,
LINGNAN Design Group Co. Ltd

LA S NAMES WHO WORKED ON THE PROJECT:
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ARCHITECT FIRM:
AECOM

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QUANTITY SURVEYOR:
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COMPANY ORGANISATION:
AECOM

RESPONDING TO THE URBAN CRISIS WITH GREEN INFRASTRUCTURE - THE RENEWAL DESIGN OF JINZHONG RAILWAY PARK FROM THE PERSPECTIVE OF INDUSTRIAL CITY TRANSFORMATION

Jinzhong City Area: 75,000 sqm

As an important traditional industrial base, Jinzhong City is experiencing an urban climate crisis. Due to the overuse of energy and the overexploitation of natural resources in industrial development process, the concentration of greenhouse gases has increased at an extremely fast rate. Jinzhong has been left with ecological pollution, fragmented urban space, and communities without vitality. The project takes Jinzhong's urban space as research object, aims to establish and improve green infrastructure for green, low-carbon and circular development through scientific analysis and evaluation. With the big data statistics of urban space, a section of abandoned industrial railway with comprehensive potential and extensive influence was selected as a medium for Jinzhong's urban renewal. The project starts from three major strategies: the regeneration of community vitality, the construction of ecological network and the revival of industrial culture. The project takes the green renewal of the abandoned railway as theme, reconnects the abandoned area and the city, improves green land's utility and people's connection to it, creates diverse habitats for plants and animals, and advances the restoration of urban ecosystem. The project also takes the railway relics to extend its cultural memory.

With its comprehensive natural and human benefits, the project has become an influential demonstration through multi-party participation. It provides for the industrial cities a sustainable and promotable way of transformation.

CLIENT:
Jinzhong Garden Bureau

LANDSCAPE ARCHITECT FIRM:
Beijing Forestry University

LA S NAMES WHO WORKED ON THE PROJECT:
LI Xiong, ZHANG Yunlu, XIAO Yao, DUAN Wei

ARCHITECT FIRM:
Beijing Forestry University

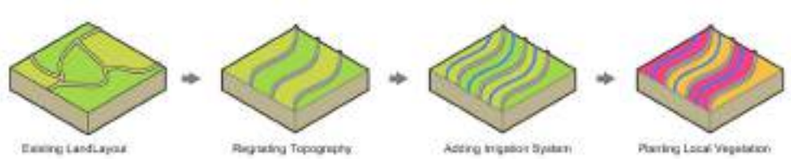
BUILDER:
MA Chengyi, ZHAO Guisheng, ZHOU Liqin

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
ZHONG Shu, QIU Yuanxun, LIU Yutong, MA Yuan, GUO Xu, HUANG Fusujing, SONG Yunshan

COMPANY ORGANISATION:
Beijing Forestry University

TRANSFORM VULNERABILITY TO PRODUCTIVITY—CREATING A SUCCESSIONAL RESILIENT SYSTEM IN ZIBO

Zibo Area: 17,5 sqkm



Zibo, a traditional industrial city, was an important position. But in the era of ecological civilization promotion, the city is facing transformational challenges and new opportunities. The 130-year history of mountain digging and quarrying has demolished the ecological environment in this area. The air and water bodies have been seriously contami- nated.

A team of experts cooperate with landscape architects hope to explore a set of comprehensive strategies for ecological restoration. The project uses advanced technology to formulate scientific and reasonable restoration plans to ensure geological safety; it sets different strategies for different land use and build a systematic network regarding to hydrology, ecology and human activities; it forms unique ecological corridors relying on mountain terrain; the team also respects the history and culture of the site and enhance social value. On the basis of restoring ecology and enhancing biodiversity, the project explores a replicable and sustainable operation model. While improving the urban environment and public participants, a benign and long-term economic development model will be formed.

CLIENT:
Zibo National New & Hi-tech IDZ

LANDSCAPE ARCHITECT FIRM:
Tsinghua Tongheng Institute

LA S NAMES WHO WORKED ON THE PROJECT:
Dan Shen, Shaoning Yan, Tingting Cai

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Xiangcheng Qi, Weigang Chen, Liang Yu, Liang Dong, Hui Xu, Yan Zhang, Sijia Liang, Ziyuan Yang

COMPANY ORGANISATION:
Beijing Tsinghua Tongheng Urban Planning and Design Institute

REVITALIZING THE GREAT CANAL – THE NORTHERN SECTION IN HEBEI PROVINCE

Baoding Area: 2652 sqkm

The Grand Canal is an important world cultural heritage site. Along the 1797 km route, the canal presents different landscape features in the north and south.

Due to general scenery, insufficient heritage display, lagging development, the northern canal is not well known to the world. How to protect, display, revive, develop and restore the Grand Canal of Hebei section? It's a problem, and it's our goal. An expert working group was established, including cultural relics, ecology, landscape, architecture, water conservancy, transportation, etc..

We conducted detailed investigation for 2 months, and collected historical information and current data for half a year. We built an ecological landscape and historical relics corridor 530 km long, 2 km wide on both sides of the Grand Canal. Multi-objective implementation plan was formulated, involving ecological restoration, landscape enhancement, heritage protection, intangible cultural heritage display, cultural tourism, village economy, etc.. We can expect that area along the line will be reborn due to the revival of the Grand Canal.

CLIENT:
Hebei Development & Reform Commission

LANDSCAPE ARCHITECT FIRM:
Tsinghua Tongheng Institute

LA S NAMES WHO WORKED ON THE PROJECT:
Yang Zhang, Yaoqin Liang, Lijuan Liu

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
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COMPANY ORGANISATION:
Beijing Tsinghua Tongheng Urban Planning and Design Institute

FROM BLACK COAL MINE TO GREEN CARBON BANK — CONSTRUCT HUMAN-NATURE FRIENDLY COMMUNITY FOR CARBON NEUTRALITY IN YANGMEI ABANDONED COAL MINE AREA OF SHANXI PROVINCE

Shouyang Area: 26,06 sqkm

As the mainstay of international energy, coal is the largest non-renewable energy resource in terms of output and consumption. However, coal is a major source of greenhouse gas emissions, producing large amounts of CO2 and SO2 throughout its life cycle, from mining to combustion. These have a significant impact on global climate change. The project is located at a large abandoned coal mine in Shouyang County, Shanxi Province. The project addresses the problems of energy depletion, ecosystem degradation, and poor habitat caused by long-term coal mining. The project also explores a low-carbon development pathway to achieve a "from Black to Green" energy revolution. We recovered the ecology of the mining area, improved carbon sequestration, reduced the risk of natural disasters, and developed the character of the plantation. In this way, we can establish green recycling industries, such as "intelligence + agriculture and forestry economy", "new energy + plantation" and "experience + tourism". In addition, we promoted the creation of "zero-carbon villages". Eventually, there will be a green carbon cycle combining regional carbon sink compensation and internal village dissipation. It will be a permanent mechanism of ecological compensation, industrial transformation, and habitat restoration.

CLIENT:
Shanxi Road& Bridge Landscape Group

LANDSCAPE ARCHITECT FIRM:
Beijing Forestry University

LA S NAMES WHO WORKED ON THE PROJECT:
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LANDSCAPE CONTRACTOR:
Gao Jinsheng, Hu Xuerui

BUILDER:
Wang Long, Zhang Fang

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Wang Kaiping, Chen Rong, Su Tingting, Wang Xinyan, Wang Weiqi, Li Shuangshuang

COMPANY ORGANISATION:
Beijing Forestry University

CONCEPTUAL MASTERPLAN FOR JINGZHANG RAILWAY HERITAGE PARK

Beijing Area: 3,3 sqkm

Constructed in 1909 and renovated in 2019, the Beijing-Zhangjiakou (JingZhang) Railway, after linking the two cities for over 100 years, was given a new life and served people from the whole world during the Beijing Olympics. The historic railway site was planned into a park as a kaleidoscope of experiences available to all people. Through deep research and community engagement, planners and designers are confronted with the challenges of preserving the historical context but stimulating the city development along the railway. The design group proposed an idea named "Three Threads". Each thread focuses to solve a particular issue, and they support other ideas to shape a powerful network. With the implementation of "Three Threads", we can revitalise the surrounding regions, breaking the barrier, and introducing sci-tech to people's lives. The project promotes public transit, accessibility, community engagement, as well as static preservation, innovation programming. The JingZhang Railway Park will blend the site's monuments with the contemporary urban environment while presenting a new model for the transformation of public space in the capital city.

LANDSCAPE ARCHITECT FIRM:
CADG

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Yifan YANG, Lixiu SHI, Nan LI, Wujun GUAN

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Wenbin Zhao

COMPANY ORGANISATION:
China Architecture Design & Research Group CADG

PHU LHONG MASTER PLANNING FOR WILDFIRE MANAGEMENT

Chaiyaphum Area: 8,000,000 sqm

Phu Lhong Master Planning for Wildfire Management project is a collaboration of many parties, including a landscape architect, engineer, volunteer, nearby villager, and Bhikkhu, all with the same goals, reducing damage from yearly wildfire events that cause incalculable damage to the site and restoring biodiversity to this site. The design is based on what was already there, whether it's a road, a weir, or anything else done by the locals with local wisdom. The role of a landscape architect is about site planning on a macro scale, which is relative to the surrounding environment, site constraints, and provide the natural detail designs in critical areas.

Designing with a touchless concept is the main concept. Adding fewer decorative things means it will be low-budget, low-maintenance low-complexity, while also being high-efficiency and self-sustaining.

The goal is not to have no wildfires in the area anymore; wildfires are still necessary for the growth of some plants, particularly those in the deciduous forest community, but they should be controlled in certain areas.

We've learned how to design by a win-win solution with nature, and how to manage the site making it resilient in a world where humans, nature, and disaster live harmoniously.

LANDSCAPE ARCHITECT FIRM:
Arsomsilp

LA S NAMES WHO WORKED ON THE PROJECT:
Landscape Studio by Arsomsilp

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Photocredit : Vichai Naphua, Contributors : Wat Pa Mahawan, Thai Rak Pa Foundation

COMPANY ORGANISATION:
Arsomsilp Community and Environmental Architect Co.,Ltd.

B.GRIMM SMART VILLAGE

Sa Kaeo Area: 62,400 sqm

Leading one of the underdeveloped sectors. Returning to a place of pride. In the hearts and daily lives of the villagers of B. Grimm. This is the gold of the project.

Its design process started from the community by the need of the community and for the community to develop a model of a smart village in five parts including: humans, community, social, environment, and economy to make the locals proud in their community. Also, the project will connect community space in B.Grimm village, temple, and school, creating a learning place about Thai local wisdom in Thai society, starting from the smallest but most important - a house and the community. The design represents the existing potential of the community which has an interested locals' wisdom. After connecting community spaces (village-temple-school) the local can use them for various community activities. In the end, they can have a sustainable environment, sustainable community, and sustainable life on their own.

CLIENT:
B.Grimm Power PCL

LANDSCAPE ARCHITECT FIRM:
Arsomsilp

LA S NAMES WHO WORKED ON THE PROJECT:
Landscape Studio by Arsomsilp

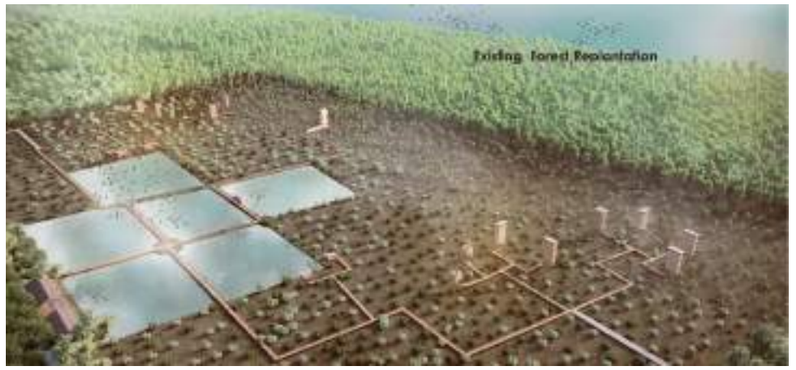
ARCHITECT FIRM:
Arsomsilp

COMPANY ORGANISATION:
Arsomsilp Community and Environmental Architect Co.,Ltd.

SUSTAINABLE MANGROVE MANAGEMENT AND COASTAL ECOSYSTEM DEVELOPMENT IN PHETCHABURI PROVINCE

Phetchaburi Area: 553,600 sqm

At present, the Ban Laem area is changing. The ecosystem services in this area have decreased due to the decline of the coastal ecological area caused by agriculture and negative environmental effects, such as the increase of salt farming, agriculture in the past, and water pollution from communities. As a result, this project in Phetchaburi Province aims to restore the coastal ecosystem in Ban Laem, a valuable natural resource, promoting this district to become a model of sustainable community living and mangrove forest restoration over 40 kilometres along the shoreline.



LANDSCAPE ARCHITECT FIRM:
Arsomsilp

LA S NAMES WHO WORKED ON THE PROJECT:
Landscape Studio by Arsomsilp

ARCHITECT FIRM:
Arsomsilp

COMPANY ORGANISATION:
Arsomsilp Community and Environmental Architect Co.,Ltd.

PROTECTION AND ECOLOGICAL DEVELOPMENT OF ENDANGERED BO CULTURE — LANDSCAPE DESIGN OF CENTRAL EXPERIENCE AREA OF BOWANG MOUNTAIN SCENIC SPOT IN YIBIN

Yibin Area: 140,460 sqm

The project is in Bowang Mountain Scenic spot, Yibin City. For past development in the area, the attention has always been heavily focused on its natural assets with less consideration on user experience. This has created an issue which the zone becomes relatively homogenous and difficult on an operation. The unsafisfactory tourist experience has also become a concern.

Therefore, in response to the country's active participation and support for the international protection of endangered cultural heritage and the Convention Concerning the Protection of the World Cultural and Natural Heritage of UNESCO, "Protecting and Revitalizing Endangered Bo Culture" becomes a priority.

Our project is aimed to enhance the public's sense of identity to Bo culture but also increase protection awareness, and achieve sustainable communication of endangered culture in the way of deeply researching history, condensing the spiritual core and innovating the form of communication. In landscape practice, we carry out ecological development with the goal of "Reducing Carbon Footprint" and supplement service formats in multiple measures of experimental unit, to create a central experience area of Bowang Mountain and rejuvenate the vitality of the scenic spot.

CLIENT:
TXQ Cultural Tourism Investment

LANDSCAPE ARCHITECT FIRM:
L.J.Design Limited

COMPANY ORGANISATION:
L.J.Design Limited

Honourable Mention

HUAIHE RIVER REVITALIZATION — MASTERPLAN FOR HUAIHE RIVER ECO-ECONOMIC BELT IN HUAI'AN, JIANGSU

Huai'an Area: 204,33 sqkm

The ancient Huaihe River, as well known as the Yellow River and the Yangtze River, is the geographical division between the north and south of the country. It is also the hub of internal cultural exchange and integration as Huai'an is the only intersection of Huaihe River, Yellow River and Grand Canal. The Yellow River has forced changing its course into the sea through Huaihe River, which causes a fragile environment, fading culture, and underdeveloped economy along the surrounding area. The issue of restoration and development becomes urgent. In 2020 the government formulated the strategy of building the Huaihe River Eco Economic Belt, aimed at enhancing ecological protection and revitalising Huaihe River culture. The team raised a series of strategies, such as restoring the environment, highlighting the history and developing an eco economy. Through the design, scattered spaces are stitched together, waterfront functions are improved, the river is reconnected with the city. The team devoted themselves to building a dynamic waterfront corridor for the citizens and set a revitalisation example for Huai'an.

LANDSCAPE ARCHITECT FIRM:
CCEDRI

LA S NAMES WHO WORKED ON THE PROJECT:
Yixia Wu, Qing Hao, Jing Zhou, Junyan Han

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Qiumin Qin, Zhili Wang, Yu Tian, Haopeng Pan, Dan Li, Qian Yang, Yimin Cao, Ya Ou, JinZhao

COMPANY ORGANISATION:
China Construction Engineering Design & Research Institute Co., LTD

Honourable Mention

REBIRTH OF THE MYSTERIOUS MIAO VILLAGE — MASTER PLAN FOR RURAL REVITALIZATION OF CHANGTAN VILLAGE IN GUIZHOU PROVINCE

Kaili City Area: 5,81 sqkm

Changtan Village, located in the mountainous area of south-eastern Guizhou, is regarded by the native Miao people as the birthplace of Yang Asha, the Goddess of Beauty. 244 Miao families lived here for generations, leaving seven national intangible cultural heritages, including dragon boat, brocade and ancient Miao songs, and 36 houses that are more than 100 years old. Changtan Village has become a national Miao cultural conservation due to its ancient civilization and heritage significance. However, with rapid urbanisation, many young native people have left for job opportunities. The rural community is about to collapse with a cultural inheritance gap and damaged ancient buildings. Hence, the government launched the program, hoping to boost local economy, culture and community. Based on protection and development, the team presents traditional cultural essence with creative design, develops diversified new forms of business, integrates old and new, traditional culture and modern needs, bringing back more people and attracting new talent. Therefore, the rural communities could be revitalised, meanwhile traditional culture and architecture could be preserved in a more sustainable way.

LANDSCAPE ARCHITECT FIRM:
CCEDRI

LA S NAMES WHO WORKED ON THE PROJECT:
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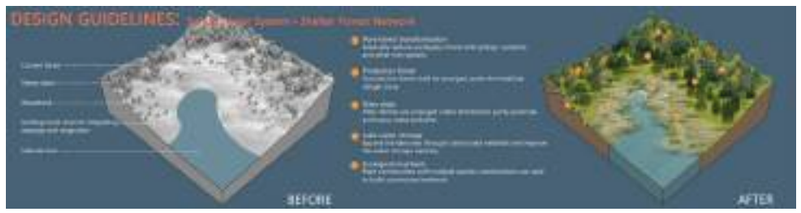
OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
DandanLiang, DanLi, YuTian, SiyingWang, JunyanHan, QianYang, JunjuanJiao, ZhiliWang, JinZhao

COMPANY ORGANISATION:
China Construction Engineering Design&Research Institute Co., LTD

Honourable Mention

BLUE-GREEN INTERWEAVING AND VILLAGE-FOREST BLENDING — THE OPTIMIZATION OF BLUE-GREEN SPATIAL PATTERN OF LONGQUAN MOUNTAIN FOREST PARK

Chengdu m² Area: 1275 sqkm



As the first park city demonstration area, Longquan Mountain is the best demonstration of the development and integration of mountain cities. In the context of global climate change, the project team skillfully used the overall pattern of Longquan Mountain facing the city to solve the hidden dangers of rainwater management in the surrounding urban areas; secondly, the team used the complex and undulating mountainous terrain of Longquan Mountain to show the multiple values of the ecological landscape. Flexibly manage the rich and diverse agricultural and forestry resources of Longquan Mountain to activate the economic potential of forest area construction. On the basis of following the local government's existing land use planning in the Longquan Mountain area, the team completed the optimisation of the blue-green space pattern of the Longquan Mountain Forest Park by sorting out the mountain runoff and building a variety of forest networks, so as to ensure the safety of the mountain and protect the ecology of the mountains and waters, the goal of mutual integration of the economic development of the mountain city, and finally form a future picture scroll of "blue and green interweaving, village and forest blending".

CLIENT:
Chengdu municipal park city CDRI

LANDSCAPE ARCHITECT FIRM:
Beijing Forestry University

LA S NAMES WHO WORKED ON THE PROJECT:
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LANDSCAPE CONTRACTOR:
Chen Mingkun

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Dong Li, Chen Guo, Cheng Siya, Lai Yue, Zhou Liyun, Bai Yu, Huo Rui, Lu Yiyun

COMPANY ORGANISATION:
Beijing Forestry University

Honourable Mention

AN INTEGRATED APPROACH TO ACTIVATE ECOSYSTEM SERVICE FUNCTIONS: SUSTAINABLE LANDSCAPE PLANNING IN CHONGWEN TOWER REGION, XI'AN CITY, SHAANXI PROVINCE

Xi'an m² Area: 7,5 sqkm

The site is located in north Xi'an with flat terrain and canals crossing, which is a key node in Guanzhong Plain. The world irrigation heritage site with a history of 2,268 years, Zhengguo Canal Irrigation System, which increased soil fertility and mitigated flood risk, once ran through here.

However, due to the process of rapid urbanization in surrounding areas, the original ecological environment and hydrological environment of the site have been continuously eroded, resulting in the degradation of ecological service functions, which leads to a series of problems, including the decrease of waterbody, the loss of biodiversity, the degradation of ecological regulating functions, etc.. Landscape planners cooperate with professionals such as environmental engineers, biologists and carbon emission appraisers, organise public participation and seminars, and propose solutions from four perspectives: promote regulating services, strengthen supporting services, increase provisioning services, and enrich cultural services of the ecosystem, in order to maximise the comprehensive value of ecosystem.

LANDSCAPE ARCHITECT FIRM:
Tsinghua Tongheng Institute

LA S NAMES WHO WORKED ON THE PROJECT:
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ARCHITECT FIRM:
Tsinghua Tongheng Institute

CIVIL STRUCTURE ENGINEER:
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QUANTITY SURVEYOR:
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QUANTITY SURVEYOR:
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Chen Mingkun

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
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COMPANY ORGANISATION:
Beijing Tsinghua Tongheng Urban Planning and Design Institute

DESIGN (PHASE III) FOR NORTH COAST OF XIAODAO BAY OF QINGDAO OCEANTEC VALLEY, SHANDONG

Qingdao Area: 110,232 sqm

The project is located on the north shore of Xiaodao Bay in Qingdao Oceantec Valley, with a total area of 110232 square metres, which is a typical coast of Xiawan. The present situation of this region has been troubled by flood and storm surge for a long time. The project explores how ecological shorelines can be built to cope with natural disasters and extreme weather through a variety of measures. Through the establishment of toughness revetment and urban green belt system to ensure site safety. Through the implementation of the restoration of reefs, beach dredging, remediation and restoration of damaged natural shoreline, restore the ecological function of shoreline. By creating a rich activity space to further enhance the participation of citizens, and integrating the local fishing and hunting culture and coastal defense culture into the site, the spiritual resonance has been achieved. Finally, the site will be built into a coastal space with safety and toughness, ecological balance, leisure interaction and cultural diversity.

LANDSCAPE ARCHITECT FIRM:
TONG YUAN DESIGN GROUP CO., LTD.

COMPANY ORGANISATION:
TONG YUAN DESIGN GROUP CO.LTD.

PROJECT ABOUT COMPREHENSIVE CONTROL OF XINFENG RIVER BASIN IN DAXING DISTRICT, BEIJING

Beijing Area: 166,400 sqm

Located in the north of Daxing district of Beijing city with a total basin area of 166,400 square metres. Xinfeng River runs through Daxing and Yizhuang residential clusters, which is an important ecological corridor connecting the sub-centre of Beijing downstream. In 40-50 years, due to extensive production modes, water shortages, rivers in the whole basin gradually dry up and have the black smelly phenomenon, so ecological system is destroyed. The project aims to regenerates water replenishment as main water source, regards water quality up to the standard as an assessment index.

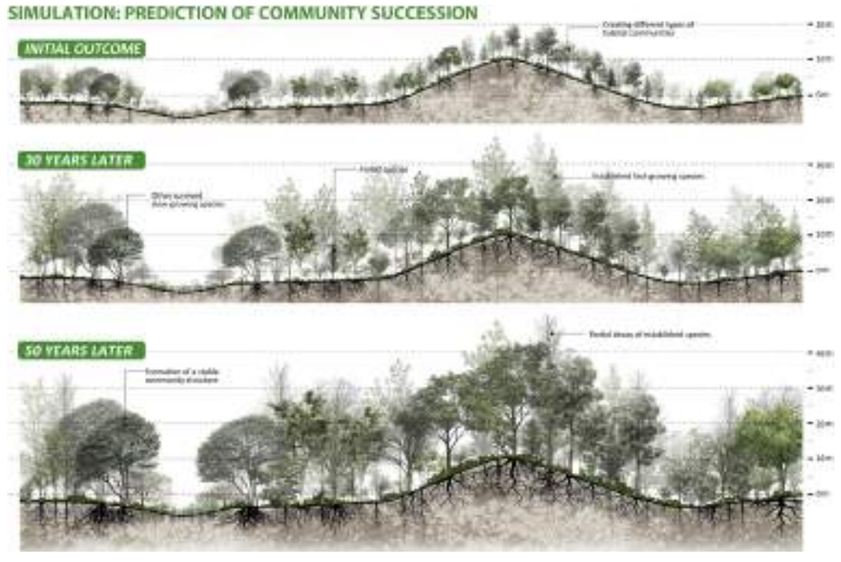
LANDSCAPE ARCHITECT FIRM:
SZLAD

COMPANY ORGANISATION:
Beijing Enterprises Water Group Limited

STUDY ON DIGITAL DESIGN OF NEAR-NATURAL PLANTATION FOREST : A CASE STUDY OF PLANTATION FOREST XIONG'AN COUNTRY PARK – STAGE A

Xiong'an Area: 0,2 sqkm

Along with the remarkable progression of the ecological restoration and carbon storage afforestation, China is also making great efforts on plantation forest. This study intends to reconsider the challenges and problems in the current plantation forest afforestation practice, integrate the Miyawaki method with digital design to optimize the design methodology of plantation forest. We took Laoye Mountain as the investigation site of the natural community, and Xiong'an country park as the research site, to practice the digital design exploration aiming to achieve a near natural plantation forest. Computer algorithm was used to reproduce the community structure and the ran dom spatial distribution. Consequently a near natural plantation forest with key characters of natural communities was built up to achieve a climax community after a long term natural succession.



CLIENT:
Xingtai Forestry Bureau

LANDSCAPE ARCHITECT FIRM:
Beijing Forestry University & BLLA

LA S NAMES WHO WORKED ON THE PROJECT:
Xiao Feng, Yunyuan Li, Jiao Sun, Hualin Bai

ARCHITECT FIRM:
Beijing Forestry University & BLLA

CIVIL STRUCTURE ENGINEER:
Xiaodong Zheng & Chaolin Dong

LANDSCAPE CONTRACTOR:
Xingtai Parks Bureau

LIGHTING DESIGNER:
Tiecheng Fei

BUILDER:
Beijing Tianrun Construction

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
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COMPANY ORGANISATION:
Beijing Forestry Unviersity and BLLA

HISTORY/MEMORY/MICRO RENEWAL — THE GREENING REGENERATION FOR HUTONG IN BEIJING OLD CITY, DONGCHENG DISTRICT

Beijing Area: 41,8 sqkm

Beijing Hutong is the golden name card of Beijing, the thousand-year-old ancient capital, and the epitome of people's life. Dongcheng District is the most representative traditional area of Beijing.

The research investigated 751 hutongs in Dongcheng District. Under the premise of fully protecting the old city style, integrating greening with life and unification of greening construction, greening should be "doing something and not doing something". Greening modules of micro-renewal, micro-scene and micro-happiness were proposed, and co-governance, co-construction and sharing were advocated.

The research fills the overall study blank of hutong greening, guides the environmental improvement of more than 1,000 hutong in Beijing, and creates a favorite space for residents and tourists.

CLIENT:
Dongcheng District Greening Bureau

LANDSCAPE ARCHITECT FIRM:
BEIJING BLDJ LA

LA S NAMES WHO WORKED ON THE PROJECT:
Guo zhumei, Zhang damin, Zhou yezi, Zhao xx

COMPANY ORGANISATION:
Beijing BLDJ Landscape Architecture Institute Co., LTD.

THE AITUTAKI PLAN

Aitutaki Area: 18,05 sqkm Land, 74 sqkm lagoon

This award entry is celebrating the contribution of Landscape Architects to the planning for community and environmental resilience in the fragile environments of the Cook Islands, where wide ranging effects of Climate Change are manifesting.

''Te Papa Tau o Araura'' -The Aitutaki Plan is a much needed first step to address and coordinate development and management issues across all aspects of the islands planning including: land use, reafforestation, movement, open space, waste disposal, water supply, and housing.

Spured on by the challenges of climate change, this single comprehensive and effective long-term strategy for Aitutaki's growth and development has been ambitiously developed to help lead the way for Aitutaki's social, economic, environmental, and cultural well-being.

The Aitutaki Plan sets the strategic direction that will enable the islands communities to work together in a self-sufficient way to protect, manage and develop their environment (both land and water). The community said that they did not want this Plan to be a growth strategy rather a qualitative management tool to not only combat Climate Change but to better develop the quality of the environment and the livelihood of the local people.

CLIENT:
Cook Islands Investment Corporation

LANDSCAPE ARCHITECT FIRM:
Reset Urban Design

LA S NAMES WHO WORKED ON THE PROJECT:
G.Falconer, R.Hearn, E.Fitzpatrick

ARCHITECT FIRM:
Romani Katao

COMPANY ORGANISATION:
Reset Urban Design

GREEN REBIRTH OF URBAN RUINS — RESILIENT CONSTRUCTION OF GREEN INFRASTRUCTURE IN BEIJING YAMENKOU DEMOLITION AREA TO DEAL WITH EXTREME RAINSTORM

Beijing Area: 3,732 sqkm

The extreme weather brought by climate change will put large cities in trouble. At present, the frequent extreme rainstorms and the change of underlying surface in large cities have greatly affected the life of surrounding shanty towns. The project takes yamenkou Shanty demolition area in Shijingshan District, Beijing as an example, to explore the construction methods of human settlements in urban demolition areas to deal with extreme weather. After the demolition of shanty towns in the project area, a large amount of construction waste is left. Under the extreme rainstorm conditions in Beijing, this construction waste has caused a series of problems, such as construction waste pollution, uncontrolled stormwater management, deterioration of ecological space and so on. In order to solve these problems and improve the ecological environment of the site, the project first restores the soil ecological health through the reuse of construction waste and the remediation technology of polluted soil. We then used the establishment of the stormwater management system to enhance the site' s ecological resilience. On this basis, the construction of animal and plant habitat and ecological recreation system will be carried out to create a green open space with green environmental protection, ecological stability, species diversity and rich functions for local residents.

CLIENT:
Beijing People's Government

LANDSCAPE ARCHITECT FIRM:
Beijing Forestry University

LA S NAMES WHO WORKED ON THE PROJECT:
Zhangyunlu, Pengnanlin, Wangyanyinuo

OTHER CONSULTANTS IMPLEMENTORS CONTRIBUTORS:
Qiuchenlan, Zhaniyi, Lihuan, Wangluzi, Liuyantong, Wangkexin, Gaomengxue, Gaojingran

COMPANY ORGANISATION:
Beijing Forestry University

DAREN RIVER SPORTS AND LEISURE PARK OF QINGDAO OCEANTEC VALLEY, SHANDONG

Qingdao Area: 587,800 sqm

The project is located in Shandong Province, and is the core plot of Qingdao Oceantec Valley. It is planned and constructed as a sports and leisure park. Based on stimulating community vitality and urban regional development, the designer established a communication platform for the government, citizens, operators and other stakeholders focusing on the life needs of citizens during the process of the project.

Based on ecology, the project aims to create a native biodiversity site, strives to meet the sports and leisure needs of all ages and plan a reasonable operation mode, so as to form a diversified fashion sport, build a sports and leisure park integrating ecology, industry and life, and shape a new chapter in the development of fashion sports in Qingdao Oceantec Valley.

LANDSCAPE ARCHITECT FIRM:
TONG YUAN DESIGN GROUP CO., LTD.

COMPANY ORGANISATION:
TONG YUAN DESIGN GROUP CO.LTD.

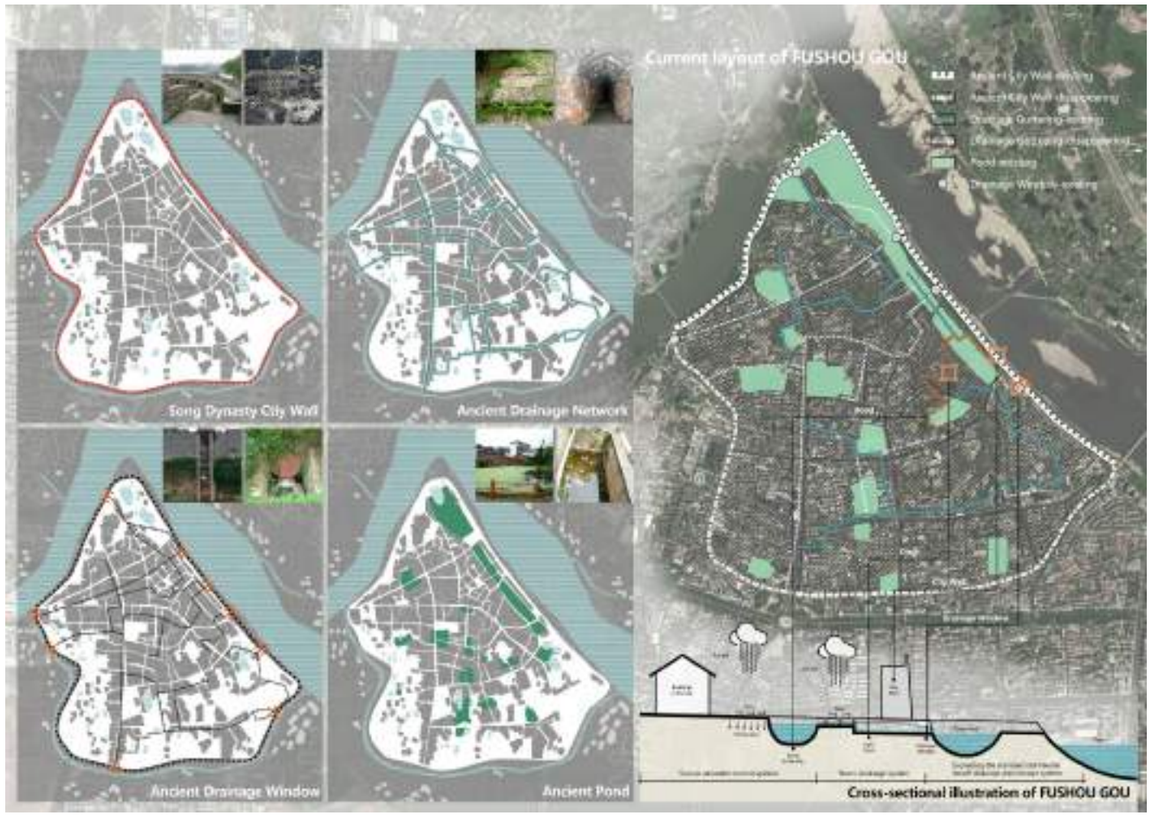
RESTRUCTURING AND REPRODUCTION OF THE ANCIENT RAIN FLOOD MANAGEMENT TECHNICAL HERITAGE

Ganzhou Area: 285 sqkm

This project takes Ganzhou as the research object. It is a hilly waterfront city located in the upper reaches of the Ganjiang River, which is an important tributary of the Yangtze River. The built-up areas are mostly the alluvial plains of rivers, with rainstorms and floods as the leading natural disasters.

The project seeks to apply a resilient development vision and elaborate planning techniques in the overall process of macroscale urban planning. Drawing on the ancient flood control techniques and combined with the advanced concept of modern sponge city construction, we envision an overall resilient spatial development framework from the perspective of the central city. Explore the transformation of ancient flood control experience into a strategy suitable for modern fine rain and flood management and guide the flood drainage to change from artificial regulation to natural succession.

Moreover, we use modern software computing technology to guide the refined design, by simulating the dynamic changes of rainwater runoff, digitally identify the key areas of sponge city construction, and accurately calculate the control objectives of sponge city construction. This project aims to propose a security construction pattern in Ganzhou based on the concept of sponge city, thereby improving urban resilience and sustainability.



LANDSCAPE ARCHITECT FIRM:
CADG

LA S NAMES WHO WORKED ON THE PROJECT:
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COMPANY ORGANISATION:
China Architecture Design & Research Group

ALL HEALTH COMMUNITY - MASTER PLAN OF QINGLONG LAKE COMMUNITY, CHENGDU

Chengdu Area: 1,52 sqkm

The project with a designated area of 1.5 square kilometres is located on the edge of the urban area of Chengdu and adjacent to the largest wetland park in Chengdu – Qinglong Lake. Through the master planning and urban design, the project has generated a future community layout in which the park and the city are infiltrated and coexist harmoniously. It is an all-health community that accomplishes social, biological and environmental health.

Green corridors are used to construct tertiary ventilation corridors for 32,000 residents to promote air circulation and cope with the hot and humid weather in Chengdu. The project laid out a self-sufficient living space, established an autonomous decision-making mechanism and a self-reliant operating system, in order to achieve social health.

For attaining a biologically healthy community, this project planned a water system connected to Qinglong Lake wetland to ensure biodiversity. Besides, for accomplishing the community of environmental health, this project planned a community-level waste and reclaimed water recycling system, so that waste can be dissipated on site and reduce the burden on nature.

Under the traditional urban sprawl and the continuous degradation of ecological environment, the project has pioneered a way to integrate nature and the city.

CLIENT:
Tianfu Greenway Construction Group

LANDSCAPE ARCHITECT FIRM:
THAD

LA S NAMES WHO WORKED ON THE PROJECT:
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THAD

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COMPANY ORGANISATION:
Architectural Design And Research Institute Of Tsinghua University

XICHONG 2040: SEA TURTLES' WAY HOME - STARTING THE ROAD TO SHENZHEN MARINE ECOLOGICAL CIVILIZATION

Shenzhen Area: 18 sqkm

Shenzhen is characterised by high-rise buildings and fast-growing GDP, with mountains, lakes, forests, ancient villages, islands, as well as the most beautiful coastlines.

Xichong and Dapeng Peninsula embrace the most complete ecological resources and the richest species in Shenzhen. As the "heavens with mountains and sea", they have the potential to become marine nature reserves and eco-tourism destinations jointly developed by Shenzhen and Hong Kong. To achieve this goal, strategic plans covering space, time, development, operation and policy are made.

The project aims to achieve the objectives of ecological protection and economic development. On the premise of protecting and restoring ecological environment, the project uses these resources to benefit the local economic development and realise the benign development of mutual dependence and benefits.

From master planning to construction method, the project comprehensively follows the natural principle. Xichong will become a representative nature reserve near the bustling city. Besides, it conceives the vision of Shenzhen and Hong Kong jointly building a national ocean park around Dapeng Bay, to provide new ideas and fields for Shenzhen-Hong Kong cooperation in the future.

CLIENT:
SZDP Planning&Natural Resource Bur.

LANDSCAPE ARCHITECT FIRM:
RJRX

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ARCHITECT FIRM:
X-URBAN ARCHITECTS

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COMPANY ORGANISATION:
RJRX Urban Planning & Design Consultants Co. Ltd., Shenzhen

INHERITANCE AND ACTIVATION OF RICE PAPER CULTURE: LANDSCAPE ORIENTED PLANNING AND DESIGN OF RICE PAPER TOWN IN JINGXIAN, ANHUI

Xuancheng Area: 2,83 sqkm

This plan explores a new model for the inheritance and activation of intangible cultural heritage (rice paper-making craft): the planning and design of characteristic towns under the guidance of landscape architecture. In terms of industry, this plan pays attention to the extension and transformation of the rice paper-making craft to the traditional art of painting and calligraphy, cultural creative industry, and tourism industry, to enrich the life characteristics of the town.

In terms of space, the existing landscape resources related to rice paper production are taken as clues, and Chinese classical landscape painting art is used for reference. The major functional blocks are arranged by relying on streams, farmland, mountains, forests, and valleys, and landscape nodes are created to highlight the landscape features of the town.

CLIENT:
China Rice Paper Co., Ltd.

LANDSCAPE ARCHITECT FIRM:
China Academy of Art, CAALADICO.,Ltd

LA S NAMES WHO WORKED ON THE PROJECT:
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COMPANY ORGANISATION:
China Academy of Art, The Design Institute of Landscape & Architecture CAA CO.,Ltd.

GREEN OUR CITY ACTION PLAN: STRATEGIC JUSTIFICATION FOR REGULATORY REQUIREMENTS FOR SUSTAINABILITY

Melbourne Area: 227,444 sqkm

The City of Melbourne commissioned the team to develop a ground-breaking case for mandating green infrastructure and sustainable design in the city. To do this we addressed the following questions:

- Which standards will enable development to meaningfully contribute to achieving City of Melbourne's sustainability and urban green infrastructure goals?
- Which standards are technically viable (can be built) and commercially feasible (will be built)?
- What are the socio-economic benefits to residents, workers, and visitors of implementing such standards?

The study provides councils, developers, landscape architects and other designers the strategic justification for accelerating urban green infrastructure alongside more familiar sustainable design practices.

The City of Melbourne is proud to support the team in their nomination of IFLA AAPME Awards 2022 – Climate Crisis Design, and to acknowledge their ground-breaking report which provides the strategic justification for introducing sustainability regulations into Melbourne's planning scheme. The report details best-practice environmentally sustainable design and green infrastructure planning standards that underpin the City of Melbourne's Planning Scheme Amendment C376: Sustainable Building Design. This work is an integral part of our response to the climate and biodiversity emergency and helps to supports an accelerated pathway to zero net emissions by 2040.

CLIENT:
City of Melbourne

LANDSCAPE ARCHITECT FIRM:
OCULUS

LA S NAMES WHO WORKED ON THE PROJECT:
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COMPANY ORGANISATION:
OCULUS

JINGZHANG RAILWAY GREEN CORRIDOR PHASE 1

Beijing Area: 168,000 sqm

A multidisciplinary team of urban designers, landscape architects, architects, municipal engineers and traffic consultants undertook the planning and design of the section from Qinghua East Road to the North Fourth Ring Road (Phase 1). After receiving the assignment, the design team took various surveys via field visits, questionnaires, in-depth interviews, PLPS and OPEN data analysis.

CLIENT:
Beijing Haidian MCPNR and MFPB

LANDSCAPE ARCHITECT FIRM:
LAURSTUDIO of Beijing Forestry Univ

LA S NAMES WHO WORKED ON THE PROJECT:
Liu Dongyun, Cui Liu, Wang Xin, Dong Li

CIVIL STRUCTURE ENGINEER:
BMICPD and CUDPDC

COMPANY ORGANISATION:
LAURSTUDIO of Beijing Forestry University

TAMPINES GREENJADE

Singapore Area: 32,100 sqm

Tampines GreenJade is a 321 ha public residential project in Singapore developed from green field site. It comprises 6 residential blocks which house close to 550 dwelling units.

The project seeks to provide meaningful, practical and performance based landscape design. It is achieved through close collaboration between various disciplines including engineers, architects and landscape architects to integrate landscape features with the building form and infrastructure and optimise its performance. Detailed site analysis was conducted to understand the environmental factors, circulation and key view vistas to inform design decisions and interventions.

Residential blocks are arranged in 2 clusters around community lawns and facilities which are linked to the central Community Spine. It further connects to the community space in the adjacent public housing development.

The lush greenery from the Park Connector Network (along Bedok Reservoir Road) is brought into the development through terraced building form, culminating with an extensive roof garden on top of the multi-storey carpark. The landscape design aims to provide various ecosystem services including stormwater management, habitat provision and recreational opportunities.

The roof garden forms the key landscape space. The height difference enables surface runoff to be captured, flown and cleansed through swales, vertical water wall, fall and rain gardens. The cleaned water is stored for irrigation and general cleaning purpose. The water cycle narrative is an important design generator and provided the design language of cascading riverine lines Ideas for habitat provision including habitat walls and spontaneous vegetation areas with minimal maintenance are piloted in this project.

Future residents are able to relax at the community living room overlooking the generously spaced community lawns and plaza, catching glimpse of ongoing events or they can take a brisk walk at the 200 m track and have a quick workout along the way using the outdoor gyms. They can take a stroll to the the roof garden to spend some quality time with their children exploring the canopy walk, spotting butterflies at the garden or running wild at the playground. After a rain event, residents can enjoy a therapeutic moment, seeing water flowing through the swales, falling through the cascades and filling up the rain garden.

LANDSCAPE ARCHITECT FIRM:
Building & Research Institute

LA S NAMES WHO WORKED ON THE PROJECT:
Audrey Xu Jingyi

COMPANY ORGANISATION:
Building & Research Institute

QUEEN'S ARC

Singapore Area: 23,000 sqm

Queen's Arc is a dense high-rise public housing project, comprising 3 blocks of flats up to 39 storeys and a multi-storey carpark integrated with commercial facilities and a childcare centre. It is nestled within Queenstown Health District.

The project is designed with health wellness strategies and initiatives in mind, enriching the 3 aspects of wellness physical, mental and social. The proposal strives to create a conducive living environment with homes that can support active and healthy lifestyles of the residents. It leverages on its close proximity to nature (Railway Corridor, parks and Park Connector Network) sports and recreation facilities (Queenstown sports complex), and health facilities (Alexandra Hospital complex), providing offerings that serve the diverse needs of the residents.

Active community health trails are crafted on the ground floor within the project to the different residential demographics, each with its unique outdoor wellness experience The integrated MSCP block serves as an Integrated Community Wellness Hub, where the roof decks not only cater to the wellness needs of the residents (such as fitness circuit training and therapeutic garden), but are also future proofed for adaptive conversion to other wellness programmes when the need arises This is possible in collaboration with various stakeholders such as the hospital and government agencies, so as to achieve the aims of Health Wellness living in this project.

LANDSCAPE ARCHITECT FIRM:
Building & Research Institute

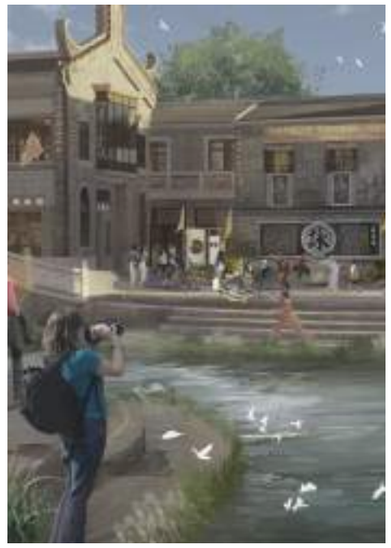
LA S NAMES WHO WORKED ON THE PROJECT:
Chua Yong Kiat

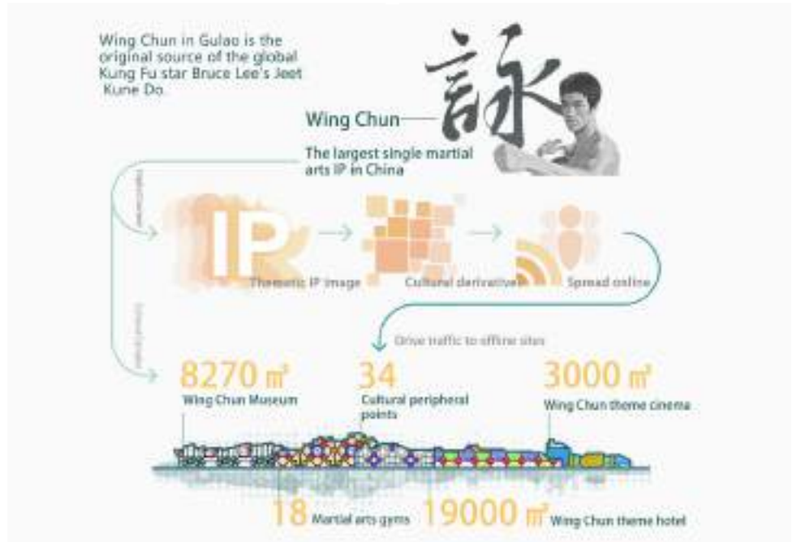
COMPANY ORGANISATION:
Building & Research Institute

CULTURAL-ECOLOGICAL RESTORATION OF HISTORICAL GULAO WATER TOWN

Jiangmen Area: 3,000,000 sqm

Gulao Water Town is located in Jiangmen City, Guangdong Province, with a superior geographical location. It is a water town with a history of more than 700 years. However, in the process of urbanization in the past, as villagers' income was overly dependent on fishery and animal husbandry, the environment was seriously destroyed. At the same time, the long and rich cultural heritage was difficult to retain and inherit, resulting in lagging development and serious population loss. Through on-site and online survey, the ecological value, cultural value and social benefit were analysed, and the corresponding planning strategies were put forward. The plan is to adopt three strategies of restoring the wilderness, reshaping the human settlements and creating artistic atmosphere of life, and make Gulao a demonstration of a new cultural tourism town.





CLIENT:
Jiangmen OCT Investment Ltd.

LANDSCAPE ARCHITECT FIRM:
RHS Design, Chongqing University

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QUANTITY SURVEYOR:
RHS Design

QUANTITY SURVEYOR:
RHS Design

LANDSCAPE CONTRACTOR:
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LIGHTING DESIGNER:
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BUILDER:
China Construction Fifth Bureau

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COMPANY ORGANISATION:
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BAOSHAN STEEL PARK PLAN

Shanghai Area: 1,02 sqkm

Baoshan Steel Park Plan, which will be executed over the next 35 years, sets a new model for the sustainable transformation of a large post-industrial site. By restoring the site's environmental value, preserving its unique culture, and creating a main urban axis, the plan proposes an adaptive landscape which will transform an enclosed steel production place into a growing green artery, preserving its memory while embracing the future.

The spatial structure of the park builds upon the site fabric and historical manufacturing processes of the Baoshan Steel plant. Diverse programs in the park, integrated with the industrial features and made universally accessible, will complement planned uses in adjacent developments as well as the existing communities in the district, offering equal opportunities to all groups of people.

The plan aims to become a full spectrum demonstration of sustainable planning and design, exemplifying the project's environmental, social, and economic values. The phasing of the park's implementation couples the progress of eco-restoration and the development in the district, supporting an efficient and effective regeneration process. As a new model for urban post-industrial site regeneration, Baoshan Steel Park is leading the way.

LANDSCAPE ARCHITECT FIRM:
Sasaki

COMPANY ORGANISATION:
Sasaki

CLIMATE-FRIENDLY ECOTOURISM PLANNING FOR THREE-RIVER-SOURCE NATIONAL PARK AND ITS ANGSAI AREA

Qinghai Area: 123,000 sqkm

The Three-River-Source region of the Tibetan Plateau is one of the world's most threatened regions by climate change. We explore ways to achieve climate-friendly ecotourism in this region through a macro to meso to micro analysis. At the macroscale level, we analyse the future change of temperature, rainfall, carbon storage, and habitat under different circumstances.

At the mesoscale level, we use technical methods such as value evaluation, climate sensitivity analysis, and ROS (Recreation Opportunity Spectrum) evaluation to identify experience routes that integrate biodiversity and landscape value. At the microscale level, we integrate the traditional Tibetan wisdom of life to adjust the artificial environment climate naturally and construct ecotourism based on the principles of low eco-climate impact and high economic benefits.

We analyse three scales to achieve moderate ecotourism, based on maintaining the fragile ecosystem of the Three-River-Source area and improving climate resilience, conveying the concept of climate friendliness, and displaying the unique traditional culture and local natural resources. Also, we take biodiversity, landscape value, economic sustainability into consideration, carrying out systematic ecotourism planning.

CLIENT:
Sanjiangyuan NationalPark, Zaduo Cty

LANDSCAPE ARCHITECT FIRM:
Tsinghua Tongheng Institute, THUNP

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COMPANY ORGANISATION:
Beijing Tsinghua Tongheng Urban Planning and Design Institute

Honourable Mention

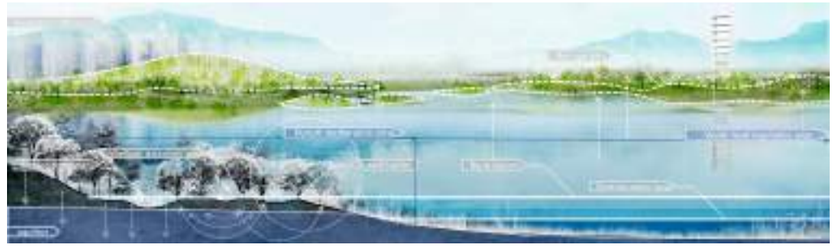
LANDSCAPE PLANNING OF BEIHU LAKE AREA IN HANDAN CITY

Handan Area: 6,92 sqkm

As an important fulcrum for the development of modern service industry in Handan City, Hebei Province, the Northern Industrial New Town is the transportation gateway for the northward extension of the old town. The site, Beihu Lake, which used to be called Huangliangmeng flood detention area is located in the New Town.

In view of the great values of Beihu Lake in four aspects, namely, water safety, urban ecology, urban economic development and historical cultural heritage, the landscape design concerns the protection against extreme climates and natural disasters, it needs to infiltrate more ecological resilience considerations, and shape the appearance of humanistic aura.

Problem oriented, the design fully harnesses the fundamental characteristics of the Beihu Lake area. The demand for comprehensive and diversified urban development requires us to put ecological and humanistic design practice in the first place, and emphasise the potential requirements for safety elasticity, ecological diversity, urban vitality and local folk custom revival. A landscape design scheme with time efficiency and achievability is put forward herein, fully considering the bottom line of flood control safety, in an effort to build a landscape belt around the lake with an eye to mutually beneficial development integrating ecological, economic, cultural and social benefits.



CLIENT:
Qujiang Culture Investment co., LTD

LANDSCAPE ARCHITECT FIRM:
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COMPANY ORGANISATION:
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ACKNOWLEDGEMENT

Australian Institute of Landscape Architects (AILA)

The Australian Institute of Landscape Architects (AILA) champions quality design for public open spaces, stronger communities and greater environmental stewardship.

With the support of members, AILA anticipates and develops a leading position on issues of concern in landscape architecture. Alongside government and allied professions, AILA works to improve the design, planning and management of the natural and built environment.

AILA represents just under 4,000 (and growing) members throughout Australia and overseas. As a not-for-profit professional association, AILA's role is to serve the mutual interests of our members and the wider profession.

Harvard Graduate School of Design

The Harvard Graduate School of Design (GSD) is the graduate school of design at Harvard University, a private research university in Cambridge, Massachusetts. It offers master's and doctoral programs in architecture, landscape architecture, urban planning, urban design, real estate, design engineering, and design studies.

Chinese Society of Landscape Architecture (CHSLA)

CHSLA is a national non-profit, science popularising, national mass organisation composed of members from practice, education, research and management in the field of landscape architecture.

CHSLA aims to foster preservation of national natural, cultural and historical resources, build eco-friendly and beautiful living environment, inherit and develop the excellent tradition of Chinese landscape architecture, absorb the advanced science, technology of all the world, establish and improve a scientific system of LA with Chinese characteristics, raise the level of the science and technology of LA, promote the training of professionals, and work for people's needs of fine natural environment

Chinese Taiwan Landscape Architects Society

The Society was established in 1984 and is the earliest professional academic community in landscape gardening in Tapei City. To study the landscape education, planning, design, construction and related knowledge, and to enhance the academic standards of domestic landscape gardening.

The current work plans of the Institute include: publication of the gardening quarterly and related books; organising landscape seminars and related activities; collecting and promoting domestic and foreign landscape materials, establishing databases; handling related exhibitions, exhibitions or professional workshops; promote the national examination and customisation of the landscape architects.

Singapore University of Technology and Design

The Singapore University of Technology and Design is a public autonomous university in Singapore. SUTD is established to advance knowledge and nurture technically grounded leaders and innovators to serve societal needs.

The Hong Kong Institute of Landscape Architects (HKILA)

HKILA was founded in April 1988. The organisation of the landscape architectural profession was first established with the founding of the Hong Kong Landscape Group operating as a chapter of the Landscape Institute of United Kingdom. In the interests of maintaining and promoting local standards and services, the HKILA was inaugurated in 1988 as the professional body for those engaged in the practice of landscape architecture in Hong Kong, with the main aim of promoting the highest standard in the arts and sciences of landscape architecture and management throughout Hong Kong. A mutual professional recognition with Australia Institute of Landscape Architects and New Zealand Institute of Landscape Architects was established in the next year. The legal status of the HKILA was confirmed and objectives of the HKILA were defined with the enactment of the Hong Kong Institute of Landscape Architects Incorporation Ordinance in 1996.

International Federation of Landscape Architects Africa (IFLA Africa)

In October 2013, IFLA Africa was re-launched in Nigeria with a singular mandate to lay a substructure for the growth of the landscape architecture profession in Africa. We are conscious of the vast space to cover; very few landscape architects across the length and breadth of the continent; continuous degradation of productive land resources compounded by unstable governance; and recent erratic climatic phenomena. We situate our action plans on education to increase the number of landscape architects in the region; and the number of National Associations. There are now six National Associations: in Kenya, Malawi, Morocco, Nigeria, South Africa and Tunisia. Ethiopia registration with IFLA is in progress. We have the final draft of IFLA Africa Constitution ready to enhance the achievement of other action plans as a legal entity. We recently completed the draft African Landscape Convention as developmental treaty that accommodates people-driven solutions to pressing regional environmental issues ona local scale, including flood risk management; land productive landscapes, food security, and inclusive urbanism.

International Federation of Landscape Architects Americas Region (IFLA Americas Region)

IFLA Americas Region is integrated by the countries of the American Continent, where the most diverse landscapes can be found as well as a great diversity of cultures and heritage, from Alaska to the Patagonia, through the National Parks, the Pacific and Caribbean, the Amazonas River and the continuous high mountain chain linking the continent from the North with the Rocky Mountains to the South with the Andes Mountains. America's Region gathers 19 association members, from which Canada is an IFLA Founding Member. It became an IFLA Member in 1952 and since 1962 – starting with Venezuela - the different countries had been affiliating to the Federation. Landscape architecture has had a presence in our continent since Frederick Law Olmsted referred to it as a profession and founded the program. Since then, the profession has been spreading around the region and it is developing and going further in the different countries of North, Central and South America.

International Federation of Landscape Architects Asia-Pacific Region (IFLA APR)

The Asia Pacific Region is a part of the world that has been shaped by maritime journeys, vibrant cultural landscapes and economic innovation and is home to a diverse tapestry of landscape architecture traditions. International Federation of Landscape Architects (IFLA) Asia-Pacific region is part of the larger network of IFLA with regions from Africa, Americas, Asia-Pacific, Middle East and Europe.

IFLA Asia Pacific Region is currently made up of member associations spread across 14 countries representing a diverse array of cultures. The cultural landscapes of the region hold at their core the history of our profession. The richness, diversity and sensitivity of contemporary landscape designs throughout this region are testament to the extensive history and strong cultural stories and traditions that shape us.

Please visit us at www.iflaapr.org to find out more.

IFLA Europe - the European Region of International Federation of Landscape Architects

IFLA Europe - the European Region of International Federation of Landscape Architects - is a not-for-profit organisation that represents, supports and promotes the profession of Landscape Architecture across Europe recognising excellence in educational courses and promoting best practice operations in all member countries.

We have 34 National Associations of landscape architecture as members representing over 18.000 landscape architects across Europe.

Our holistic vision demands we contribute to international discourse, shaping and disseminating European initiatives, facilitating the exchange of information, whilst promoting excellence in professional practice, education and research.

International Federation of Landscape Architects Middle East (IFLA Middle East)

As an emerging profession in the Middle East, landscape architects continue to search for ecologically and culturally rooted practices that can inspire and guide development of their profession. In the Middle East, a hotspot of growing socio-economic transition and environmental degradation, landscapes have undergone massive changes resulting from an interplay of both natural and socio-economic driving forces such as climate change, drought, migration, immigration, political struggles, and wars. As a result, the health and resilience of landscapes, and consequently people's livelihood, have been seriously threatened by lots of crises. In the midst of such changes, our profession of landscape architecture is called upon to contribute towards safeguarding the viability of the environment and towards developing and maintaining a human-built environment in cities, towns and villages. IFLA ME stands ready to strive towards a positive future! We believe that we can play a crucial role in the future, on a broad basis of aesthetic, social, economic and ecological expertise.

Indian Society of Landscape Architects (ISOLA)

Indian Society of Landscape Architects (ISOLA), a professional body of landscape architects, was established in May, 2003. It is registered under the Indian Society's Act, 1860, (sec 21, registration number no. 9557) and Bombay Public Trust Act, 1950 (sec 29- registration no. A 9417).

The society has over 360 members from different states of the country and some from across the world. The society is at the forefront in creating global awareness about the fast emerging profession of landscape architecture and promoting and enhancing professional excellence among its members in India.

ISOLA is a member of the International Federation of Landscape Architects (IFLA).

Korean Institute of Landscape Architecture (KILA)

The Korean Institute of Landscape Architecture, established on December 29, 1972, is the leading academic society in Korea, leading the balanced and sustainable development of the country through education, research, policy, and technology development in the landscape sector. Since landscape architecture started late than other technical fields in Korea, we have been working for almost 20 years to secure professional independence. KILA was established to lay the ground for exertion. The society publishes journals and journals as academic-related projects and actively promotes academic presentations. It also plays a role as a bridge for landscapers to acquire technical information necessary for academic information exchange and practice through international exchange. General meetings and academic paper presentations are held on a regular basis to provide members with a forum for academic presentations and to promote friendship among members. In addition to publishing the journal six times a year, we actively participate in academic activities such as academic conferences, landscape design camps, landscaping ceremony and symposiums, and international landscape experts meetings in Korea, China, and Japan.

Sri Lanka Institute of Landscape Architect (SLILA)

Sri Lanka Institute of Landscape Architect (SLILA) was established on 24th July 2009 under the act no.33 of 2009 which was published in the gazette notification of 12th June 2009. The ceremonial inauguration was held under the patronage of Hon.Dinesh Gunawardena (Minister of Urban Development and Sacred Area Development) who was instrumental in establishing SLILA, on 13th August 2009 at Diyawanna Lake, Waters Edge, Battaramulla amidst a distinguished gathering of professionals and well-wishers.

The main objective of the institute as embodied in the act, are (a) to develop the profession of landscape architecture in Sri Lanka to internationally accepted standards; (b) and to provide leadership and guidance to the profession to fulfill the much desired need of a professional in the field of sustainable development in the country.

At present only the University of Moratuwa conducts a postgraduate course.

Temasek Polytechnic (TP)

Temasek Polytechnic (TP) is a post-secondary education institution and statutory board under the purview of the Ministry of Education in Singapore.

The Institute for Landscape Architecture in South Africa (ILASA)

The Institute for Landscape Architecture in South Africa (ILASA) is a voluntary organisation registered with the South African Council for the Landscape Architectural Profession. The Institute for Landscape Architecture in South Africa has three regional bodies, one in the Western Cape (ILASA Cape), one in KZN (ILASA KZN) and one in Gauteng (ILASA Gauteng), that represent members countrywide. ILASA is mandated to grow and promote the profession and concept of landscape architecture so as to create demand for this specialist service both in the public and private sector.

Jomo Kenyatta University of Agriculture and Technology (JKUAT) and Architectural Association of Kenya, Landscape Architects Chapter (LAAK)

Architectural Association of Kenya, Landscape Architects Chapter (LAAK)

Established in 1967, the Architectural Association of Kenya (AAK) is Kenya's leading Association for professionals in the built and natural environment in Kenya incorporating Architects, Quantity Surveyors, Town Planners, Engineers, Landscape Architects and Environmental Design Consultants and Construction Project Managers. The Association is registered under the Societies Act and brings together professionals from the Private Sector, Public Sector and Academia. The Association also acts as a link between professionals and stakeholders in the construction industry: Including policy makers, manufacturers, real estate developers and financial institutions.

Jomo Kenyatta University of Agriculture and Technology (JKUAT)

Jomo Kenyatta University of Agriculture and Technology (JKUAT) is a public university that is situated in Juja, 36 kilometres northeast of Nairobi. It offers courses in Technology, Engineering, Science, Commerce, Management and Building sciences. The university has a strong research interest in the areas of biotechnology and engineering. JKUAT is a Department of Landscape Architecture, Juja Kenya. The program is duly accredited by International Federation of Landscape Architects (IFLA) and recognized in Kenya by LAAK and the Board of Registration of Architects and Quantity Surveyors (BORAQs).

CONTRIBUTOR ACKNOWLEDGEMENT

Amarizni Mosyaftiani

AMARIZNI MOSYAFTIANI is part of IFLA APR Young Landscape Architects Alliance pioneer. She is a founder and landscape architect at Rimbun Landscape. She has actively helped some regional governments in Indonesia as a project leader and principal landscape architect in several ecosystem restoration masterplan works, ecotourism projects and urban forests enhancement. Her background in ecology and landscape architecture, also her related experiences, was recognised by the Society for Ecological Restoration to become a Certified Ecological Restoration Practitioner-in-Training. This international recognition validated her passionate work as a landscape architect to contribute addressing climate change in today's world.