

An aerial photograph of a city landscape, featuring a river flowing through the center. Several large, modern buildings with unique, angular designs are prominent, surrounded by lush greenery and smaller residential structures. The image is overlaid with a dark, semi-transparent green filter.

高銘傑 Kao Ming-Chieh

Portfolio 2006-2024

Landscape Design / Urban Design / Public Art



Ming-Chieh, Kao

Jacky

Jacky is a prominent Landscape Design Director with over 18 years of experience in America and Asia. He specializes in designing public spaces, residential landscapes, commercial projects, and innovative business parks.

His role encompasses both the artistic and technical aspects of landscape design, with a focus on major public redevelopment initiatives that transform undeveloped land into vibrant spaces. Jacky's strong communication skills enable him to effectively coordinate with clients and foster collaboration.

Education

2004-2006 Master of Landscape Arch., Harvard University GSD
2001 Student exchange program ENSAPVS, Paris, France.
1996-2001 Bachelor of Architecture CYCU, Taiwan Taoyuan

Work Experience

2001-2002 Interior Designer/JJPan Arch & Partner Horizon Design
2002-2004 Taipei City Hall, Civic Department
2006-2018 Asso. Director / AECOM (US, China, Taiwan, Hongkong)
2018-2019 Design Director/ USDP (Chongqing, Singapore)
2019-2021 Partner / Widescape (Chongqing)
2021-Till Now Business Owner / SMD (Taipei)

Teach Experience

2008 Qinhua University Design Criticts, Beijing
2018 Xiamen University Design Criticts, Xiamen
2019 SouthEast University Landscape Speech, Chongqing
2021 CYCU, Design Principal Speech, Interior Dept., Taiwan
2021 CYCU, City Observation Speech, Landscape Dept., Taiwan
2022-Till Now CYCU Landscape Architecture Dept, Associate Prof.

Project Experience

My works mainly on United State, China and Taiwan, and receive recognition from many international institutions. The type of work including: waterfront landscape, urban park, residential, mixed used, resort, zoo, streetscape, street furniture, mine reclamation, forest restoration, public art, urban design, interior design golf design, river restoration, master plan community, urban revitalization, business park, historical architecture, and military planning.

Awards

Landscape:

2007 EGB-OC Genius design award second place
2011 IFLA National landscape architecture award
2013 UK Landscape Institute Large scale public landscape
2014 HK AIA Urban Design Award
2014 US AIA Urban Design Award
2015 China landscape design award second
2017 IFLA Large scale public landscape award
2018 IFLA Ecology preservation and habitat restoration award
2018 IFLA Large scale public landscape award

Interior:

2014 TID Taiwan Interior design award- furniture
2015 Red Dot design award: design communication
2015 K design award: commercial space design
2015 Golden Pin: residential design award winner
2015 TDA Design award winner
2015 IDA Design award: Silver
2016 IF Design award
2017 A' Design: Activity and event design: Gold
2017 International Lighting Design Award
2017 SIDA Singapore Honorable Mention
2018 AIA Design Award: Human care award
2018 ADA Asian Design Award
2018 APDCIDA Professional interior Design Award
2018 Architecture Master Prize
2019 E Award: Interior Design
2020 Muse Award: Residential Silver
2020 The SIT furniture Design Award
2021 The Architecture Master Prize/ winner

Language

Fluent in Chinese and English

Ming-Chieh, Kao

Jacky

Involved in all project stages, he ensures seamless execution from conception to completion, earning a reputation for exceptional results. Since 2006, he has worked with AECOM's regional offices in Irvine, Beijing, Taipei, Chongqing, and Chengdu, enriching his understanding of diverse cultural contexts. He has also collaborated with the Singapore-based Urban Solutions and Design Partnership and partnered with Chongqing Base Widescape.

Currently based in Taipei, Jacky leads projects that enhance the built environment, creating sustainable landscapes that resonate with communities. His passion for landscape design drives him to innovate and excel in every project.

Key Project

Landscape:

Wenying Lake Landscape Design, Datong, China
S9 Park Landscapae Design, Taiyuan, China
Jingyang Lake Landscapae Design: Taiyuan, China
Xinglong Lake Landscape Design: Chengdu, China
TianFu Central Park: Chengdu, China
YujiaPu Waterfront Design: Tiajing, China
Bell Drum Towner Commercial District, Taiyuan, China
City Zoo, Datong, China
Culture Center Public Realm, Datong, China
Haitang River Landscapae, Sanya, China
Totung River Landscape, Sanya, China
Chongming island Design Competition, Shanghai, China
Mine Reclamation, Panzhua, Sichuang
Beibei Waterfront Landscape Design, Chongqing China
Yantai Streetscape Design, Yantai, China
Dahan River Landscape Design, Taipei, Taiwan
Joy City Mall Landscape, Chengdu, China
Longfor Yuanchu, Residential Landscape Chengdu, China
Garden City Residential Park design, Chengdu, China
Hujianyuan Residential Design, Tianjing, China
Guanyaxuan Residential Design, Tianjing, China
Deitsaidao Residential Design, Tianjing, China
Datong Commercial Landscape: Tianjing, China
One Penha Hill Residential Design, Macau, China
Phenix Hotel Landscape Design, Taizhou, China
Wanda Commercial Street Landscape Design, Wuhan China
Children theme Park, Xian, China
Mangrove Resort and waterpark, Sanya China
Global Trade Center Office landscape, Beijing, China
Tongliang Walking Street Landscape, Chongqing, China

Urban Design:

Irvine Mixed Used Business Park: Irvine Company, USA
Comox Sage Planning: Vancouver, Canada
Bellmont Master Plan Community: Texas, USA
Ventana Urban Design: Lewis Corporate, USA
Camp Pendleton Military Planning: SOCA, USA
Keolalani, Master Plan Community: Hawaii, USA
Verrado, Master Plan Community, Arizona, USA
Hunter Ranch, Master Plan Community, CA, USA
Tradition: Master Plan Community, Texas, USA
San Benito El Rancho, DMB Associates, Inc. CA, USA
Mulei Tourist Planning, Xinjian, China

Architecture Design:

Nike+Apple home: Taichung, Taiwan
No 81 Commercial Building, Taipei Taiwan
Surfer Home: Ilan, Taiwan

Interior:

Residential : Interface, Taipei, Taiwan
Residential : Gorgeous Stare, Taipei, Taiwan
Residential : My secrete garden, Taipei, Taiwan
Residential : House on the mountain: Taipei, Taiwan
Residential : Sunshine life style: Taipei, Taiwan
Residential : Meet the elegant: Taoyuan, Taiwan
Office: Coworking Space Design: Sanya China
Exhibitor: Green Light Forest: Forest Ecology Exhibition Hall: Chongqing China
Commercial : Pure Bar: Wuhan, China

Furniture:

Magic Cube: Taipei, Taiwan
A Chair: Taipei Taiwan
Smart Chair and Street Furniture: Chongqing, China

天津萬科寧河售樓處景觀設計 TianJing Vanke NingHe Sales Office

天津, 中國
TIANJING, CHINA

Public Art / Landscape Design / Urban Design

















成都龍湖源著住宅 Longfor YuanZhu Residential

四川, 中國
SICHUAN, CHINA

Public Art / Landscape Design / Urban Design











重慶龍湖九里晴川住宅 Longfor Jiuliqingchuan Residential

重慶, 中國
CHONGQING, CHINA

Public Art / Landscape Design / Urban Design







重慶龍湖九里晴川住宅
Longfor Jiuliqingchuan Residential

重慶, 中國
CHONGQING, CHINA

Public Art / Landscape Design / Urban Design











疊彩道售樓處景觀設計 Diecaidao Sales Office Landscape

天津, 中國
TIANJIN, CHINA

Public Art / Landscape Design / Urban Design











成都蔚藍卡迪亞花園城 La Catier Garden City

四川, 中國
SICHUAN, CHINA

Public Art / Landscape Design / Urban Design















塘沽胡家園住宅 TangGu HuJiaYuan Residential

天津, 中國
TIANJIN, CHINA

Public Art / Landscape Design / Urban Design





萬科華苑大通綜合體 Vanke HuaYuan Daton Mixed

天津, 中國
TIANJIN, CHINA

Public Art / Landscape Design / Urban Design









龍水湖度假區兒童公園場

Children's Park of Longshui Lake Resort

重慶, 中國
CHONGQING, CHINA

Public Art / Landscape Design / Urban Design









成都大悅城景觀 ChengDu Joy City Landscape

四川, 中國
SICHUAN, CHINA

Public Art / Landscape Design / Urban Design











環球貿易中心景觀 Global Trade Center Landscape

北京, 中國
BEIJING, CHINA

Public Art / Landscape Design / Urban Design











三亞灣紅樹林酒店 Sanya Mangrove Resort

海南, 中國
HAINAN, CHINA

Public Art / Landscape Design / Urban Design







萬科觀雅軒住宅 Vanke Metropolitan Residential

天津, 中國
TIANJIN, CHINA

Public Art / Landscape Design / Urban Design



龍湖兒童遊戲場 Longfor Children Playground

重慶, 中國
CHONGQING, CHINA

Public Art / Landscape Design / Urban Design



成都中航大世界售楼处 ChengDu ChungHan Sales Office

四川, 中国
SICHUAN, CHINA

Public Art / Landscape Design / Urban Design







重慶康田·瀾山樾
Chongqing Kangtian Lanshanyue

重慶, 中國
CHONGQING, CHINA

Public Art / Landscape Design / Urban Design











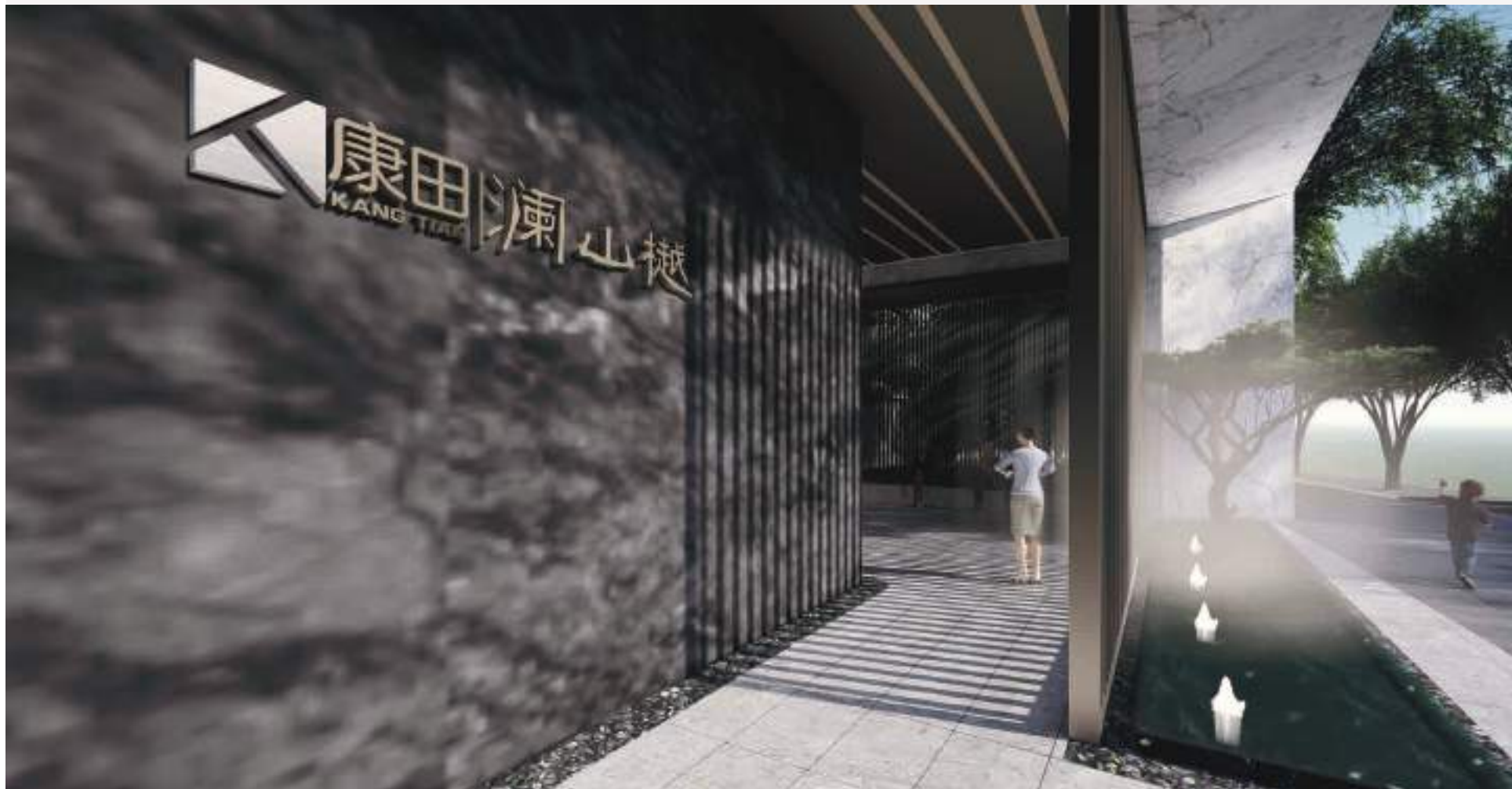
重慶康田·瀾山樾
Chongqing Kangtian Lanshanyue

重慶, 中國
CHONGQING, CHINA

Public Art / Landscape Design / Urban Design











重慶康田·宸樾
Chongqing Kangtian Chenyue

重慶, 中國
CHONGQING, CHINA

Public Art / Landscape Design / Urban Design











中交·中央公園住宅 Zhongjiao Central Park

重慶, 中國
CHONGQING, CHINA

Public Art / Landscape Design / Urban Design











銅梁十字步行街景觀 TongLiang Pedestrian Street Landscape

重慶, 中國
CHONGQING, CHINA

Public Art / Landscape Design / Urban Design









銅梁十字步行街景觀 TongLiang Pedestrian Street Landscape

重慶, 中國 CHONGQING, CHINA





台州鳳凰國賓館景觀 Taizhou Phenix Resort Landscape

浙江, 中國
ZHEJIANG, CHINA

Public Art / Landscape Design / Urban Design







德清朱金寺康養小鎮
Deqing ZhuJinSi Health Town

浙江, 中國
ZHEJIANG, CHINA









重慶兩江新區禮嘉智慧體驗園 Lijia Wisdom Experience Park

重慶, 中國
CHONGQING, CHINA

Public Art / Landscape Design / Urban Design











禮嘉智慧體驗園 • 湖畔裡數字體驗中心 Lijia Wisdom Experience Park

重慶, 中國
CHONGQING, CHINA

Public Art / Landscape Design / Urban Design





廈門山水步道系統景觀 Xiamen Pedestrian Walkway

福建, 中國
FUJIAN, CHINA









重慶兩江協同創新區 Liangjiang Cooperative Innovation Zone

重慶, 中國
CHONGQING, CHINA

Public Art / Landscape Design / Urban Design











大同文瀾湖景观 Datong Wengying Lake Landscape

大同, 中國
DATONG, CHINA

Public Art / Landscape Design / Urban Design

2013 UK Landscape Institute Large scale public landscape
2014 HK AIA Urban Design Award
2014 US AIA Urban Design Award
2015 China landscape design award second
2017 IFLA Large scale public landscape award
2018 IFLA Ecology preservation and habitat restoration award
2018 IFLA Large scale public landscape award





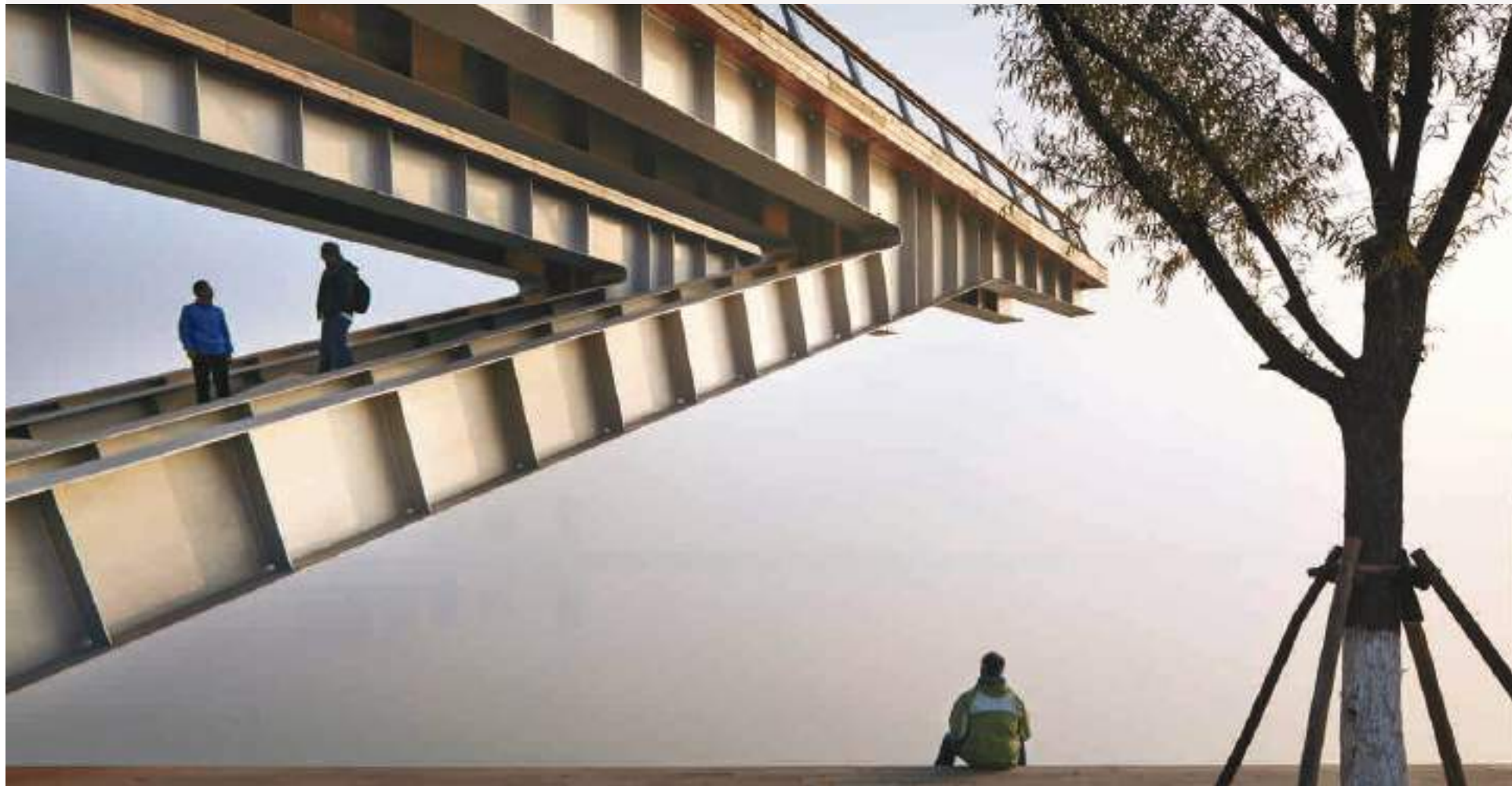
























太原長風商務區 S9 公園 Taiyuan ChangFeng S9 Park

太原，中國
TAIYUAN, CHINA

Public Art / Landscape Design / Urban Design

第八屆 IFLA 國際景觀建築師協會優勝獎

The 8th IFLA PPR Award for Landscape Architecture Merit Award

















興隆湖濱水景觀設計 XingLong Lake Waterfront Landscape

成都, 中國
CHENGDU, CHINA





















北碚濱水景觀設計 Beibei Waterfront Landscape

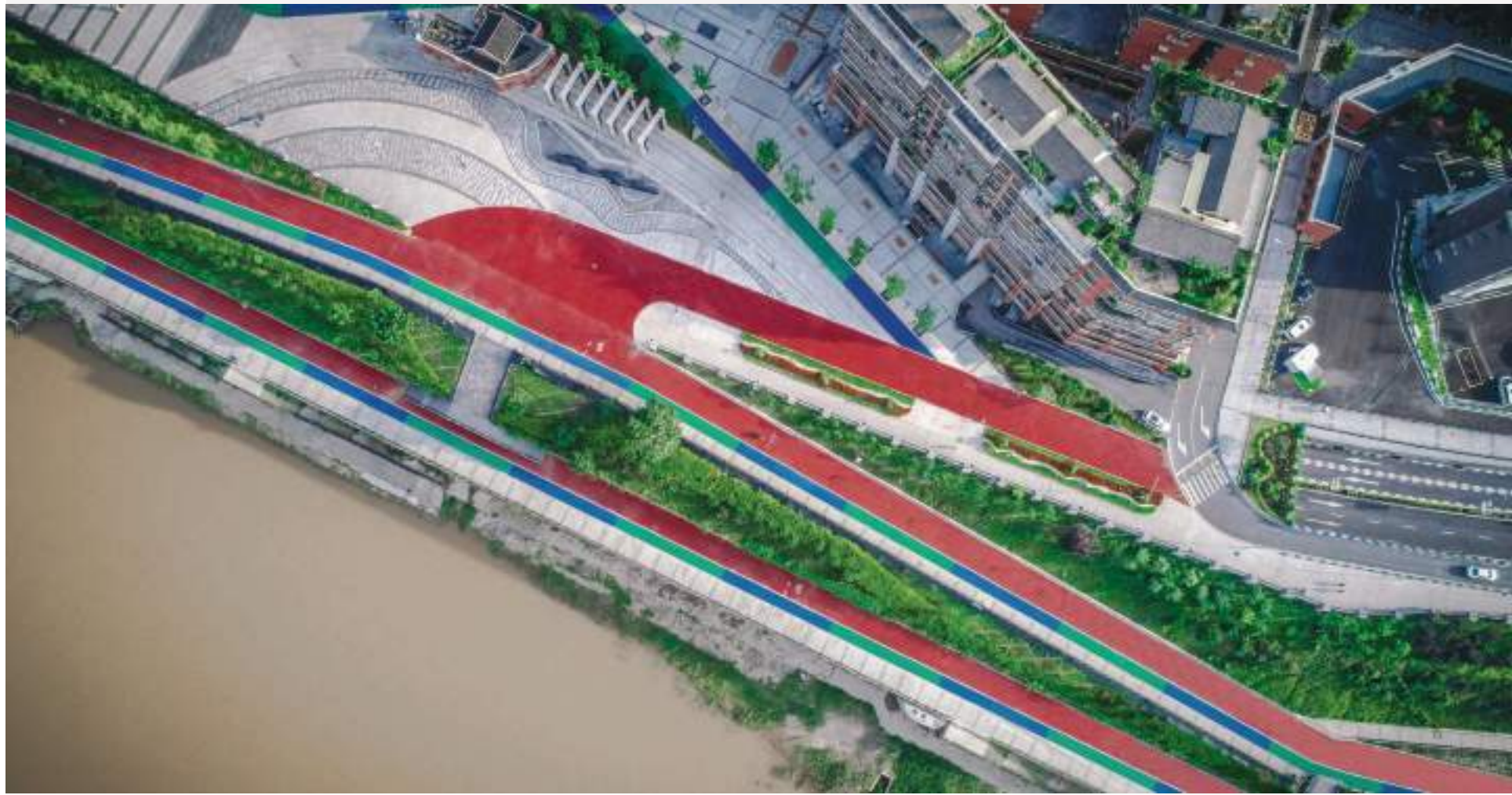
重慶, 中國
CHONGQING, CHINA

Public Art / Landscape Design / Urban Design















重慶嘉陵江濱江景觀帶設計 JiaLingJia Waterfront Park Landscape

重慶, 中國
CHONGQING, CHINA

Public Art / Landscape Design / Urban Design



2018 IFLA 国际景观建筑师协会优胜奖









台州東部新區月湖景觀 Taizhou East District Moon Lake

浙江, 中國
ZHEJIANG, CHINA

Public Art / Landscape Design / Urban Design



台州東部新區月湖景觀 Taizhou East District Moon Lake

浙江, 中國 ZHEJIANG, CHINA



台州東部新區月湖景觀 Taizhou East District Moon Lake

浙江, 中國 ZHEJIANG, CHINA





台州東部新區月湖景觀 Taizhou East District Moon Lake

浙江, 中國 ZHEJIANG, CHINA



天府中央公園景觀設計 TianFu Central Park Landscape

成都, 中國
CHENGDU, CHINA

Public Art / Landscape Design / Urban Design













崇明島環島景觀大道 ChongMing Island Main Boulevard

上海, 中國
SHANGHAI, CHINA

Public Art / Landscape Design / Urban Design





在向湾发展 格局 之下，
崇明以**强势生态资源**为依托成为
湾区的**国际生态绿核**

成就 **大上海湾区** 的关键一环

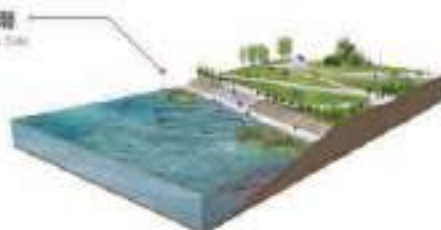
崇明岛有资格成为我国面向世界的国际交往
主窗框窗口与景观绿核节点

Chongming Bay will transform and encourage new
urban landscape of Yangtze Delta. Chongming, center of this
bay area will perform as a Green Core for the surrounding
delta.

平均低潮
Average Low Tide



平均高潮
Average High Tide



历史高潮
Historical High Tide



百年一遇
Standard Year Tide





崇明之脉
Green Vein of Chongming



重慶巴南公園景觀設計 Chongqing Banan Park Landscape

重慶, 中國
CHONGQING, CHINA

Public Art / Landscape Design / Urban Design











煙臺道路景觀與苗圃提升設計

Yantai Road Landscape and nursery improvement design

Public Art / Landscape Design / Urban Design

山東, 中國
SHANDONG, CHINA











中山濕地公園
Zhongshan Wetland Park

廣東, 中國
GUANGDONG, CHINA

"蠶山仙踪"

——追尋中山人的香山故里

一个自然生态/城市文化/科普教育/旅游观光/娱乐餐饮
主题湿地公园























廈門西岸濱水景觀設計 Xiameng West Coast Landscape

福建, 中國
FUJIANG, CHINA

























大同動物園景觀 Datong Zoo

山西, 中國
SHANXI, CHINA







煙臺開發新區濱海景觀 YanTai Ocean Front Landscape

山東，中國
SANDONG, CHINA



























成都高新區銀湖公園 Chengdu YingHu Park

四川, 中國
SICHUAN, CHINA



成都高新區銀湖公園 Chengdu YingHu Park

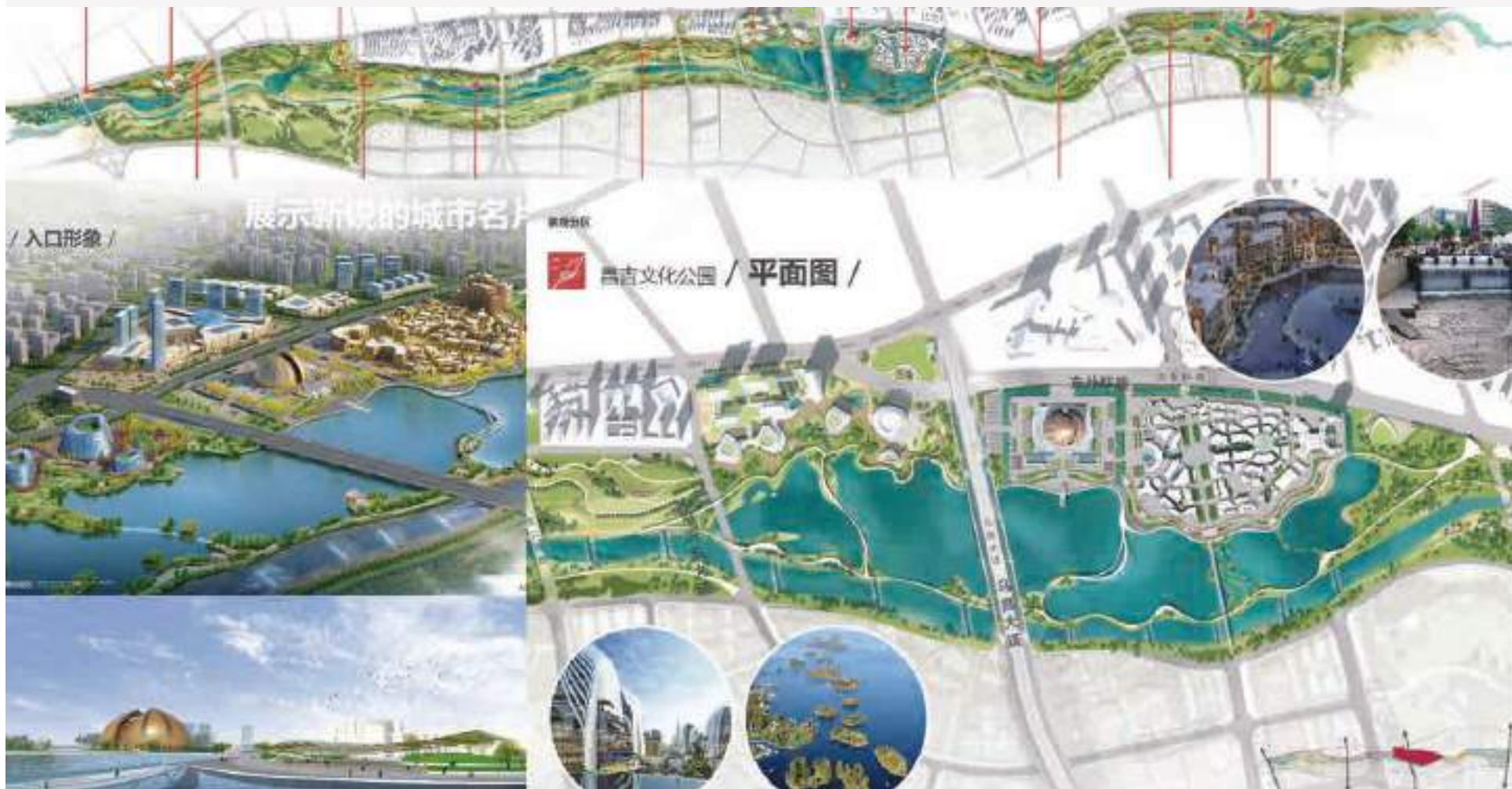
四川, 中國 SICHUAN, CHINA



頭屯河景觀廊道設計 TouTung River Landscape Design

新疆, 中國
SHINGJIANG, CHINA



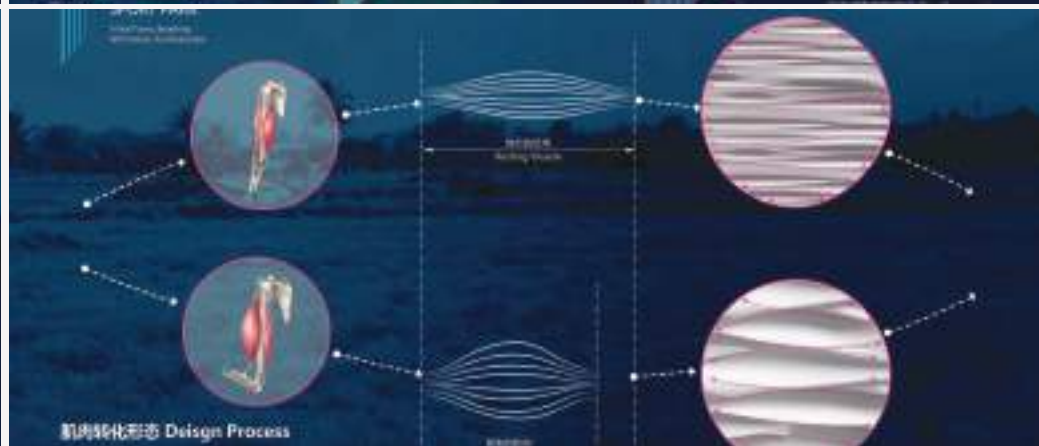
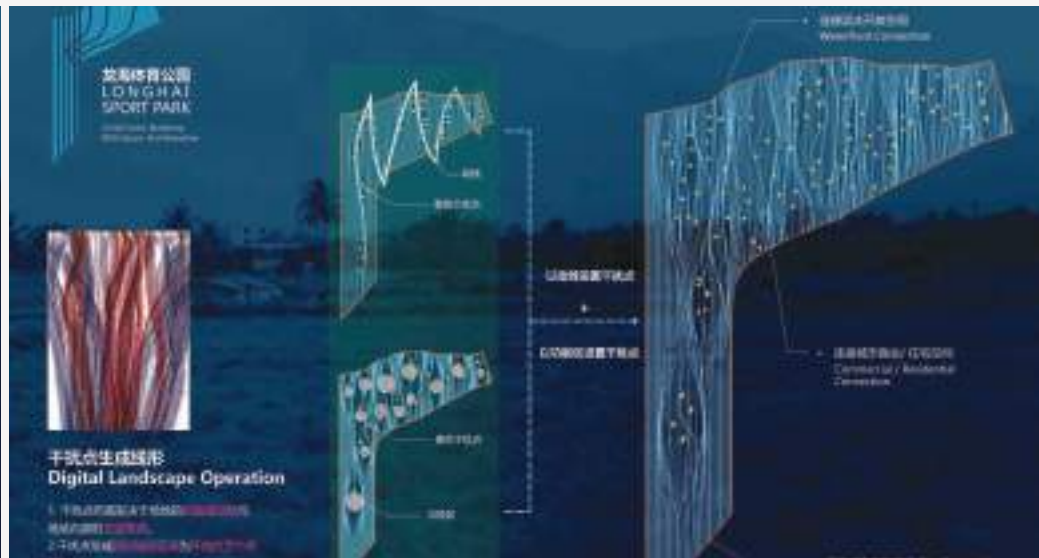




三亞龍海運動公園 Sanya LongHai Sports Park

海南, 中國
HAINAN, CHINA













攀之花尖山礦山撫育生態公園 Panzhihua Jianshan Mine Restoration

四川, 中國
SICHUAN, CHINA



- ① Entrance Plaza
- ② Visitor Center
- ③ Agro-Ecological Area
- ④ Public Service Area
- ⑤ Magnetic Ladder
- ⑥ Three-Dimensional Agriculture
- ⑦ Mine Museum
- ⑧ Magnetic Field Experience
- ⑨ Mountains Playground
- ⑩ Rain Garden
- ⑪ Visitor Platform



THIRD-FRONT MOVEMENT

/ CULTURAL HERITAGE /

In **1964**

, the Vanadium Titanium Magnetite was founded in the area, and Panzhihua City soon became the important metal resource center during the Third-Front Movement (1964-1980).

Panzhihua is the largest open excavated Magnetite mine in Western China, so called the **"STEEL BARN"**

Recently, the economics of Magnetite mine industry in China has stalled and many industrial cities like Panzhihua are seeking alternatives opportunities for themselves.

It is a moment of State owned enterprise and private company to cooperate and looking for economically sound and ecologically feasible solution to **BRING THE MINE BACK TO ITS CITY**

CHALLENGES AND OBJECTIVES

2017

90% Of the rain occurred from June to October, and most of the heavy precipitation (15-50mm) happened in small areas. Dewatering mud-rock flow caused lots of economic losses and also posed threats to heavy sedimentation to the downstream three gulch reservoir.

01 GEOLOGICAL SAFETY CAUSED BY HEAVY RAIN CONCENTRATION:

The site is an important mountain-to-river corridor for 50 endangered species. However, the entire site lacks ecological stability, so it is important to incorporate insights from the relation between biodiversity and stability of ecosystem functioning.

05 LACK OF BIODIVERSITY:

Consecutive 213 days of drought from 2008 to 2010 with the highest temperature of 38 °C (100.4 °F) - 40 °C (104 °F) made the agricultural economy lose up to 405 million dollars. Meanwhile, occasional mountain fires caused by foehn wind made the restoration even more difficult.

04 PROLONGED DROUGHT AND HIGH TEMPERATURES:

Mining cause vanadium contamination in the air, water and soil in Panzhuhua area. In order to reclaim the mine and bring it back to the city, the remediation strategy needed to be integrate into the restoration process.

02 CONTAMINATED SOIL WITH HEAVY METAL POLLUTION:

The concentration of precipitation and the prolonged drought conditions will turn the restoration into a more challenging process. Plant selections need to consider its durability including native, drought tolerant and low maintenance, according to particular soil and hydrologic conditions.

03 PLANT DURABILITY:

FUTURE THREATEN



GEO-DISASTER



POLLUTION



RAINSTORM



DROUGHT

LANDSLIDE

leads to more geo-disaster

MINING AREA

big challenge to restoration

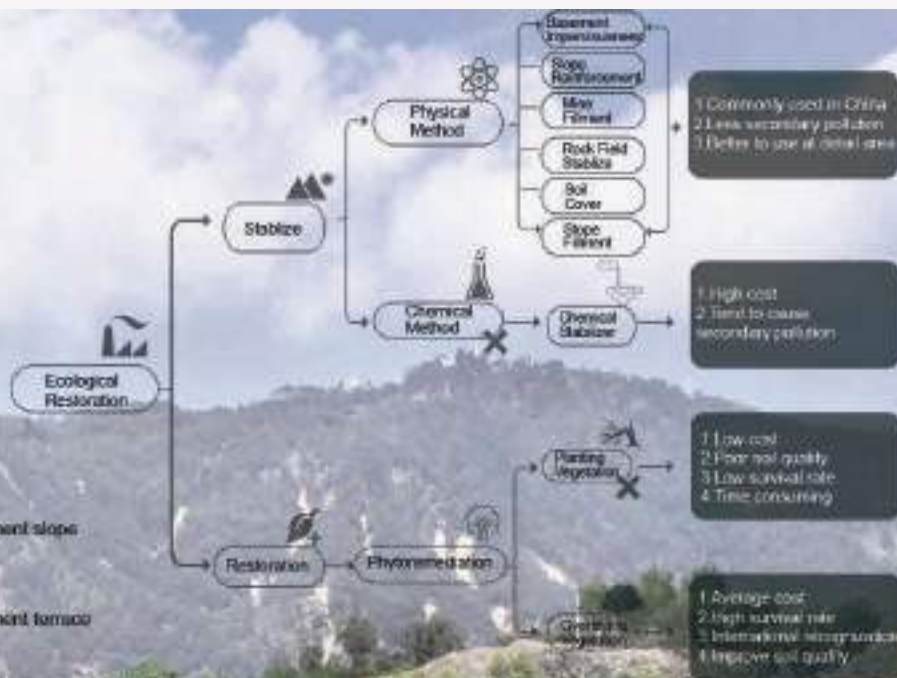
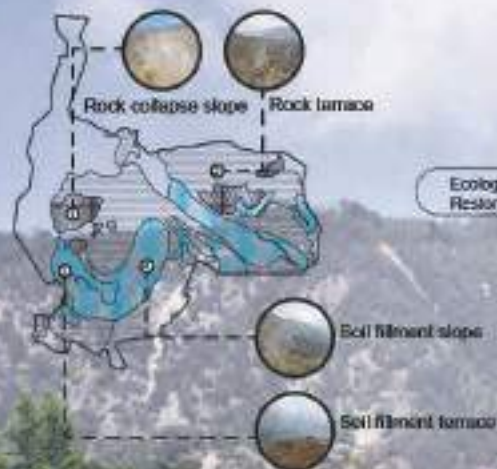
MINING LANDFILL

【CLIMATE CHANGE】

IN **2050**

more **EXTREAME WEATHER**

GEO-SAFE



② Keep the current transport terrace transform it into a landscape road

③ Planting local vegetation at the gentle slope area

**SLOPE
STABLIZE**
**SLOPE CUTTING
SOIL REINFORCED**

WATER CONSERVATION

Rain water

Preparation
April - October 2011
November - December 2011

Surface Runoff

Surface surface of
the mine mountain is
used to infiltrate and
absorb rain water.

Filter & Collect

Hydrophytes is planted
in this area to filtrate
and collect rain water
flowing from the surface
surface.

Landscape Lake

Rain water is collected
in the lake area to keep
its landscape effect.

Extremely Drought

Dry and hot climate

Drought made land wasted; vegetation
is hard to recover; a huge amount of
bare rock appeared.

213 2012:
DAYS
DROUGHT

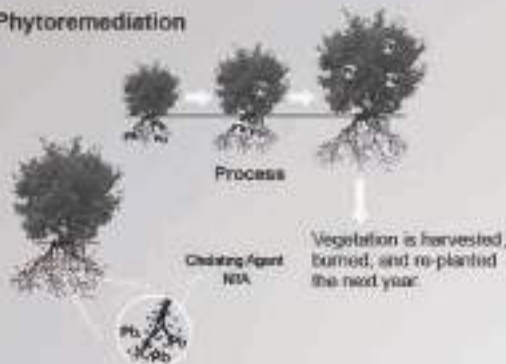
22074.75 Acres Crops
162 Million Yuan



PHYTOREMEDIATION



Phytoremediation



Black Wattle

Used to absorb the heavy metal pollution deep down into the soil.

Crotalaria

The pollution of Cu is efficiently absorbed by its root system.

Elsholtzia

Strong resilience property for the pollution of Cu.

Asiatic Butterfly

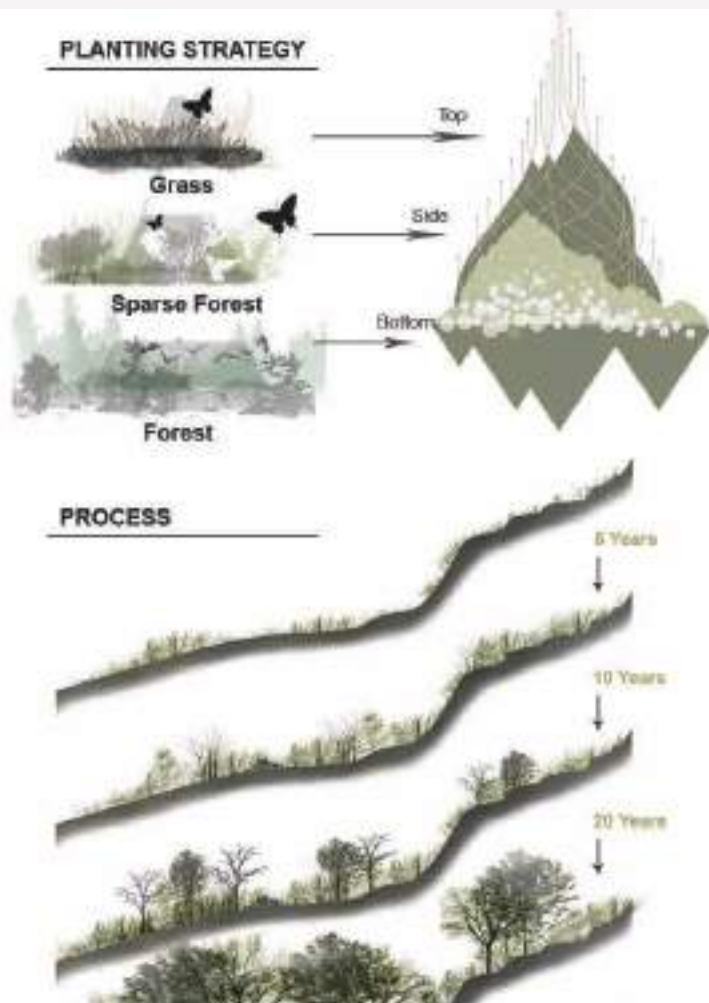
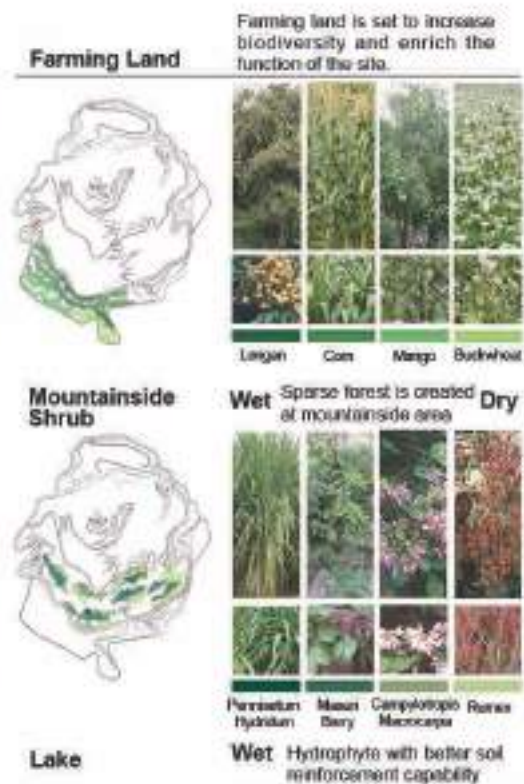
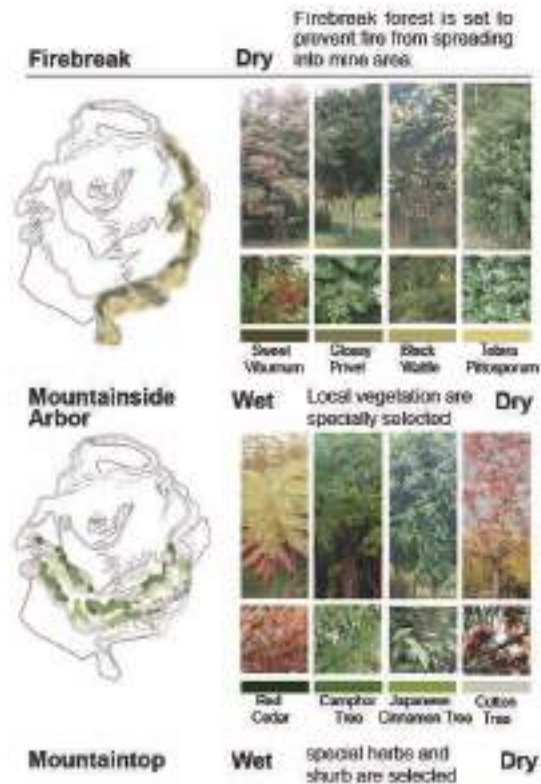
Strong resilience and transportation ability for the pollution of Pb, Cd.

HEAVY METAL
40 years mining

POLLUTION

The Jianshan mining area is strongly polluted by the heavy metal of Cu, Pb and Cd. And the soil content of Cu, Cd has exceeded the third soil quality level (400, 1.0mg/kg) by 1.02

BIODIVERSITY



TRAIL NETWORK

4433M **FIRST LEVEL**
DRIVEWAY + LOOP OF MINE PARK

4366M **SECOND LEVEL**
DRIVEWAY + SIDEWALK + TOUR ROUTE

9854M **THIRD LEVEL**
SIDEWALK + MOUNTAINEERING PLANK PATH















THANKS
FOR
WATCHING

高銘傑 Kao Ming-Chieh

Portfolio 2006-2024

Landscape Design / Urban Design / Public Art