

2022 IFLA Student Design Competition

The Student Design Competition of the 58th IFLA World Congress 2022 was sponsored by Group HAN Associate, and organized by the Korean Institute of Landscape Architecture.

The Student Design Competition of the 58th IFLA World Congress 2022, aimed to show the best achievement of students from landscape architecture around the world.

The 2022 competition was divided into three categories: 1. Analysis and Planning 2. Landscape Design 3. Applied Research.

Theme - RE:PUBLIC LANDSCAPE

The world has witnessed rapid changes with the spread of the pandemic, technological revolution, and political conflicts. We the professionals now have the mission to provide healthy, happy, and beautiful vision for 2022. For this, we will gather to discuss issues of landscape with the scale ranging from local to global.

Through this event, we will reclaim public leadership in landscape architecture as we re:visit professional and academic achievements to date, re:shape the earth through emerging discourse and technologies, re:vive everyday lives to healthier and more vibrant days, and finally re:connect to nature.

Winners - Analysis and planning category

GROUP HAN Prize for Analysis and Planning

Jin Yunsha, Yan Jie, Yue Yingxue, Xu Jiankang (Xi'an University of Architecture and Technology)

Chernobyl: From the Silence of Abandonment to the Bustle of Restoration

CHERNOBYL

FROM THE SILENCE OF ABANDONMENT TO THE BUSTLE OF RESTORATION

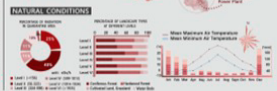


DESCRIPTION OF DESIGN

On April 26, 1986, the reactor in the Chernobyl Nuclear Power Plant exploded. As a result, the surrounding green spaces, the surrounding population, and the health of the environment were severely affected. The design aims to reduce radioactive pollution and restore the environment. From the contamination process of radioactive substances in natural areas and plants, we understand the importance of ecological restoration. The design uses a combination of green, water, and landscape architecture to restore the environment. It is a comprehensive strategy of restoring from the perspective of pollution when the restoration area is adopted, as for time, planning and design for the next 50 years. It is designed to establish a nuclear power plant management strategy on the basis of a healthy, beautiful and safe natural environment. We hope that the design can be used as the basis for future design to restore and improve the place where the noise of the past but the recent Russian Ukrainian war has made Chernobyl today in another way.

8 TONS OF STRONG RADIATION MATERIAL POLLUTED 1650 km² OF LAND
 From 1986 to 2019, a total of 8,000 tons of strong radiation material were released into the atmosphere.
146,000 residents moved out by 2,294 settlements were polluted
2.5 MILLION people affected by various diseases and more than 90,000 died
 Of the 160,000 people who participated in the cleanup, 7,000 also died

LOCATION



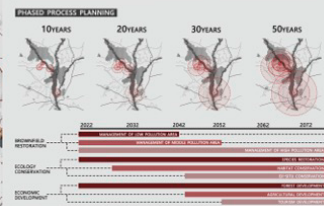
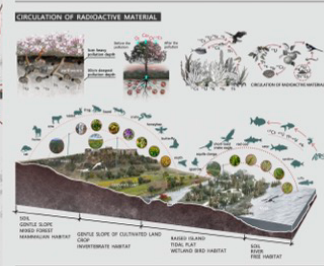
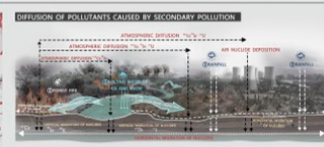
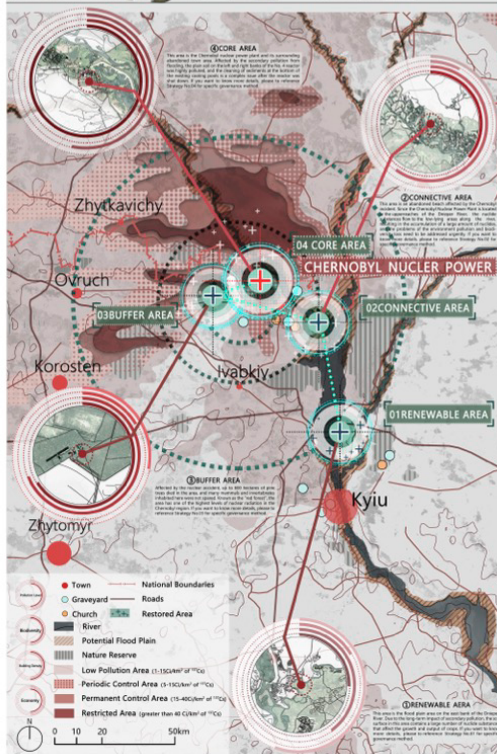
NUCLEAR CONTAMINATION RANGE



SITE SITUATION



PROBLEMS



GROUP HAN Commendation Award for Analysis and Planning

Ou Xiaoyang, Lyu Yingshuo, Ai Xin, Liu Yang (Beijing Forestry University)

THE MEGALOPARK: A Network to Re-Celebrate Nature's Contributions to People in Megalopolis

IFLA 2022 ORGANIZING COMMITTEE Special Award for Analysis and Planning

Shuai Jiang, Tianwei Liao, Hanyu Hu, Tengfei Yu (Chongqing University)

From Conflict to Fusion: Strategies for the Construction of Symbiotic Systems of Agriculture, Bees and Forests in Campeche State

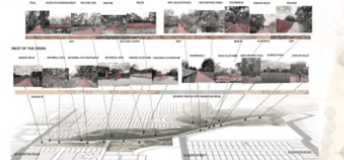
Winners - Landscape Design Category

GROUP HAN Prize for Landscape Design

Liu Junhang(RMIT University), Zhang Shihao(Chongqing University), Tan Junhe(RMIT University)
A Bond of Nature Connection

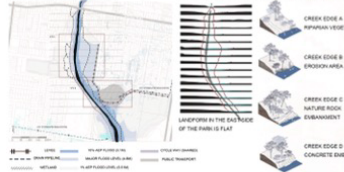
A BOND OF NATURAL CONNECTION

MERRI CREEK PARK USER DEFINED DESIGN



PROBLEM STATEMENT

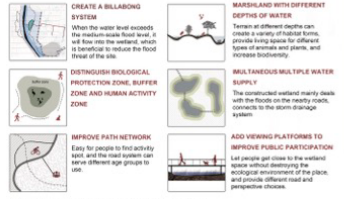
FUTURE FLOOD CHALLENGE



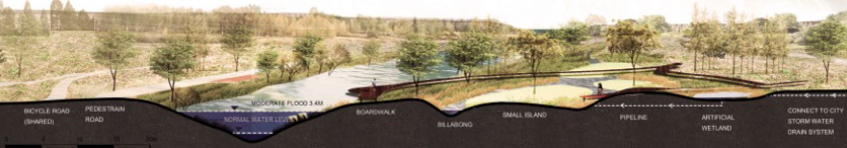
SOIL EROSION CAUSE BY HUMAN INTERVENTION



DESIGN STRATEGIES



SECTION A-A2 WETAND SYSTEM



GROUP HAN Commendation Award for Landscape Design

Chen Puling, Liu Li, Wang Xinyu, Yan Guirong, Zhang Rui (Hainan University)
Landfill Harmonic

IFLA 2022 ORGANIZING COMMITTEE Special Award for Landscape Design

Mingke Zhu(Nanjing Tech University), Rui Ye(Anhui Jianzhu University)
Bee Connected

Winners - Applied Research Category

GROUP HAN Prize for Applied Research

Yiran Zhuge, Ruiqi Pan, Jiaying Li, Zhuojun Jiang, Mengyu Shi (Beijing Forestry University, China)
Carbon-Friendly Action: Aiming for Net-Zero Carbon Landscape Based on Life Cycle Assessment