Climate · Change · Again

Country / City	China / Taian
University / School	Shandong Agricultural University / College of Forestry
Academic year	2018
Title of the project	The Sponge Park Restoration Project / Flexible Climate Adaptive Activity Space in the City
Authors	Yingtao Wu;Yuelin Ding;Qianru Bai;Xiyu Wang;Qingyang Li

TECHNICAL DOSSIER

Title of the project	The Sponge Park Restoration Project - Flexible Climate Adaptive Activity Space in the City
Authors	Yingtao Wu;Yuelin Ding;Qianru Bai;Xiyu Wang;Qingyang Li
Title of the course	Master Diploma Project
Academic year	2018
Teaching Staff	Supervisor: Professor Hongtao Wang
Department/Section/Program of belonging	Department of Landscape Architecture
University/School	Shandong Agricultural University / College of Forestry

Written statement, short description of the project in English, no more than 250 words

In recent years,human beings' own reasons for extreme climate and weather continue to appear. In 2020, the world has been encountered a comprehensive epidemic situation, and human survival has been seriously challenged.

In this design, a damaged mountain in the urban residential area is selected for sustainable restoration,and the mitigation approaches of its surrounding environmental problems are identified by combining landscape architecture, anthropology, sociology and biology. Through the design of a new public green space, a solution draft is proposed to mitigate climate change and make landscape a main tool to cope with climate change. Firstly, ecological restoration is carried out to restore the mountain appearance.Secondly, sustainable transformation is carried out to the site, modern intelligent management system isintroduced, multi-functional planting ball is used to plant different plants. Finally, different activity spaces are created according to the terrain to meet the different needs of the surrounding residents. Through a series of transformation, a unique microclimate is created in this place to make the surrounding residents be able to fully enjoy the green and health brought by the area.

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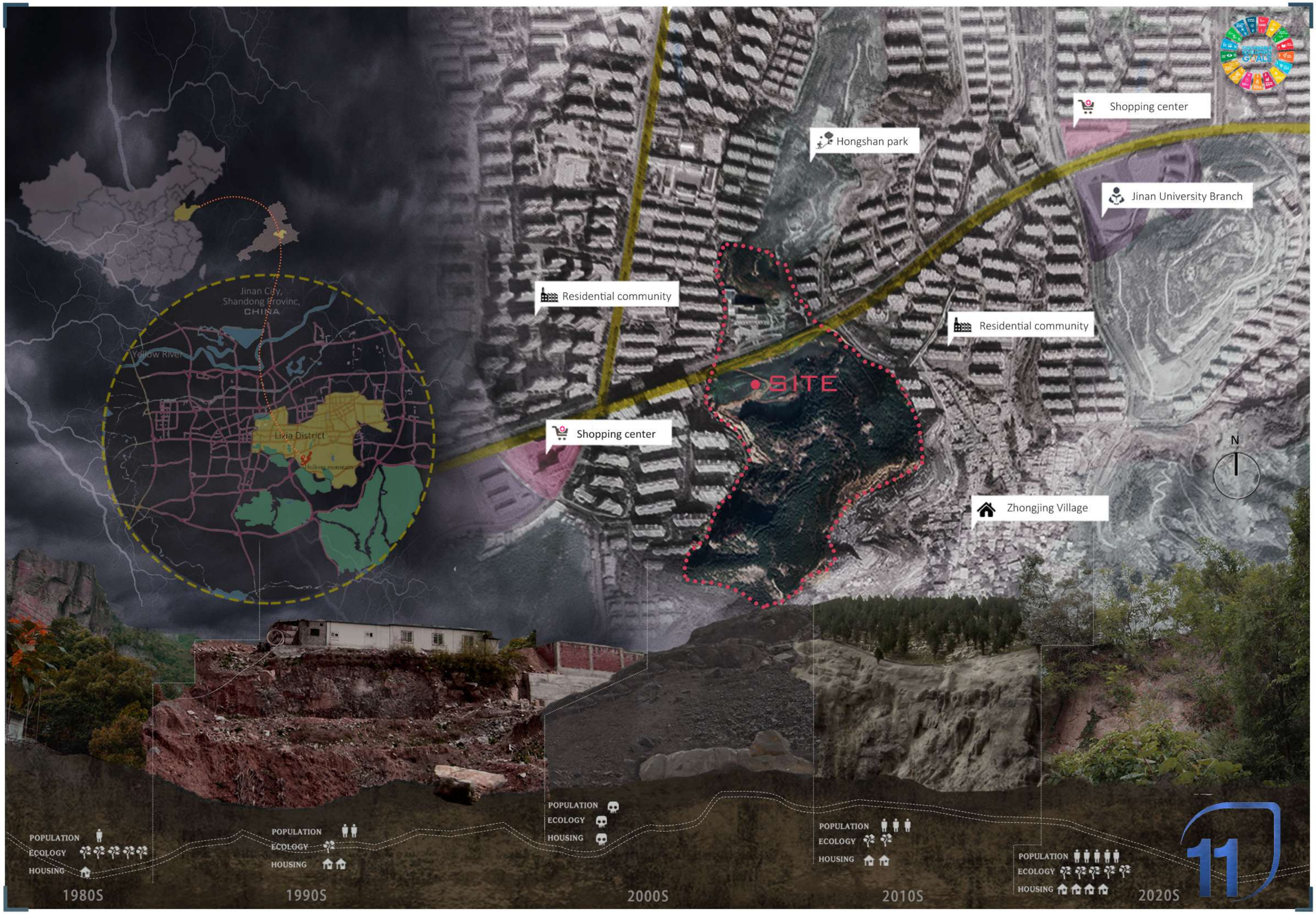
CLIMATE CHANGE AGAIN

11th International Biennial Landscape Barcelona

Barcelona September 2020

SCHOOL PRIZE


Jinan City,
Shandong Provinc,
CHINA
Yellow River
Lixia District
Hongshan park
Shopping center
Jinan University Branch
Residential community
Residential community
SITE
Shopping center
N
Zhongjing Village
POPULATION
ECOLOGY
HOUSING
1980S
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1990S
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2000S
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2010S
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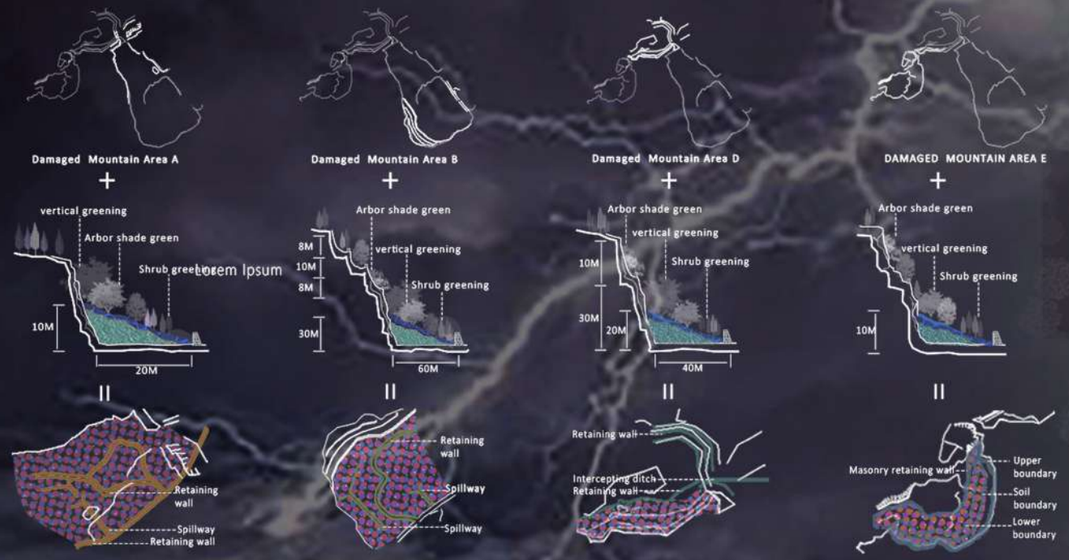
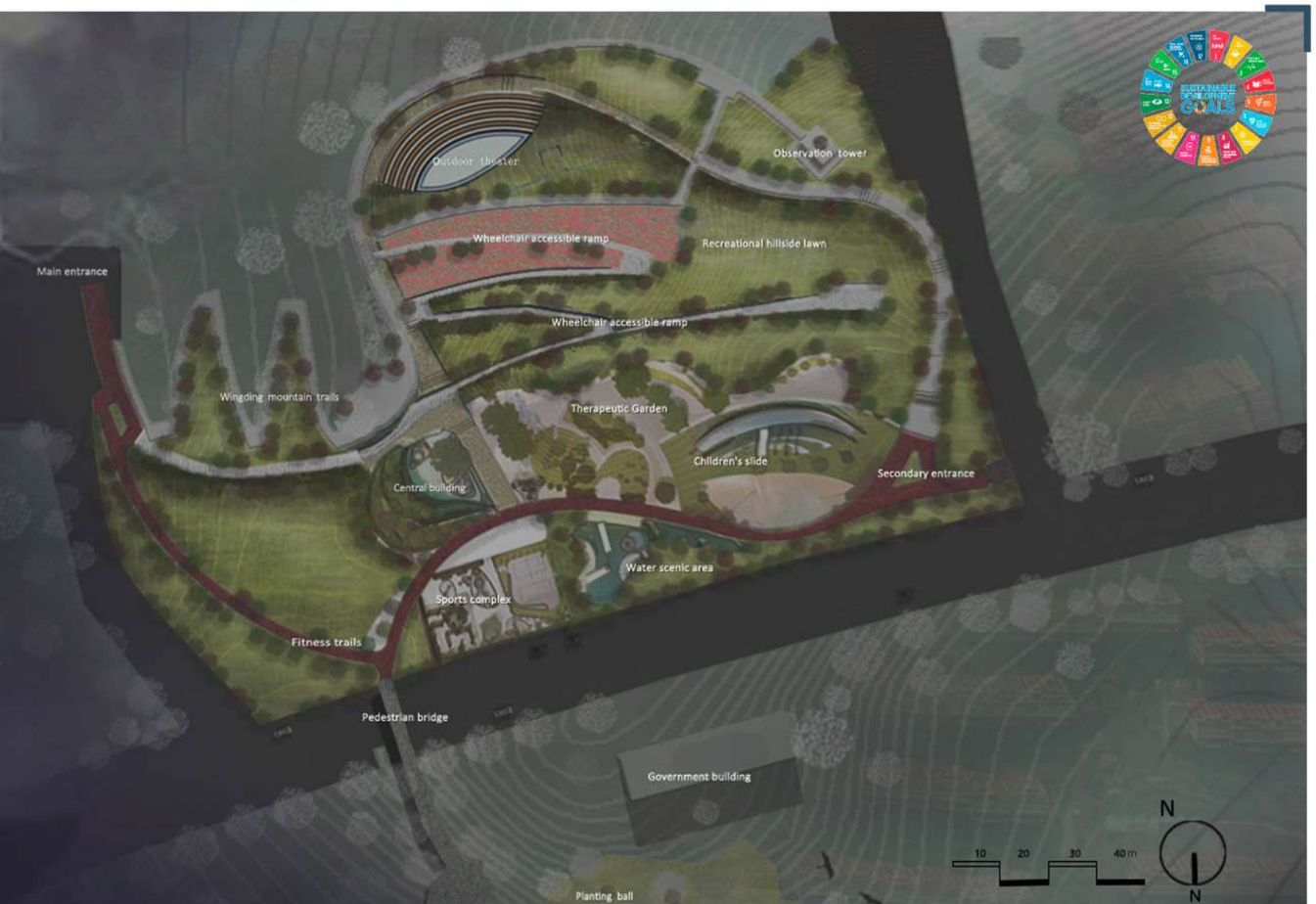
ECOLOGY
HOUSING
2020S

DAMAGED EAST SLOPE OF MOUNTAIN

DAMAGED NORTH SLOPE OF MOUNTAIN





STEP1 Terrain finishing

STEP2 Soil restoration

STEP3 Sparse trees and shrub

STEP4 Ecology stable

STEP4 Ecology stable

Landscape Transformation Strategy

11

The mountain has been restored

outdoor theater

Recreational hillside lawn

wheelchair accessible ramp

children's slide

Water scenic area

Winding mountain trails

service center

Jingshi Road

government building

Sports complex

Fitness trails

pedestrian bridge

Planting ball 3

Planting ball 2

Planting ball combination method

Planting ball 1

framework map

front view

2000 1000 1800 1200

3000 1500 3000

vertical view

Planting the ball

11