



Country/City Türkiye/ Istanbul  
University / School Istanbul Technical University  
Academic year 2024-2025 Spring Term  
Title of the project Mine Memory - Marmara Island  
Authors Emine Karaca

TECHNICAL DOSSIER

Title of the project	Mine Memory - Marmara Island
Authors	Emine Karaca
Title of the course	Landscape Design IV
Academic year	2024-2025 Spring Term
Teaching Staff	Prof.Dr. Hayriye Esbah Tunçay - Res. Assist. Elif Ağaoğlu Yıldırım
Department / Section / Program of belonging	Department of Landscape Architecture
University / School	Istanbul Technical University



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

This project proposes a landscape design that makes the eco-cultural memory of Marmara Island visible, sustainable, and experiential. Centered in Saraylar, where centuries of marble quarrying have shaped the environment and identity, the design seeks harmony between nature and culture. Under the theme Mine Memory, it aims to protect eco-cultural heritage, ensure sustainable island mobility, and preserve ecological identity. GIS analyses of land cover, vegetation, topography, and erosion inform zoning and circulation. Walking and cycling paths, and a shuttle route, connect key ecological and cultural areas. In Saraylar, inactive marble quarries are restored with vegetation and recreational uses. A marble experience route begins at the ferry terminal and continues along the coast, integrating commercial and cultural stops like an open-air museum and necropolis. Features such as wetlands, steel structures, and a meditative meadow offer layered, immersive experiences. The project blends natural and human-made landscapes, reconnecting the island's past and present through adaptive reuse and observation terraces.

Barcelona International Landscape Biennial

Contact via email:  
biennaladm@coac.net

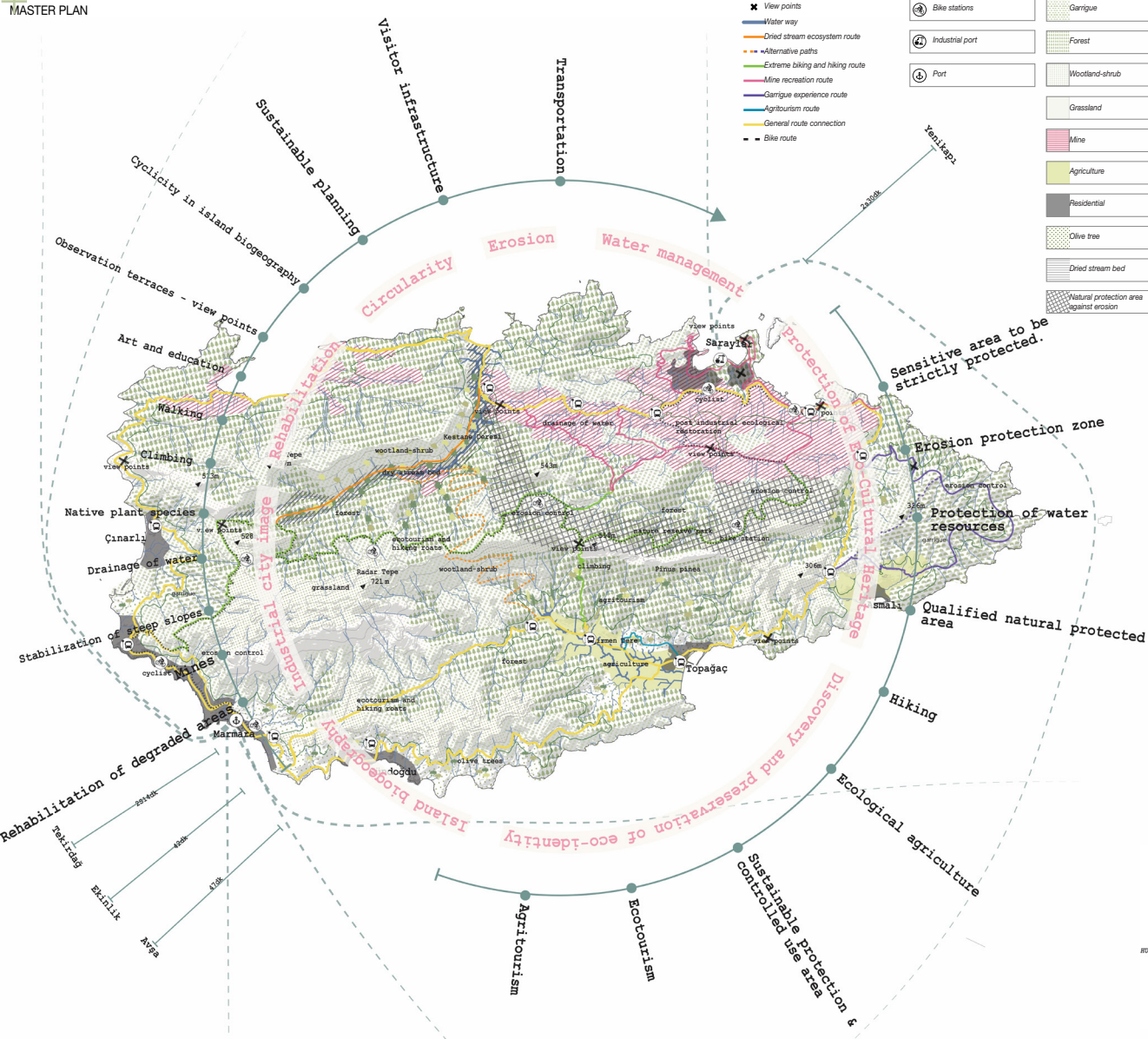
Venue:  
COAC - Col·legi Oficial d'Arquitectes de Catalunya  
Carrer Arcs 1-3, 08002 Barcelona - Spain

# MINE MEMORY-MARMARA ISLAND

## ECO-CULTURAL HERITAGE

It is aimed to preserve the values that have a unique identity to the island in ecological and cultural terms, and at the same time to develop the observation and sequence of these unique island characteristics.

## MASTER PLAN



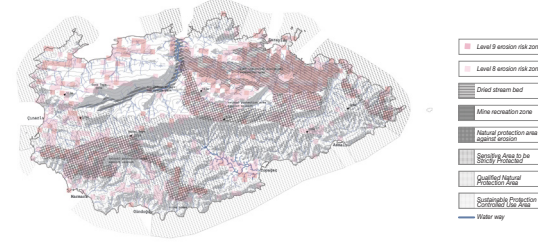
## ISLAND TRANSPORTATION

It is aimed to improve the circulation between different points within the island without damaging the sensitive natural and cultural resources, and to improve the transportation system for guests coming from outside the island, with the aim of slow tourism.

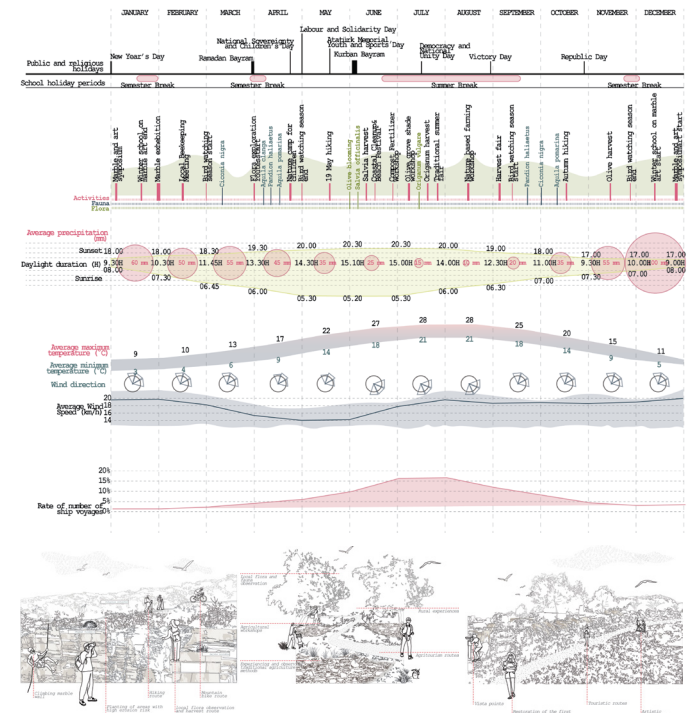


## ECO-IDENTITY PROTECTION

In this uniquely beautiful island, which also includes nature conservation areas with different statuses, elements such as erosion threat and deterioration of the ecological balance of water basins have been identified. In these regions, recreation in the area where the passive mining area is located, protection in the area threatening the dry stream basin and improvement proposals in sensitive areas with high erosion risk are targeted.

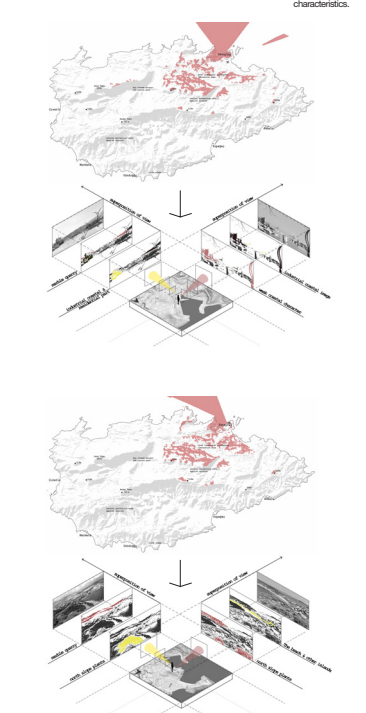


## ACTIVITY PROGRAM

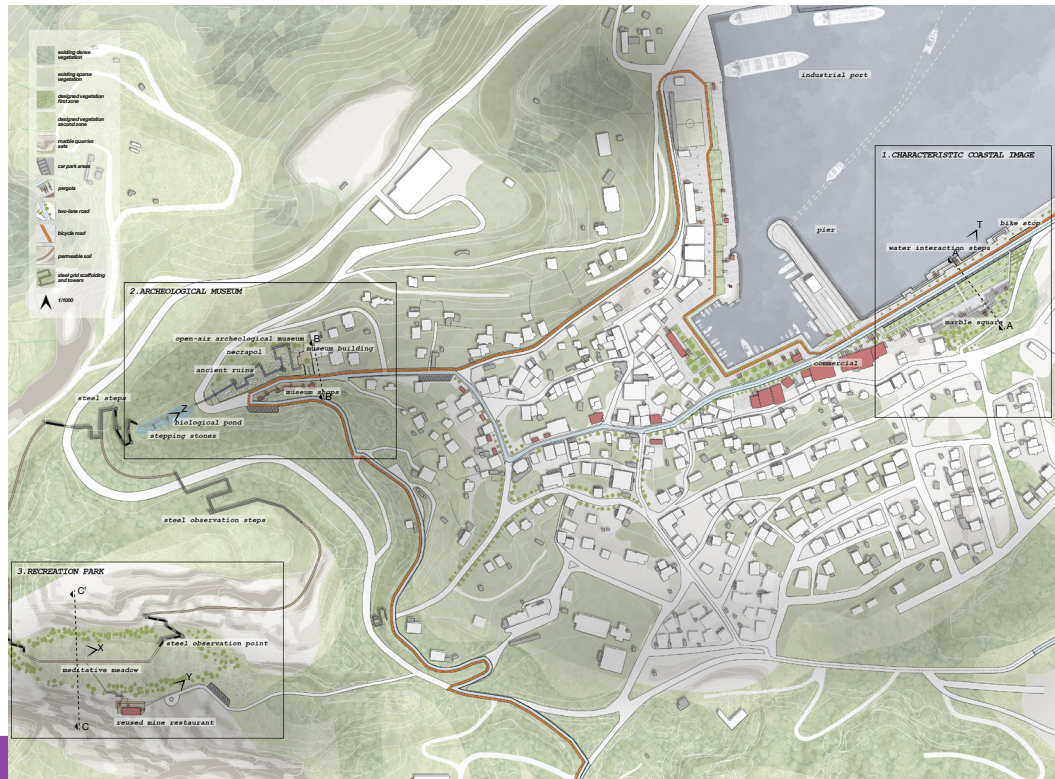
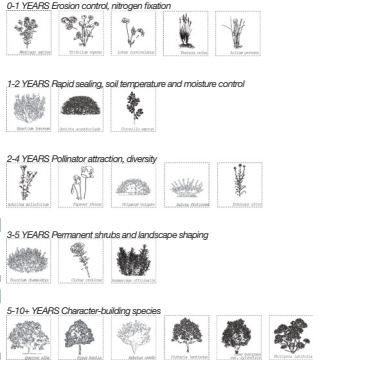
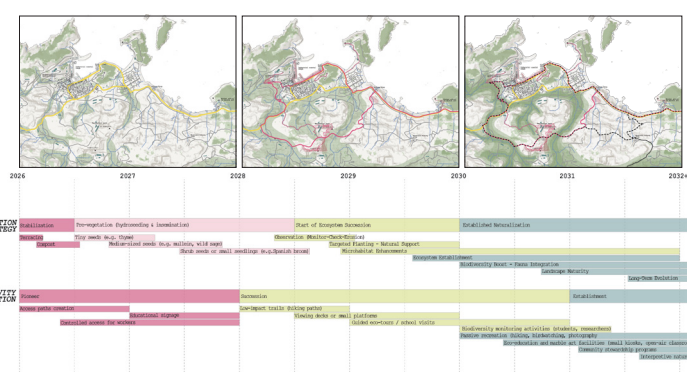


## VIEWSHED

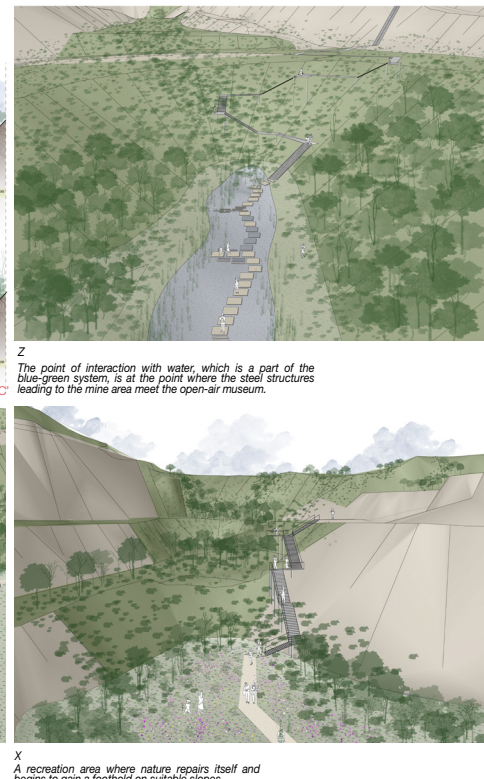
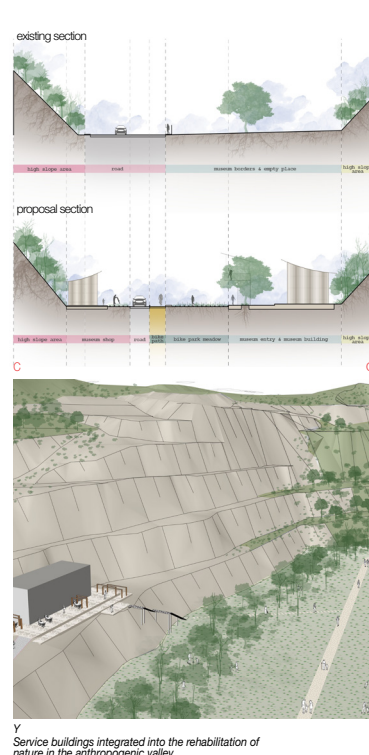
Observation points were determined by viewshed analysis in order to observe different ecological and cultural characteristics.



## TIMING AND PHASING GREEN-BLUE NETWORK



## 2.ARCHEOLOGICAL MUSEUM



## 1.CHARACTERISTIC COASTAL IMAGE

