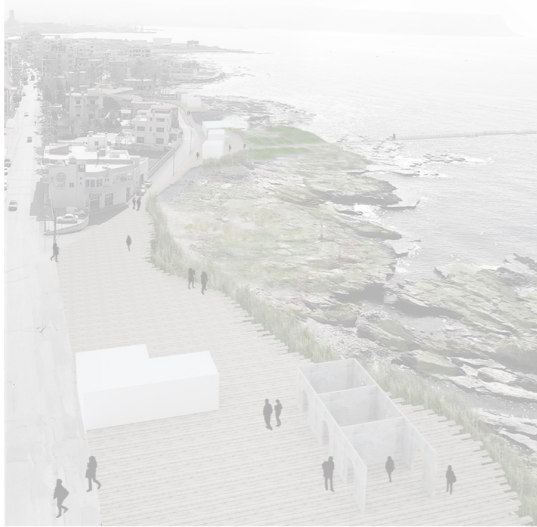
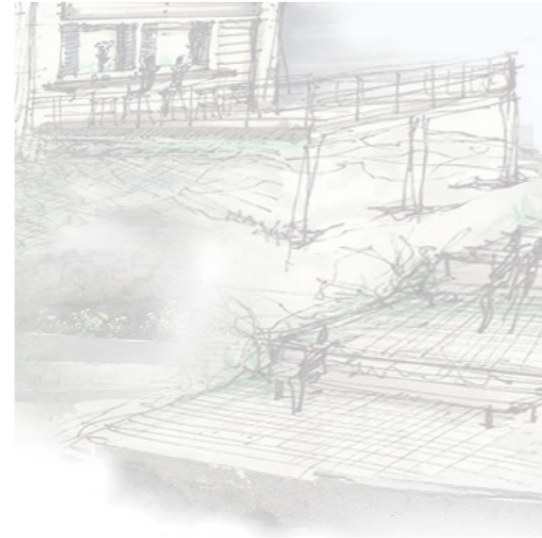


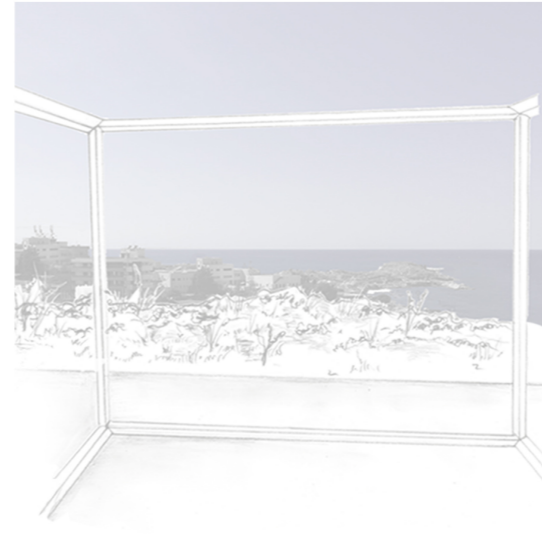
UNVEILING BIODIVERSE ANFEH



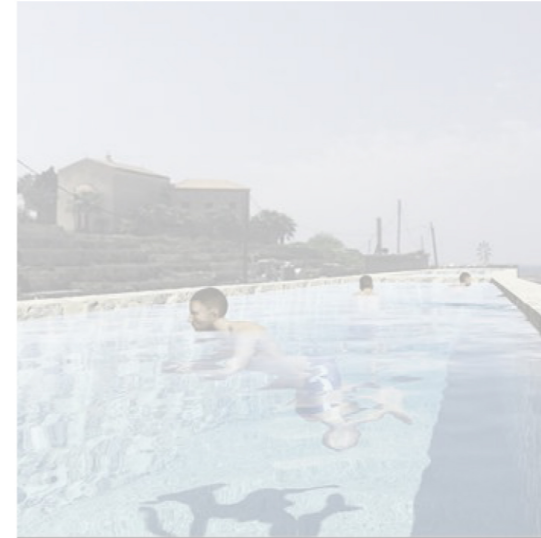
COASTAL WALKERS



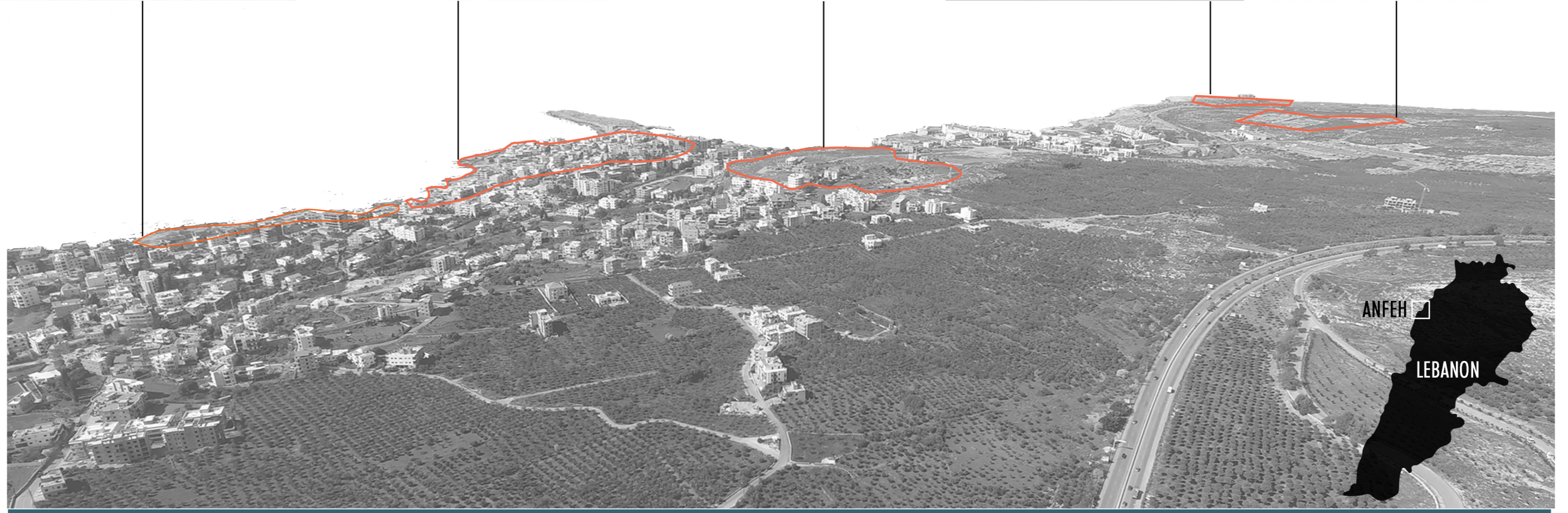
BEYOND THE SENSES: CONNECTING YOUR INNER AND OUTER LANDSCAPE



MEDITOSPHERE: TRANQUILITY, THERAPY, MEDITATION



EVOLUTIONARY DEGREDDATION



Country / City **LEBANON / BEIRUT**
University / School **AMERICAN UNIVERSITY OF BEIRUT**
Academic year **YEAR 3**
Title of the project **EVOLUTIONARY DEGREDDATION**
Authors **SARA EL SAMMAN**





PERFORMATIVE NATURE

Barcelona International Landscape Architecture Biennial

September 2018 **Barcelona**

SCHOOL PRIZE

X International Landscape Architecture Biennial

Máster d'Arquitectura del Paisatge -DUOT - UPC
ETSAB- Escola Tècnica Superior
d'Arquitectura de Barcelona
Avenida Diagonal, 649 piso 5
08028 Barcelona-Spain

TECHNICAL DOSSIER

| | |
|---|---|
| Title of the project | Evolutionary Degradation |
| Authors | Sara El Samman |
| Title of the course | LDEM 204 - Cultural Landscape Design |
| Academic year | Landscape year II - Spring 2017 |
| Teaching Staff | Dr. Maria Gabriella Trovato & Dr. Nahida Khalil |
| Department/Section/Program of belonging | Department of Landscape Architecture |
| University/School | American University of Beirut |

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

Located in the inland part of Anfeh, the site consists mainly of non-functional salt marshes. The context of the site and the variety of its landscape patterns makes it a natural and cultural attraction point in terms of recreation and tourism. It can be seen as a destination for people to connect with the native nature, the diverse wildlife and the historical culture. What are unique about this site are the variety of patterns, textures and the temporality of the existing elements. It's a patchy landscape that develops through the seasons and gives description of the natural patterns, processes and native species. It's an adaptation palette, which was designed to let nature work. The main concept of the site revolves around emphasizing the transition from water, vegetation to concrete, the built elements. The water runoff and the erosion process inspired the composition of the space as well as the main pedestrian circulation. Finally, It is important to mention that Lebanon is an important bird attracting area. The urban sprawl is leading to the lack of proper areas for birds to rest. The following design will serve as a solution for this issue through the introduction of native trees and water features that will attract migrating birds.

For further information

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Contact via email at: biennial.paisatge@upc.edu

Consult the web page <http://landscape.coac.net/>

Inventory and Analysis Phase
SITE LOCATION

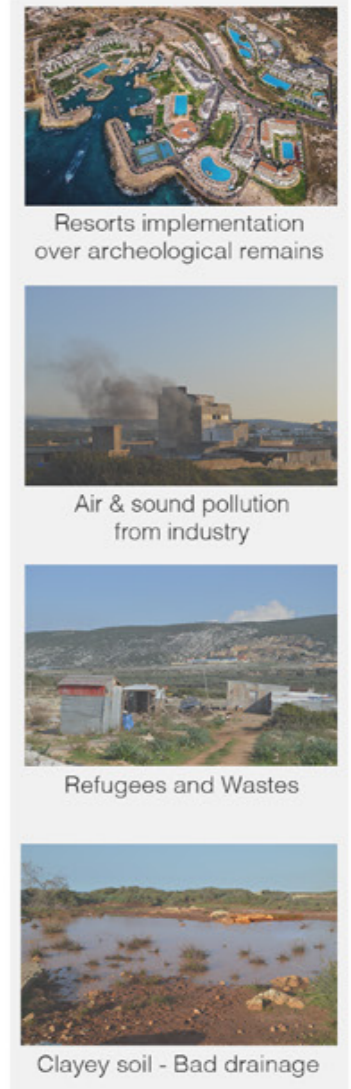


CULTURAL CONTEXT : Existing Site Condition

- Land Use
- Functional Salt Marshes
 - No Longer Functional Salt Marshes
 - Packaging Industry
 - Olive Groves
 - Wild Vegetation
 - Informal Settlements
- Accessibility
- Sea Side Road
 - RailRoad
 - Main Access To The Site



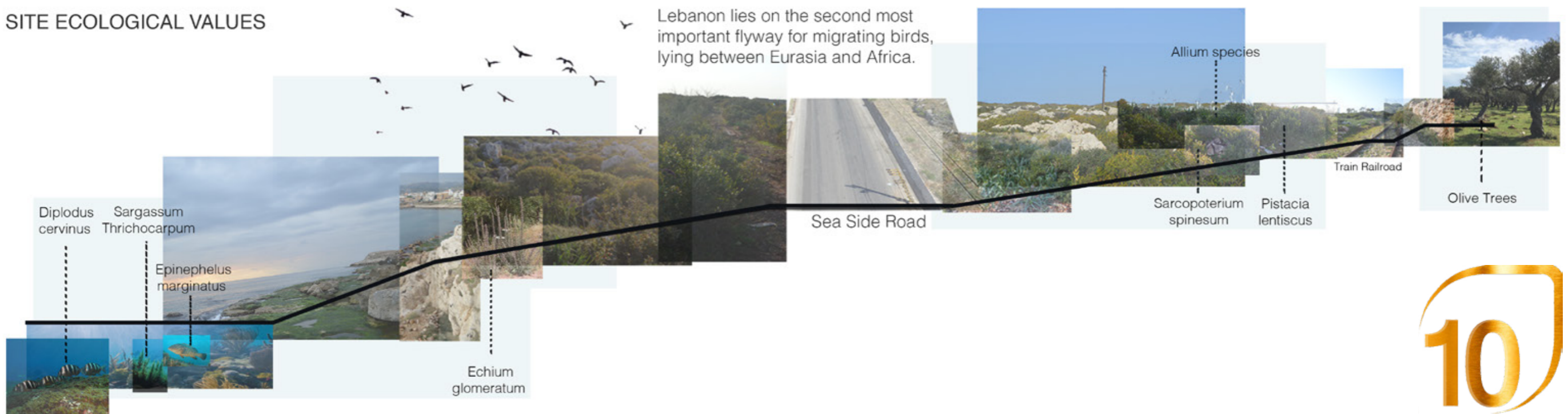
SITE ISSUES



SITE CHARACTERISTICS



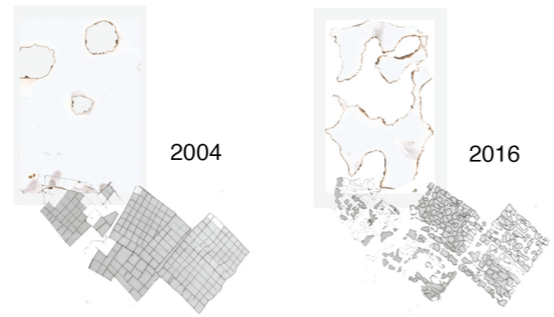
SITE ECOLOGICAL VALUES



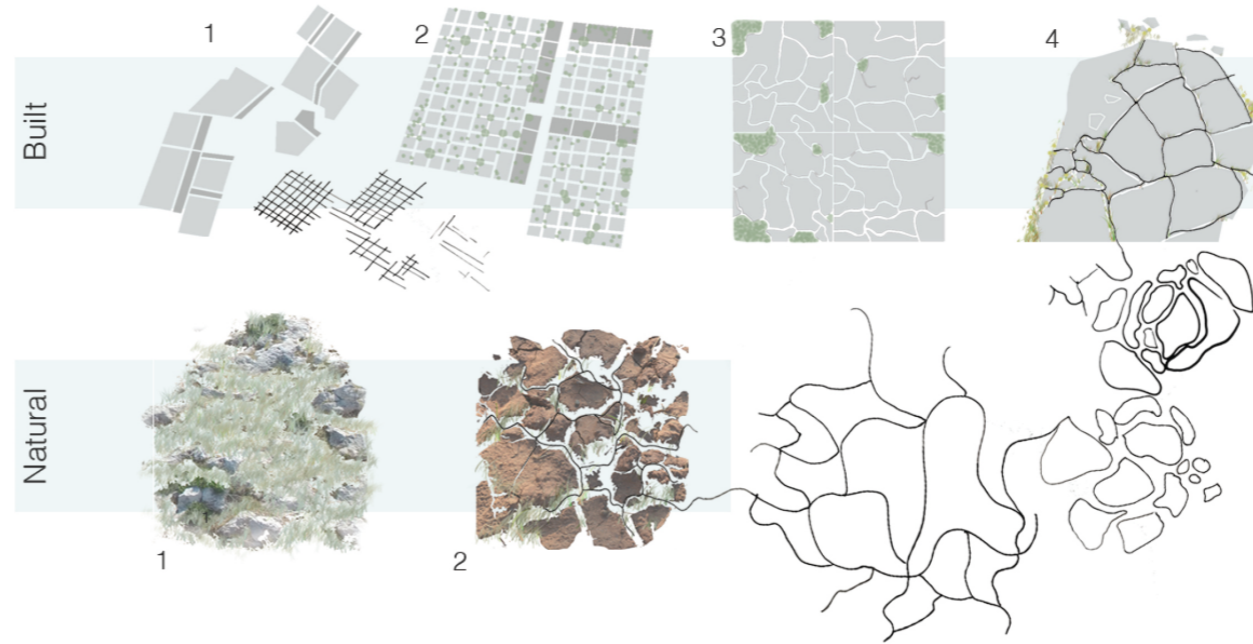


Conceptual Phase SALT MARSHES EVOLUTION OVER TIME

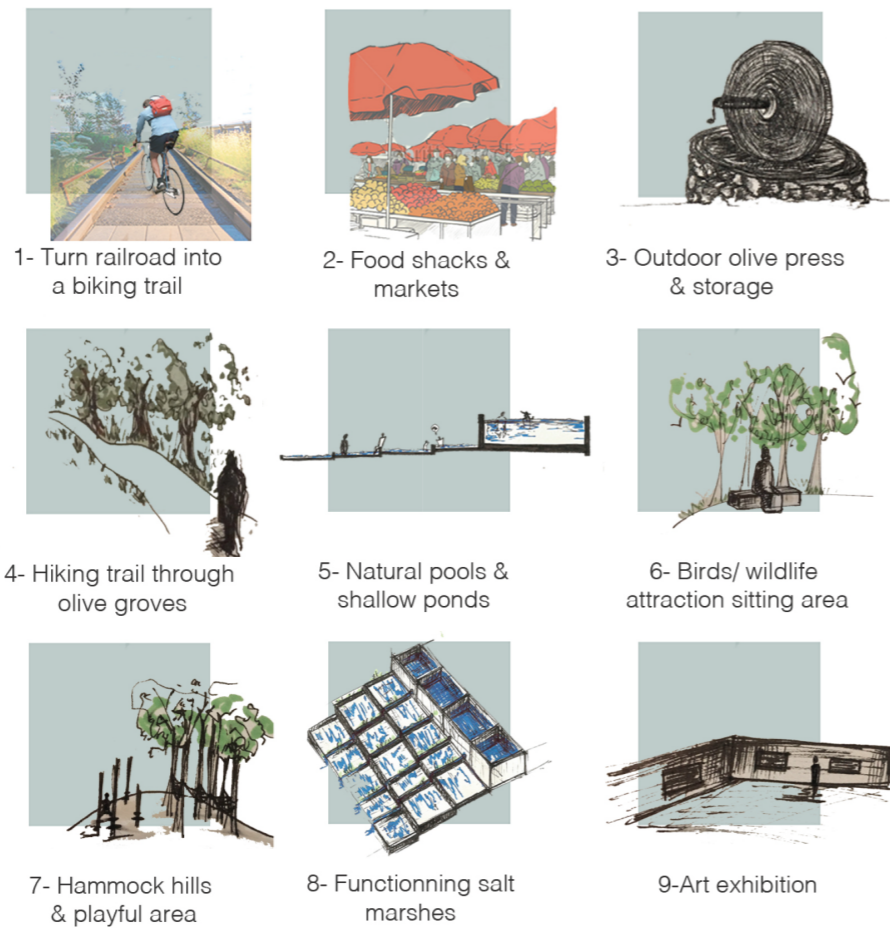
The start of the **Egyptian salt importation in 1992** resulted in the end of the functioning of the Anfeh salt marshes. Weathering and the growth of the wild vegetation **reshaped the salt marshes** until all that was left is an interesting **pattern of green and grey**.



PATTERN ANALYSIS: From Macro to Micro

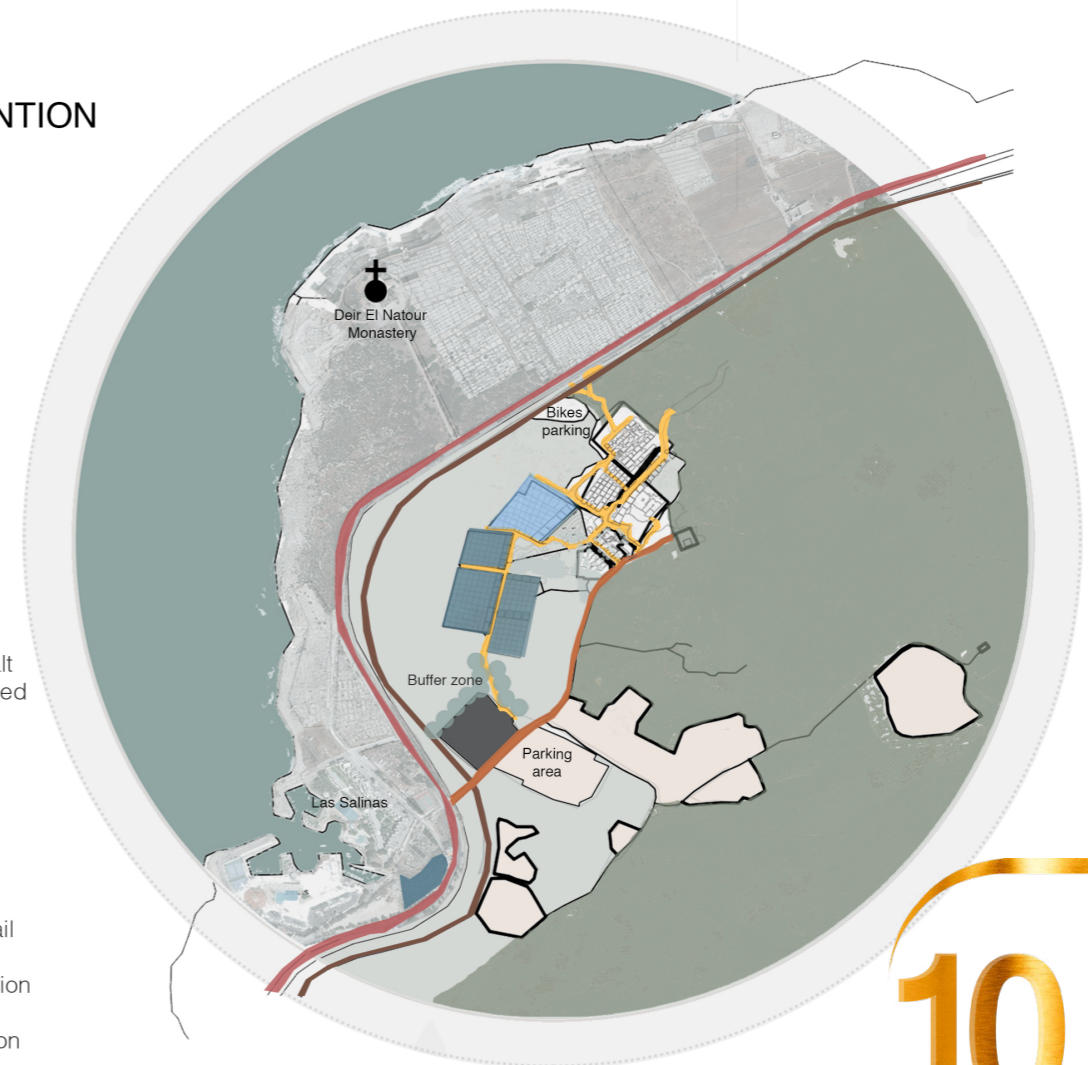


PROGRAMS



MASTER PLAN AFTER INTERVENTION

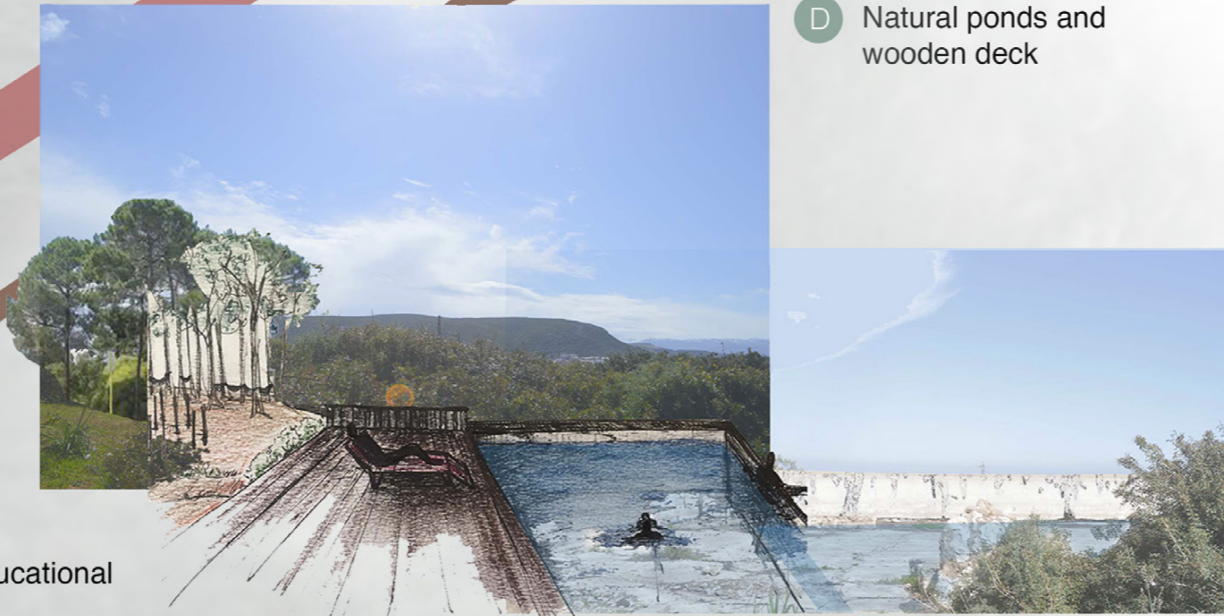
- Refunctioning of salt marshes
 - Non-functionnal salt marshes transformed into natural pools and ponds
- Circulation On Site
- Sea Side Road
 - Railroad Biking Trail
 - Pedestrian circulation
 - Vehicular Circulation



Design Phase

SEA SIDE ROAD

RAILROAD BIKING TRAIL



D Natural ponds and wooden deck

E Anfeh's open air exhibition space



A Refunctioning of the salt marshes for educational, economical, and cultural purposes



B Reusing the existing salt marshes and transforming them into natural pools for recreational, ecological and economical purposes



C Playful rods and elevated hammocks area for a recreational purpose, creating a different atmosphere for users to relax under pine trees

