

Country /City France - Baie De Somme

University / School MBLandarch - ETSAB (UPC)

Academic year 2021 - 2022

Title of the project Living In The Rising -Tides Strategies, Structures And Systems Of Coastal Resilience - The Case Study Of Baie De Somme

Authors Dionysios Stravopodis

TECHNICAL DOSSIER

Title of the project Living In The Rising - Tides Strategies, Structures And Systems Of Coastal Resilience
Authors The Case Study Of Baie De Somme
Dionysios Stravopodis
Title of the course Master Final Thesis
Academic year 2021 - 2022
Teaching Staff Anna Zahonero / Ioanna Spanou
Department / Section / Program of belonging Master In Landscape Architecture - MBlandarch
University / School ETSAB - UPC



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

I argue that because climate change is not only a transformation of the physical conditions of the earth but also of the human psyche we need to design in ways that not only change the physical space but also transform the human perception and behaviour. The goal is to be able to continue living in the fragile territory for the next century and in order to do this we need a system of conditions. Based on the complexity and seriousness of the challenges of territory the only way to respond is through a system of projects that each is the basis of the other. For this reason we need to accept loss and transformation through the design of diverse floodplains. If the territory is not properly drained then construction is not possible. The over silted estuary provides material for construction. The new tidal estuary provides the biological conditions for the safety of the coast and finally we come to Cayeux-sur-mer where we allow habitants to experience equally all the forces of the territory.

12th International Biennial Landscape Barcelona

Barcelona November 2023

SCHOOL PRIZE

For further information

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Sede ETSAB - Universitat Politècnica de Catalunya

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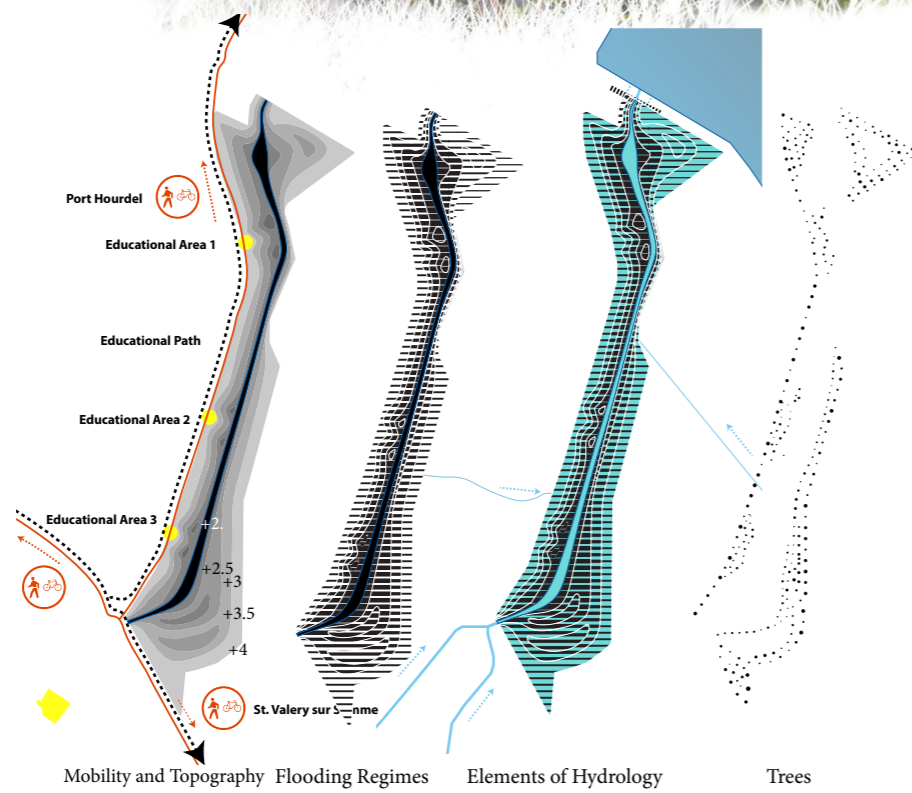
COAC - Colegi oficial d'Arquitectes de Catalunya

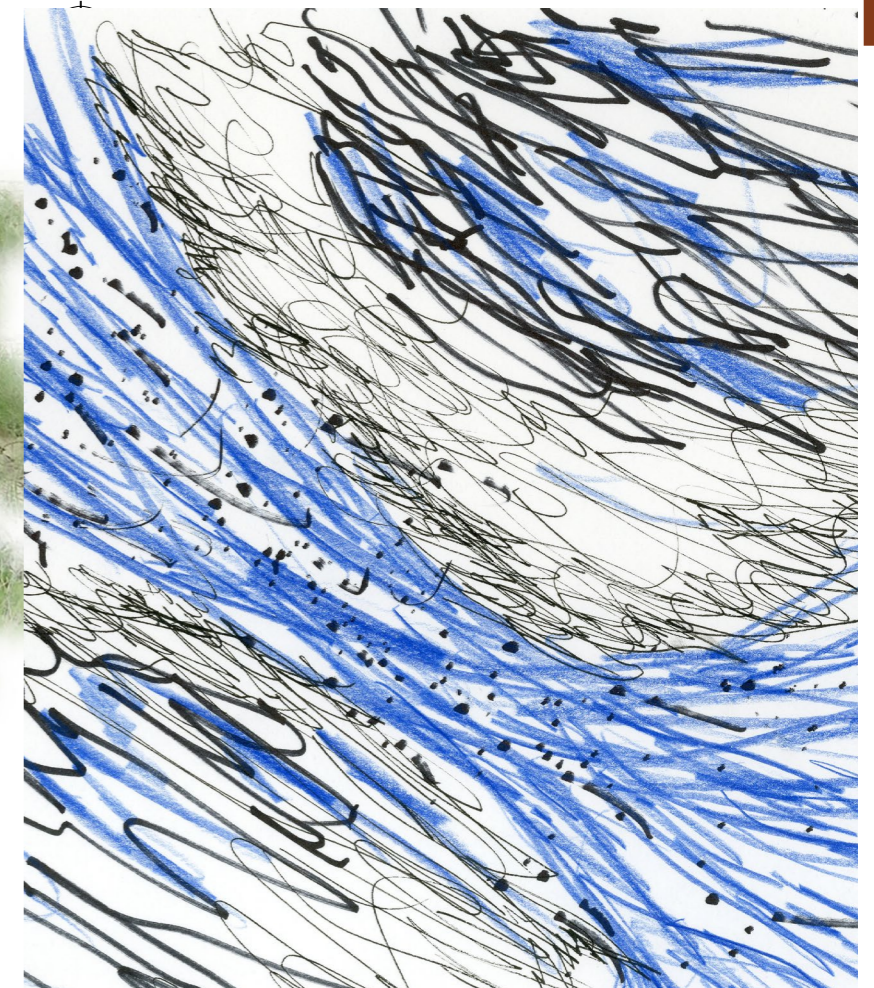
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LOW FIELDS
Giving Room for Flooding

*Sometimes an individual loss
benefits the whole.*





HABLE D'AULT
RETURNING LAND TO THE TIDES

Diverse landscape = Diverse habitats = Diverse production
= Higher possible adaptation of humans in relation to climate change dangers



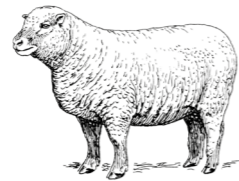
Salicornia Sp.



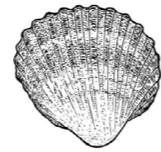
Aster tripolium



Spatima Sp.



"Agneau de pré-salé"
Salt Marsh Sheep



Cerastoderma edule



Mitulus edulis

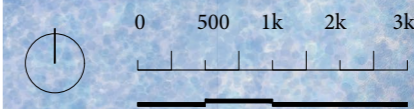


Zostera marina



Gracilaria pp.

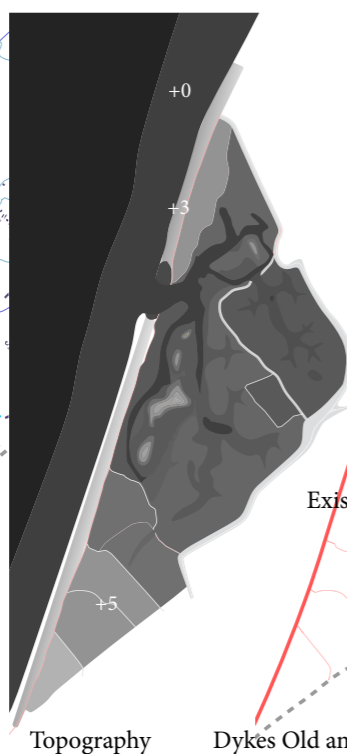
Breaking the Protective Barrier



HABLE D'AULT
Landscape in Low Tide

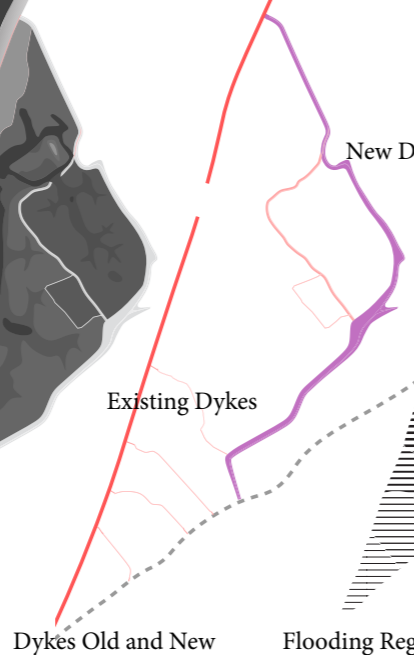


Inner 'Coast' - Mudflat Area



Topography

Breach of Coast



Dykes Old and New

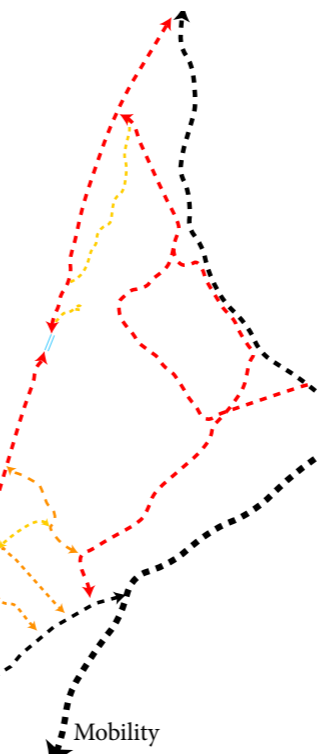
Flooding Regimes



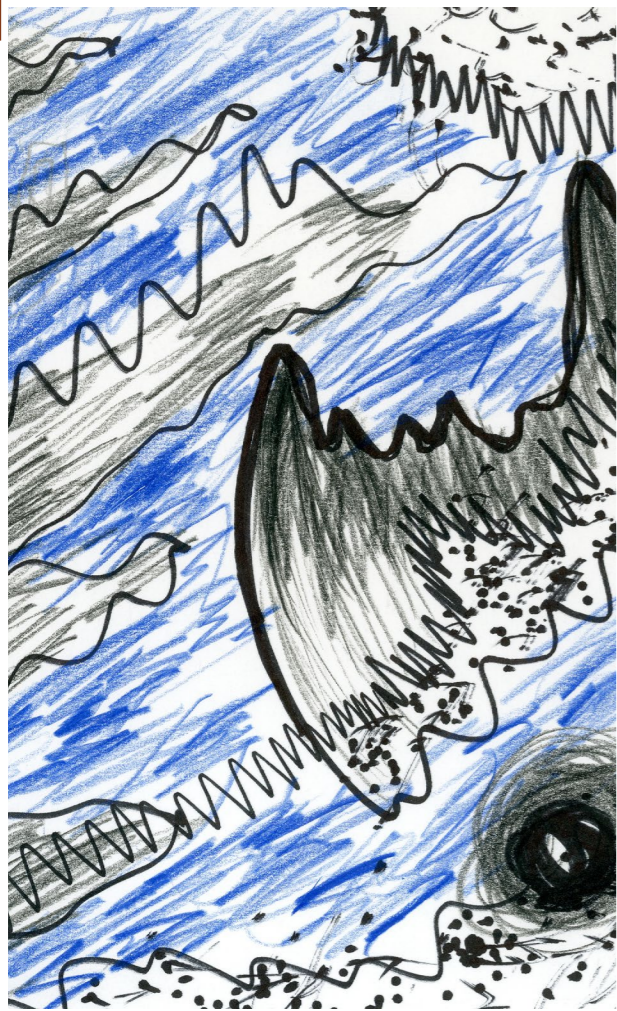
Uses



Habitats



Mobility

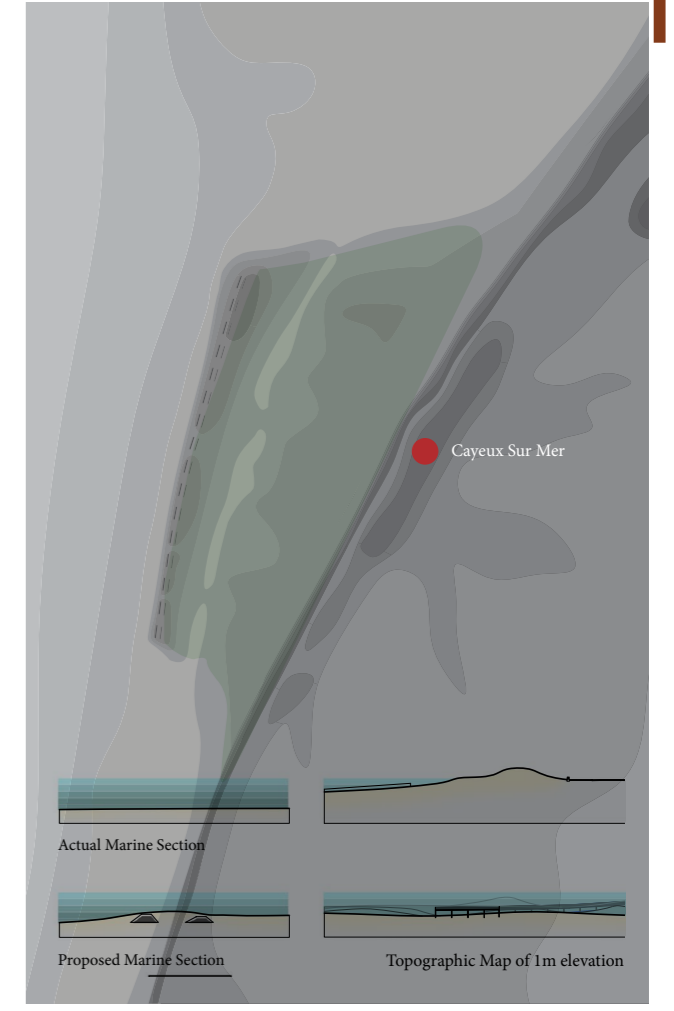


The storm and waves hitting the shore



CAYEUX-SUR MER
IMAGINING A NEW LIVED WATERFRONT

Merging the city with the dangerous side of nature
as a way to inspire a new type of citizen adapted to climate change precarity



Transforming the coastal underwater topography

