

Country / City Italy / Reggio Calabria
University / School *Mediterranean University of Reggio Calabria*
Academic year 2017/2018
Title of the project Sant'Agata River Urban Park
Authors Giuseppe Adda, Emanuel Dattoli, Mattia Pandolfo

TECHNICAL DOSSIER

Title of the project	Sant'Agata River Urban Park
Authors	Giuseppe Adda, Emanuel Dattoli, Mattia Pandolfo
Title of the course	Landscape design
Academic year	2017/2018
Teaching Staff	Teachers: Daniela Colafranceschi/Vincenzo Giofrè
Department/Section/Program of belonging	Department Architettura e Territorio 2nd Cycle Degree Course in Architecture
University/School	<i>Mediterranean University of Reggio Calabria</i>



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

The relationship between the rivers - 'fiumare' - and the city of Reggio Calabria determines around the urban river parks landscape design the recognition of a central value of the waterways in the regeneration and redevelopment processes. River areas are often landscapes of degradation, abandonment, waste; rejection landscapes. They're compromised landscapes by road infrastructure networks built beside, above, inside the waterways; landscapes of abandonment, that are not designed or excluded from urban planning.

The Fiumara Sant'Agata in Reggio Calabria. As a space for interaction, mobility and environmental sustainability, the 'linear' dimension of the project is redesigned as a complex landscape; a 'device' to experiment with strategic levels of intervention affecting infrastructure, slow mobility and services: on-board areas, cycle lanes, paths, gardens, vegetable gardens, agricultural and recreational areas. An environmental and collective quality of new spaces to live in. The system aims to enhance a limnological ecosystem, which concerns lake hydrology, through expanding basins designed as wetland gardens. A strategy that, by ensuring river management and the possibility of flooding of marginal areas in case of large water flow, restores the sustainable development of the river as an ecological and energy system. These are solutions that confer to the river the quality and the role of longitudinal and transverse sewing in a dual value: between the edges of its banks, and at the same time between the river and the context to which it belongs, maintaining the character of penetration and travel infrastructure in the reorganization of the urban building fabric.

For further information
Máster d'Arquitectura del Paisatge -DUOT - UPC

T: + 34 93 401 64 11 / +34 93 552 0842
Contact via email at: biennal.paisatge@upc.edu

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



CLIMATE CHANGE AGAIN

11th International Biennial Landscape Barcelona

Barcelona September 2020
SCHOOL PRIZE



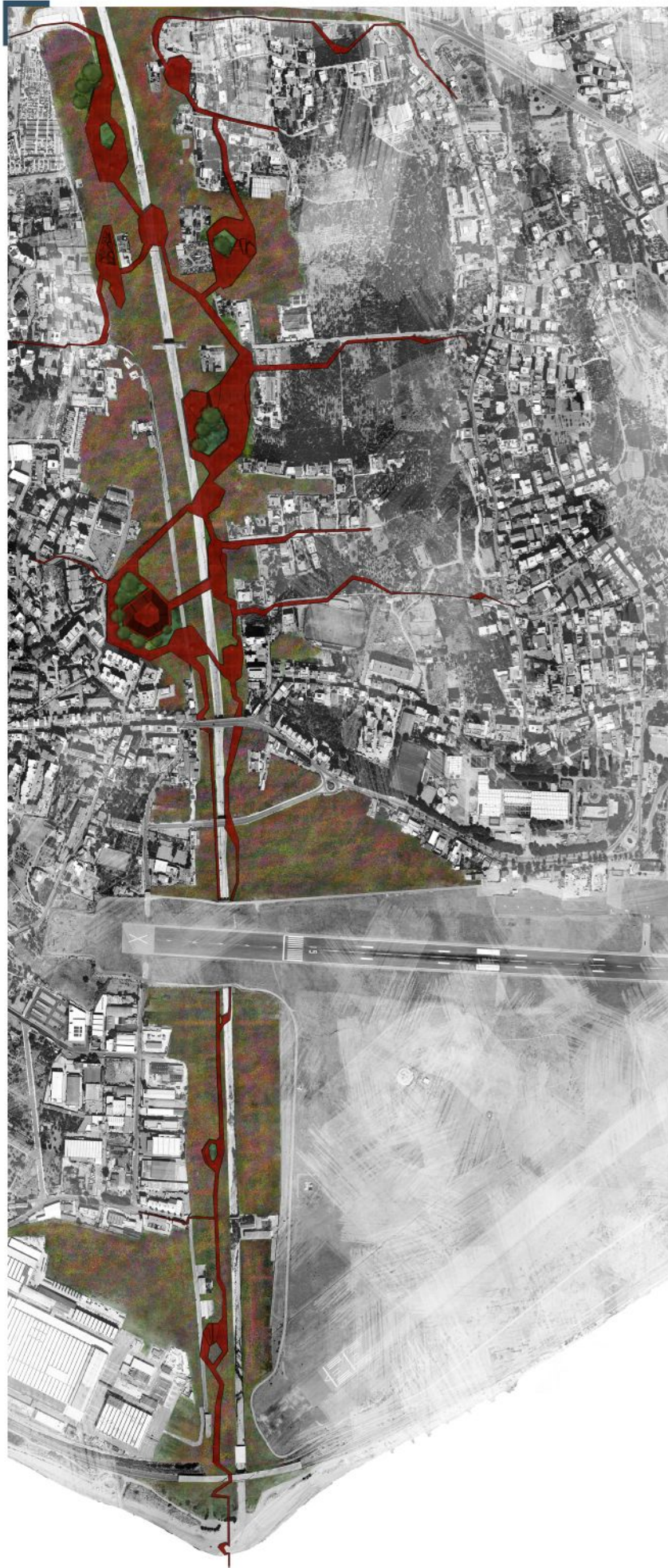
Reggio Calabria, Italy

Fiumara Sant'Agata



Project area photographs: inspection with students
Fiumara Sant'Agata, October 2017





Masterplan



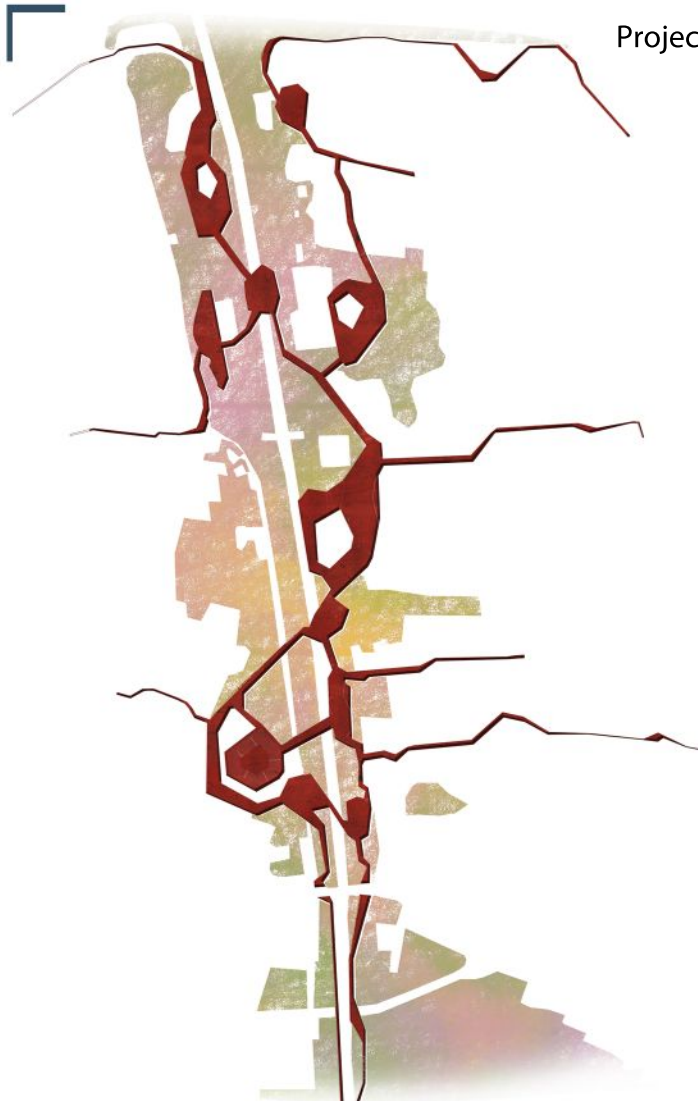
Project ideogram

Detail of the masterplan



Rendering of the project





Project ideogram



Project sections



Ecological study

Bonifica delle spiagge e delle acque.

Costruzione di aree attrezzate per la pesca dalla costa.

Organizzazione di eventi, esibizioni e tornei di pesca sportiva.

L'intervento ha lo scopo di incentivare attività produttive come la pratica della pesca tramite interventi di bonifica della zona costiera che, nelle condizioni attuali, versa in stato di completo abbandono.

acciuga
 sogliola
 triglia
 alice
 cefalo
 cernia
 dentice
 ricciola
 rombo
 sarago
 scorfano
 seppia
 sgombro
 tonno rosso
 orata
 spigola
 sardina
 pesce spada

Sambucus
 Citrus
 Nerium oleander
 Hedera
 Lavandula
 Rubus ulmifolius
 Myrica communis
 Laurus nobilis
 Rosmarinus officinalis
 Thymus
 Cerothea
 Genisteae

Rendering of the project

