LIFE NatuReef

Nature-based reef solution for coastal protection and marine biodiversity enhancement

ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

Comune di **Ravenna**

PARCO DELTA DEL PO
EMILIA-ROMAGNA

PROAMBIENTE
innovation & environment

FONDAZIONE FLAMINIA
PER L'UNIVERSITÀ
IN ROMAGNA

REEF CHECK ONLUS
ITALIA

LIFE NatuReef aims to restore native oyster (*Ostrea edulis*) and sabellariid (*Sabellaria spinulosa*) reefs off a pristine beach in the North Adriatic, inside the EU Natura 2000 SAC and SPA Bevano river mouth (IT4070009, Italy). These ecologically extinct ecosystem engineers will build three-dimensional reefs providing for ecological niches, high biodiversity, and nursery habitats. They also will protect coastal habitats by retaining sediments, dissipating wave energy, and counteracting coastal erosion.



Ancient oyster beds in the Adriatic Sea were described by Luigi Ferdinando Marsili (Bologna, 1658-1730)

WP1 Project management and coordination (1-48 m)

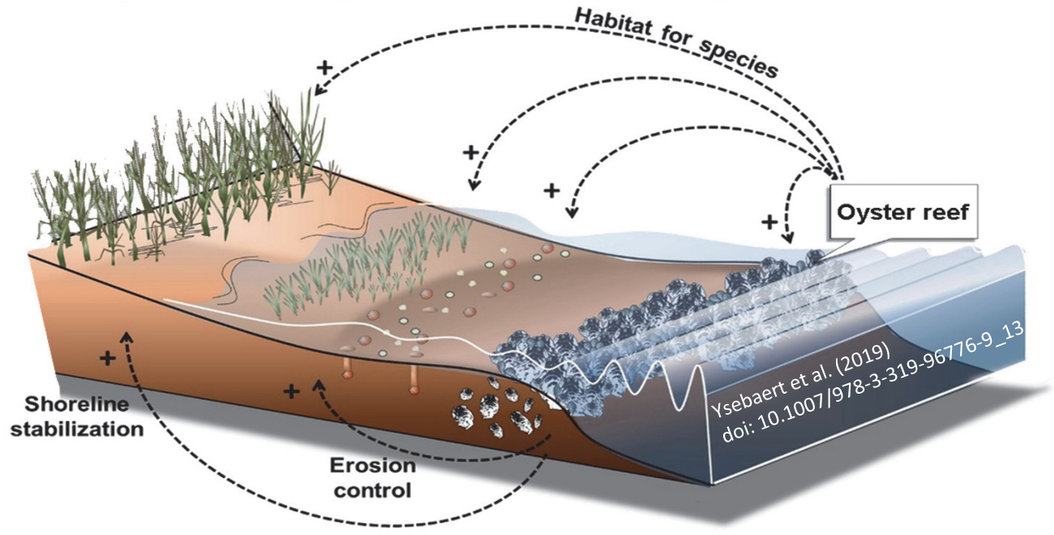
WP2 Habitat and biodiversity baseline, monitoring, evaluation and KPI (1-48 m)

WP3 Design and construction of the basal limestone reef (1-36 m)

WP4 Design and implementation of the biogenic reefs (1-46 m)

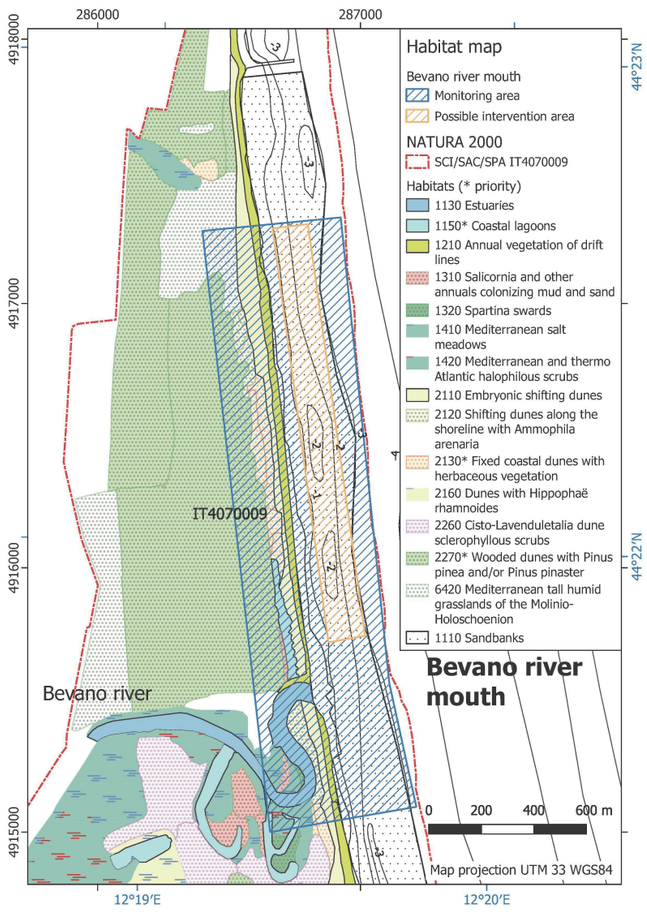
WP5 Dissemination, communication and public engagement (1-48 m)

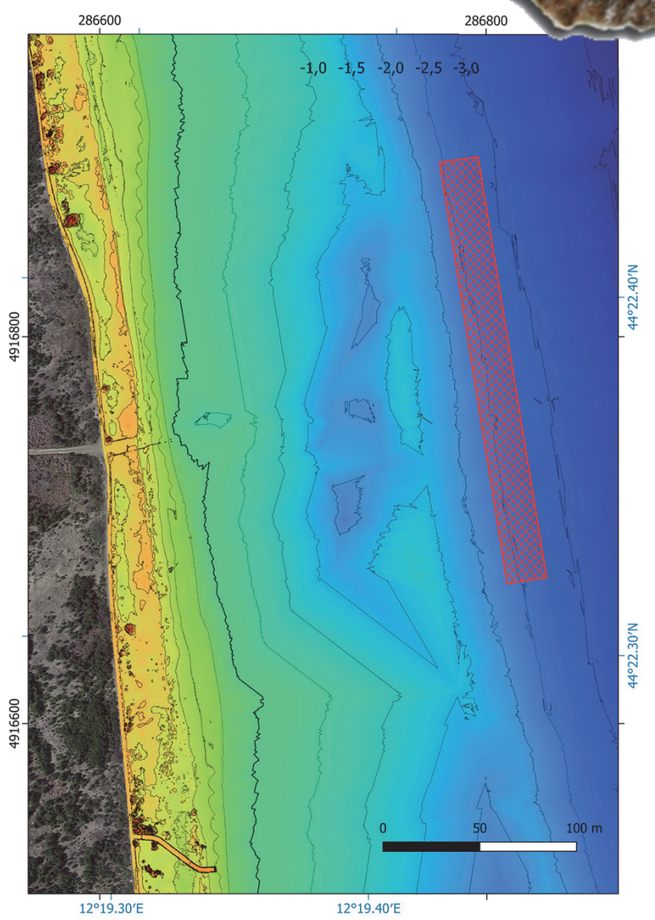
WP6 Sustainability, replication and exploitation of project results (13-48)













LIFE-2022-SAP-NAT - Nature & Biodiversity - Standard Action
LIFE22-NAT-IT-LIFE-NatuReef/101113742
Period: 01/07/2023 - 30/06/2027
Total Eligible Budget: € 3'183'057
EU Contribution: € 1'909'832 (60%)
Coordinator: Prof. Massimo Ponti
Alma Mater Studiorum Università di Bologna
Contact: massimo.ponti@unibo.it
https://site.unibo.it/life-natureef