

IDENTIFY THE RISK OF TIDAL WAVES AND COASTAL DEFENCE

OBJECTIVE

Preserve the coast.

DESCRIPTION

Surface water management, in a transitional territory between the plain and the sea, must also account for the possibility that the tidal oscillations in certain weather or astronomical conditions can hinder the normal flow of water at the mouth of the waterways.

EXPECTED RESULTS

Normal outflow preserved; water outflow mapped and monitored.

RESULT INDICATORS

Water flow [m³]

INVOLVED ACTORS

Private sectors, governments and local authorities.

EXPECTED TIMELINE FOR ACTION

- Short term (1-4 years)

BEST PRACTICES

- Veneto Region - Italy
- Netherlands
- Sibenik - Croatia
- Marche Region - Italy

CRITICALITIES

Coastal erosion due to bad management.

SCOPE OF THE ACTION

- Adaptation

TYPE OF PROPOSED ACTIONS

- Soft

SECTOR OF ACTION

- Agriculture / Forests / Land use
- Biodiversity / Conservation of ecosystems
- Coastal management

CLIMATE IMPACTS

- Change or loss of biodiversity
- Coastal erosion
- Floods

IMPLEMENTATION SCALE

- Municipality
- Region / Country

SOURCE

<https://www.venetoadapt.it/wp-content/uploads/2020/03/Del.%20A2%20ChecklistVulnerabilities&templateAdaptationStrategyMatrix.pdf>