

Newsletter

October 2021



European Space Agency gives the opportunity to activate for a third year the Space for Shore consortium, led by i-Sea, in the frame of Coastal Erosion project. After having developed many tools, which made possible the monitoring of erosion dynamics for all types of European coasts, and after having massively applied them to more than 1,500 km of coast over a timespan of 25-year retrospective, our team is mobilising the monitoring of new areas with high issues to achieve operational services that are fully in line with the concerns and needs of coastal managers.

A message to our end-user community

You are currently more than 60 end-users and local experts from France, Germany, Greece, Portugal, Romania, and Norway. 40 have joined the original Space for Shore end-user community. We thank you for your trust and the crucial interest you show in our ambition.

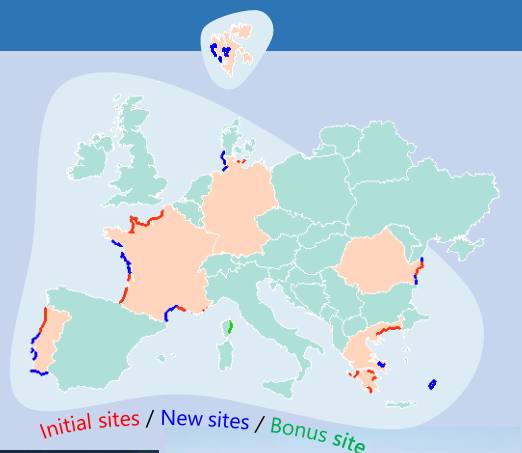
To the end-users who followed us for the first 2 years of the project, a big thank you! The success of our work and the project continuation are strongly linked to your involvement.

New year, new challenges !

From mid-2021 to mid-2022, we will complete the coastal monitoring on the initial sites, until spring 2022.

This year will also be devoted to the extraction of the coastal features and the monitoring of the dynamics at least 300 new kilometers of each country of the consortium.

A new country integrates our set of regions of interest! The Svalbard archipelago (Norway), as complex as, though essential in our contribution to the global battle against the effects of climate change.



Project progress & events

08/01/2021

Current date

Mid-term review

31/01/2022

Collection of end-user needs for the new sites & products selection

Update of the coastal monitoring time series on the initial sites until the end of 2021

Extraction of morphological indicators over the new sites

Coastal change analyses



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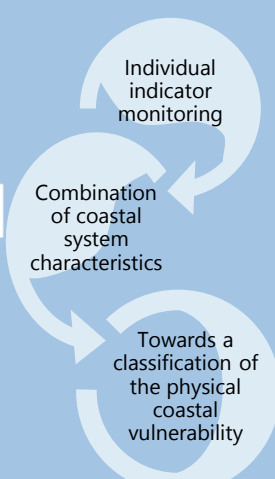
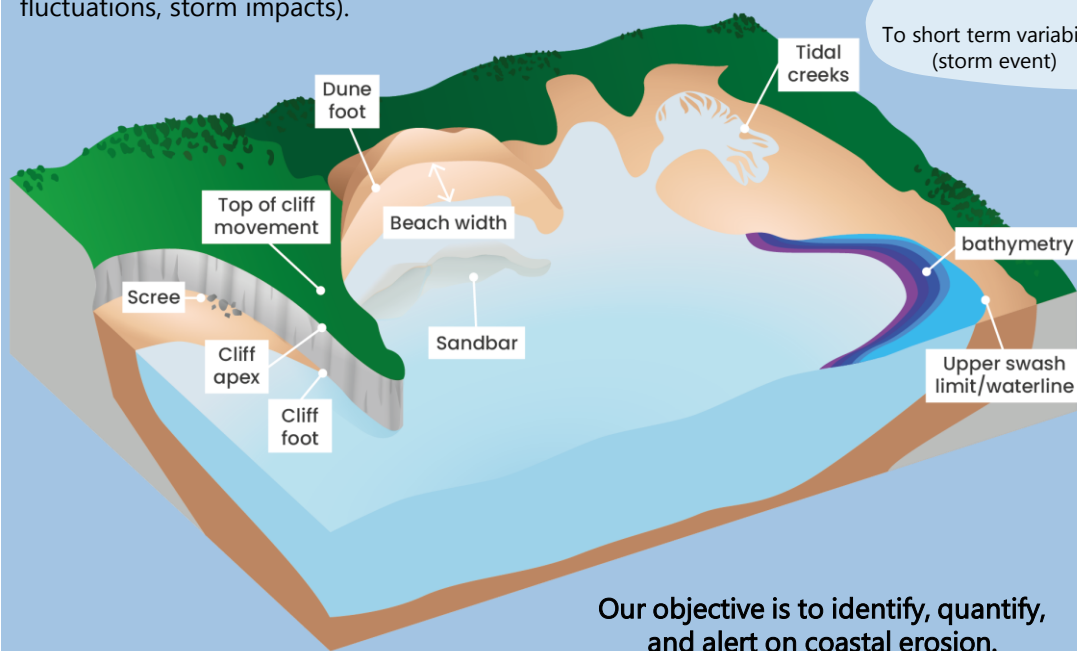
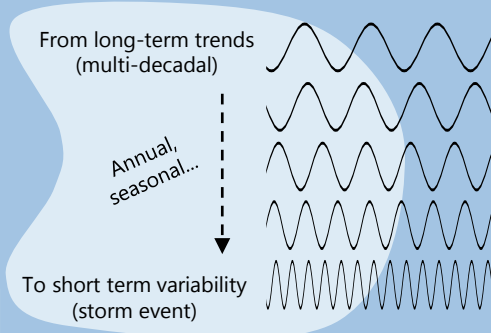
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A standardised set of coastal indicators with spatio-temporal adaptation to the needs of coastal managers

Coastal erosion occurs on the submerged coast (e.g., shoreline retreat), but also on the nearshore bottom (deepening of the bathymetry).

This manifestation of coastal vulnerability can be observed in the long term (sediment depletion, inadequate coastal management, natural trend, progressive impacts linked to climate change), as well as in the short term (seasonal fluctuations, storm impacts).



Our objective is to identify, quantify, and alert on coastal erosion.

Invitation to participate

The community of end-users consists of organisations coming from the public sector i.e.: National Agencies, Regional Authorities, intermunicipal cooperation bodies, municipalities, coastal observatories, natural site managers and research centres.

If you learn about this project through this Newsletter, if your territory is part of the regions of interest identified, if you want to follow the progress, and if you are ready to integrate our dynamic of producer/end-user/local experts exchanges, do not hesitate to contact us! Our collaboration can take different forms:

- Guide us in our strategy to meet your specific expectations,
- Support us on the evaluation of results,
- Discuss a post-project service to ensure the continuity and updating of coastal surveillance, at the scale of your territory or the region in which it is located: spatial data is a great tool for pooling needs between municipalities!