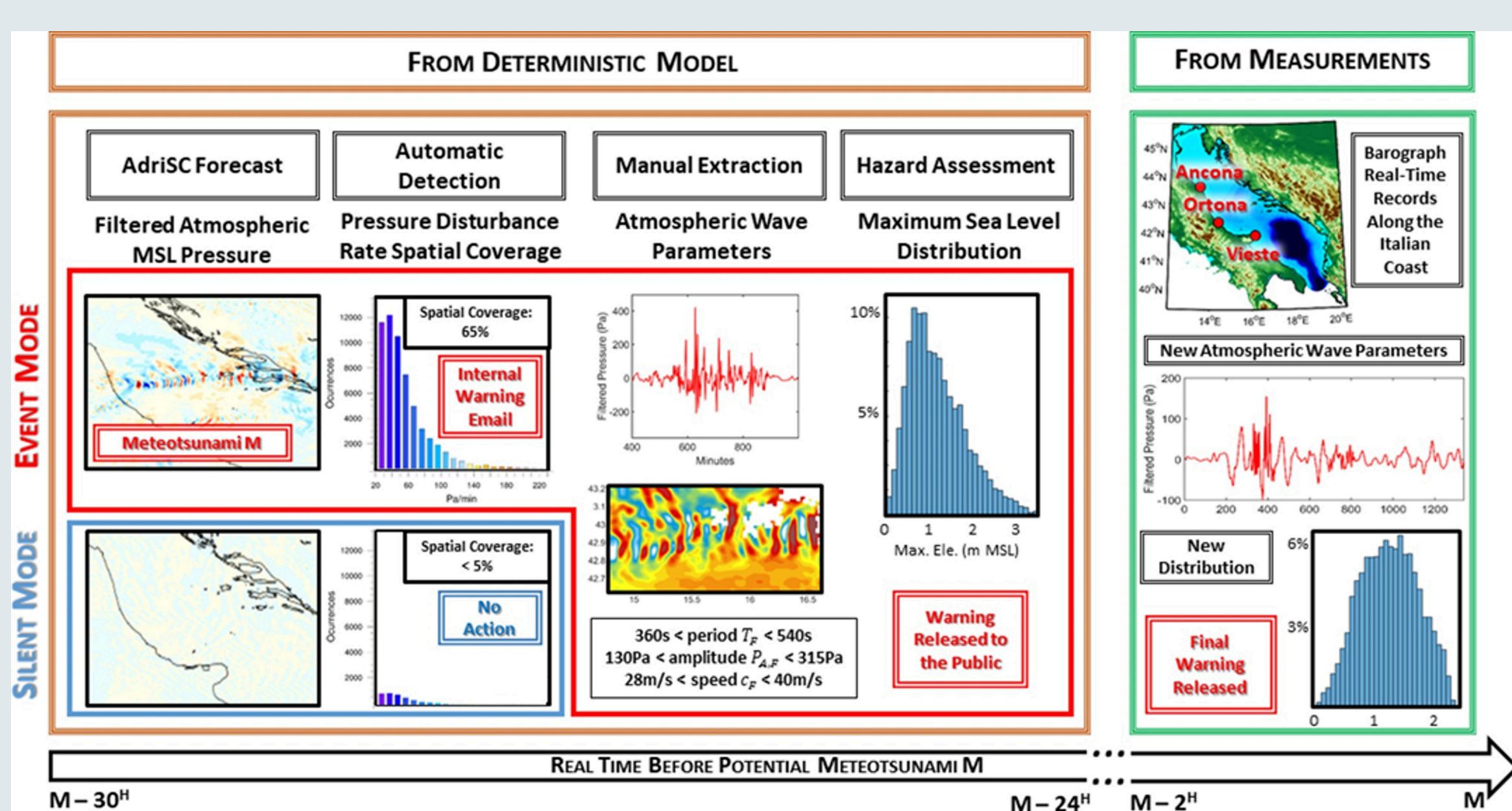
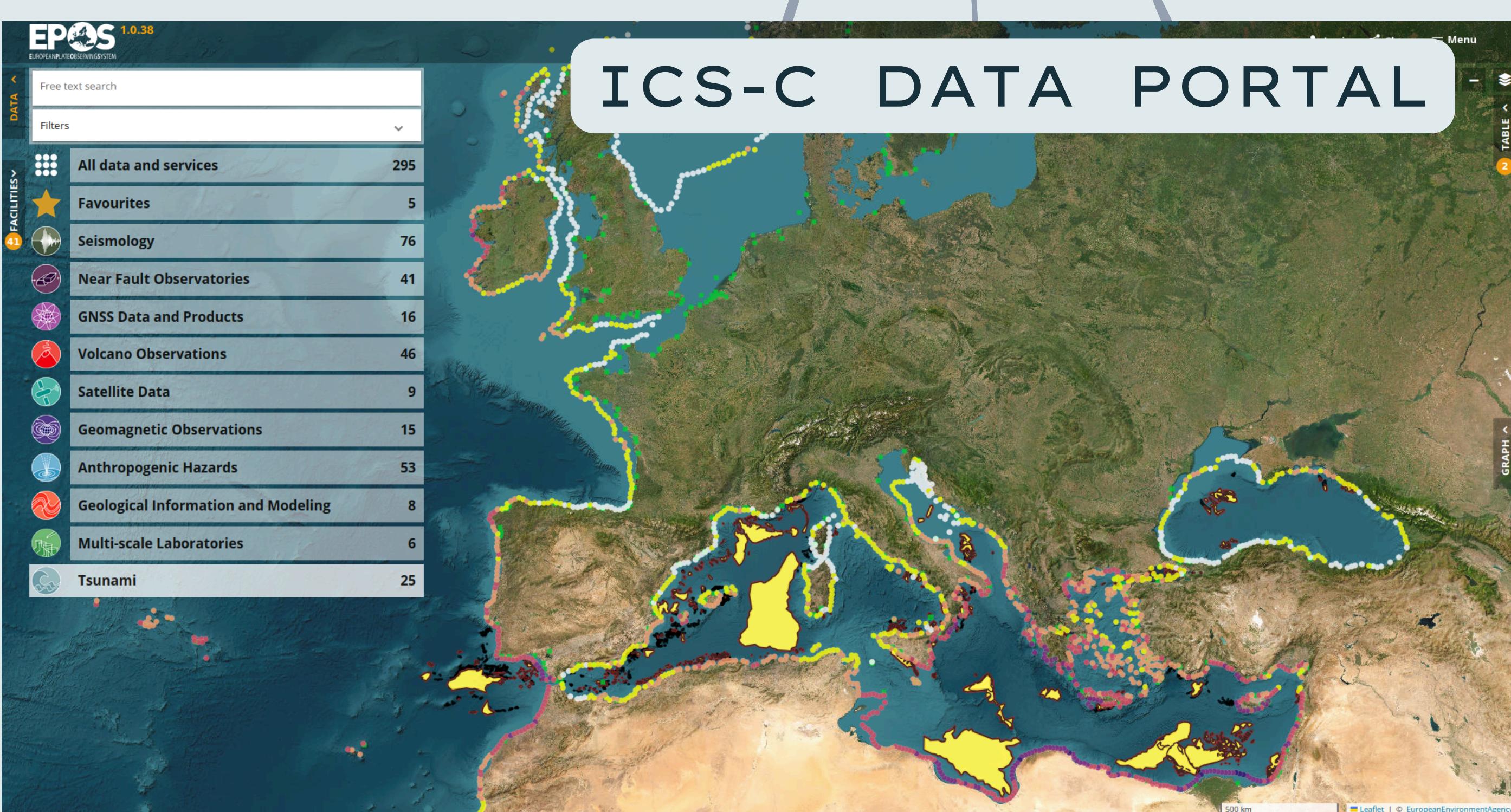




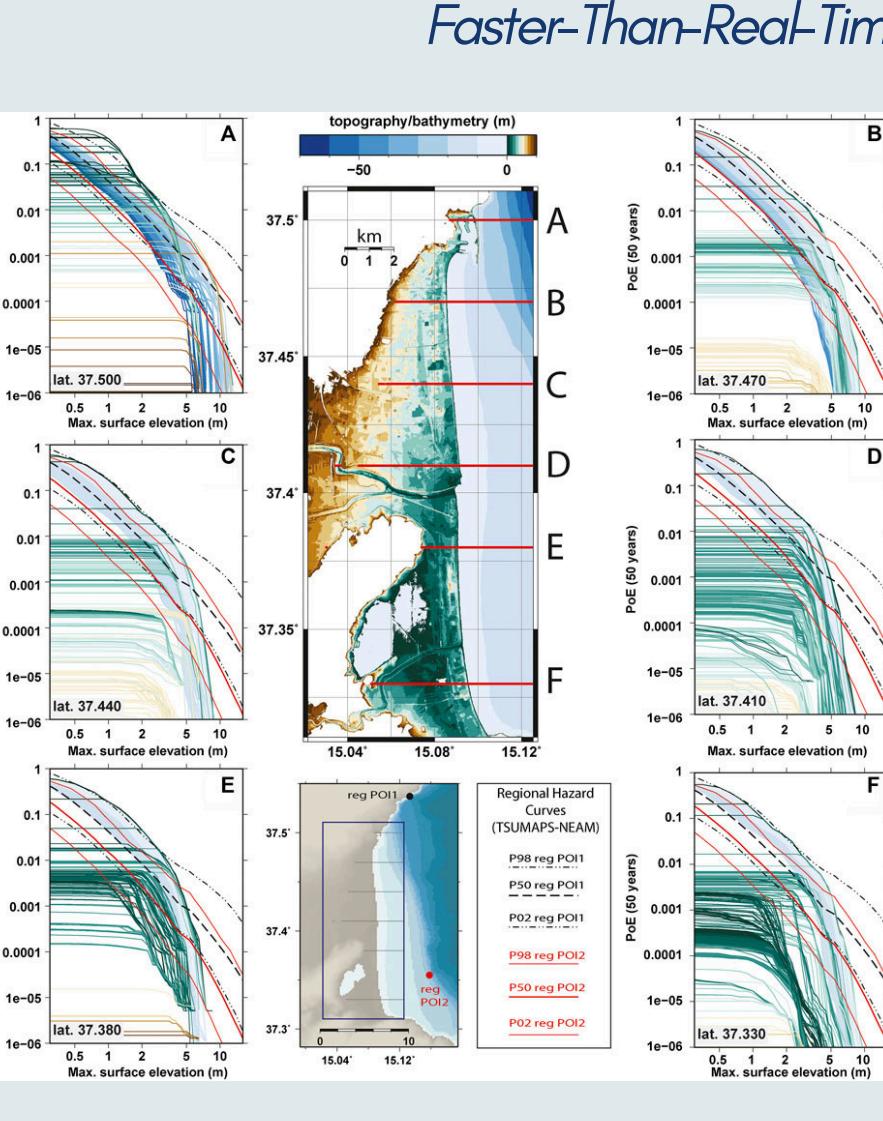
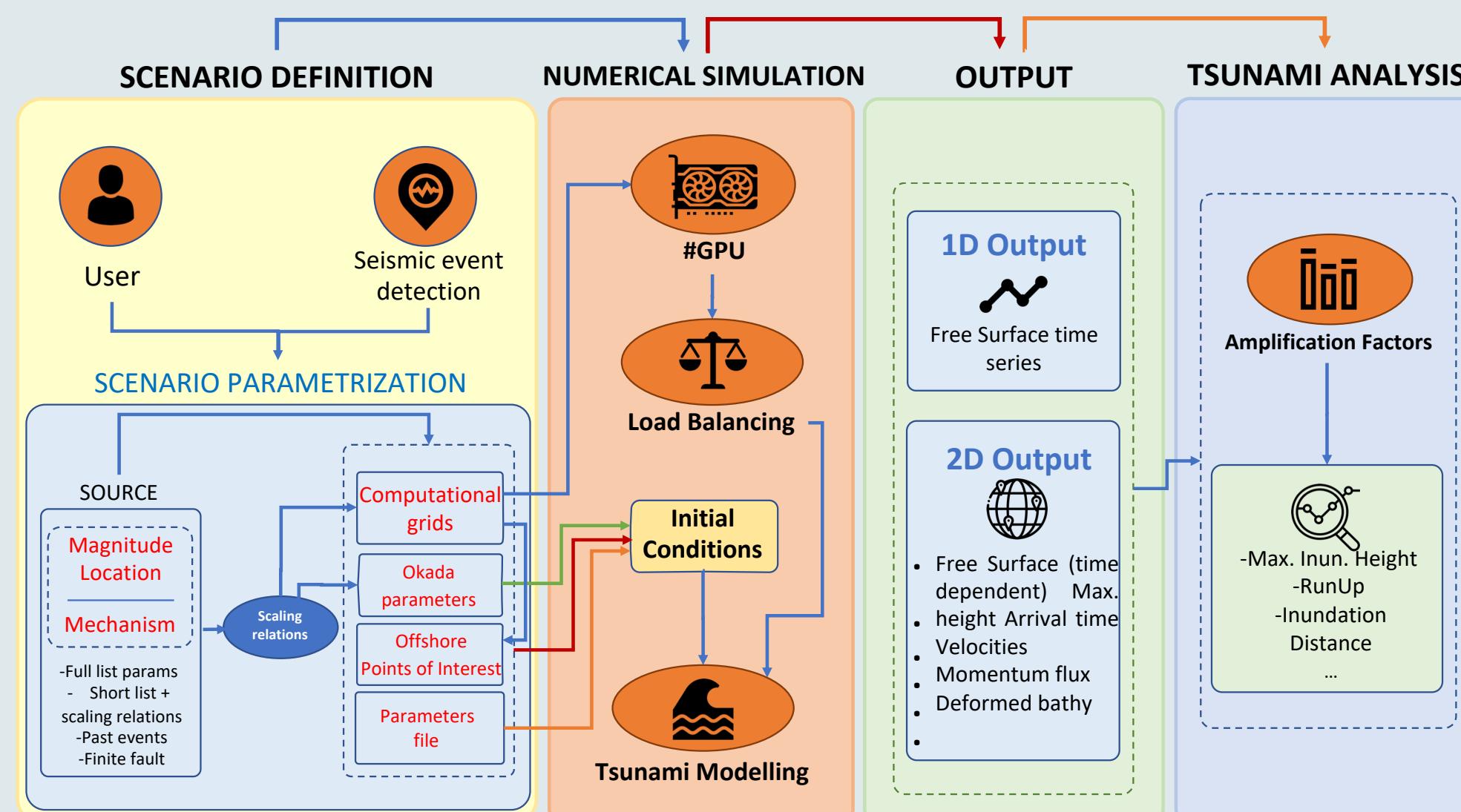
# TCS-TSUNAMI



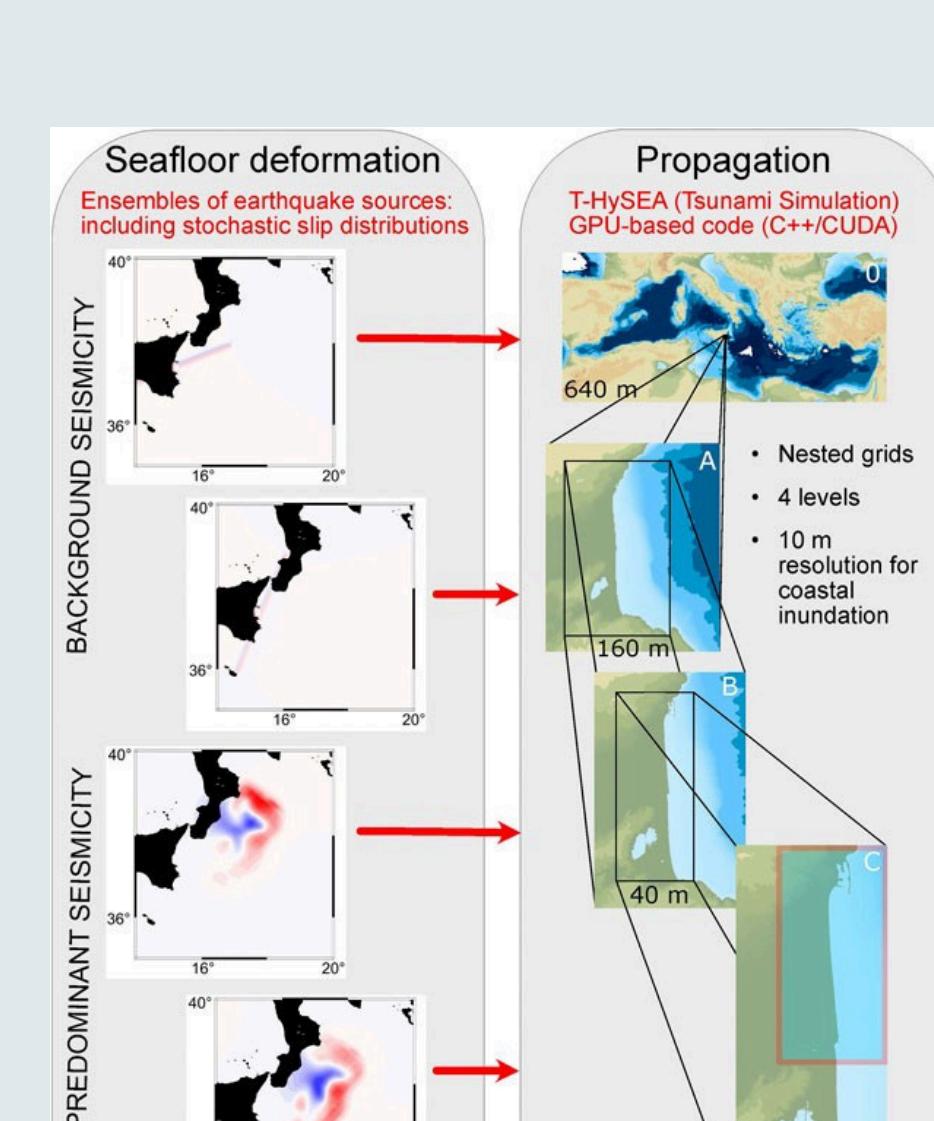
2021 United Nations Decade  
of Ocean Science  
for Sustainable Development



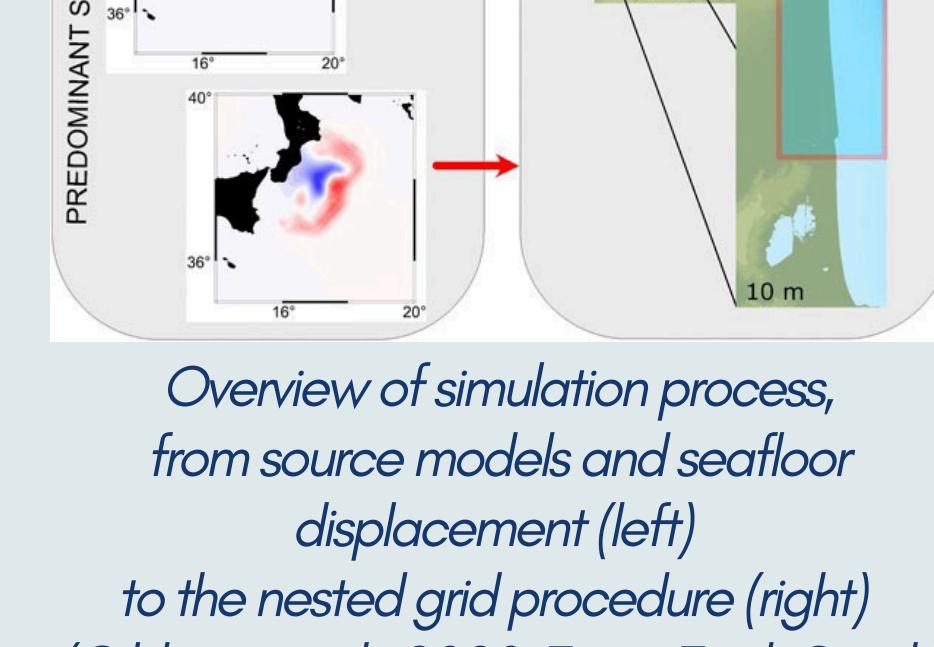
The Croatian Meteotsunami Early Warning System forecasts hazards by analyzing atmospheric pressure from models and measurements, issuing warnings and refining assessments with real-time data (AdrISC\_MTsurrrogate).



Probabilistic inundation hazard in the Catania plain from ensembles of high-resolution tsunami simulations (Gibbons et al., 2020, Front. Earth Sci.)



Inundation visualizations at different scales at and close to Catania, Sicily, for a single scenario HySEA simulation to display flow depth in relation to infrastructure and communication routes. (Gibbons et al., 2020, Front. Earth Sci.)



Overview of simulation process, from source models and seafloor displacement (left) to the nested grid procedure (right) (Gibbons et al., 2020, Front. Earth Sci.)



Home Organization TCS Tsunami Pillars Search ...

EPOS Tsunami Thematic Core Services  
Data for science and coastal hazard management

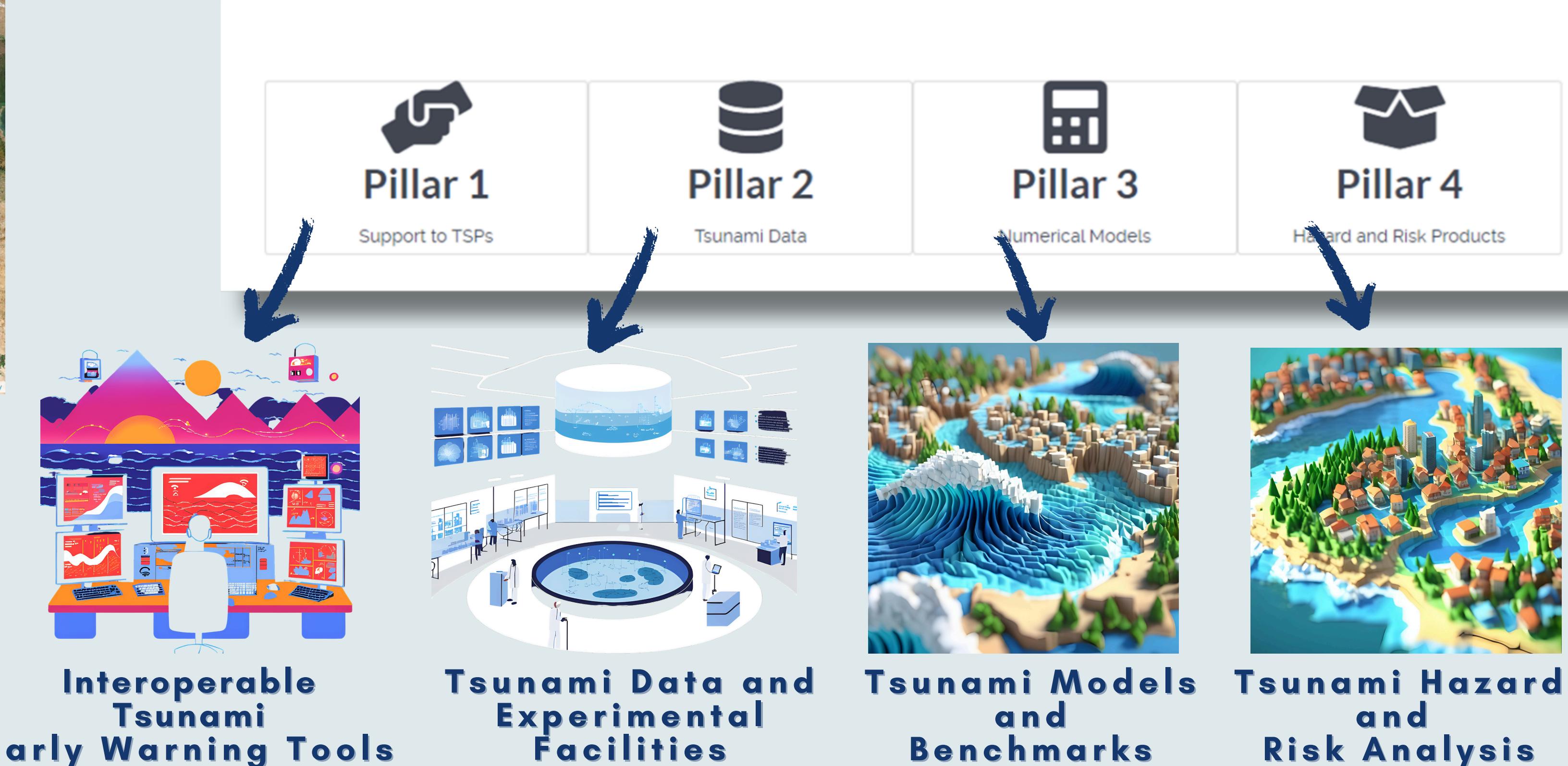
## TCS Tsunami

The TCS Tsunami is a network of organisations and community resources aimed at serving tsunami basic and applied research and to inform tsunami risk reduction in the North-eastern Atlantic, Mediterranean, and connected seas (NEAM) area. On the one hand, the Tsunami TCS is linked to the global tsunami community, and on the other hand, is meant to support and facilitate local efforts.

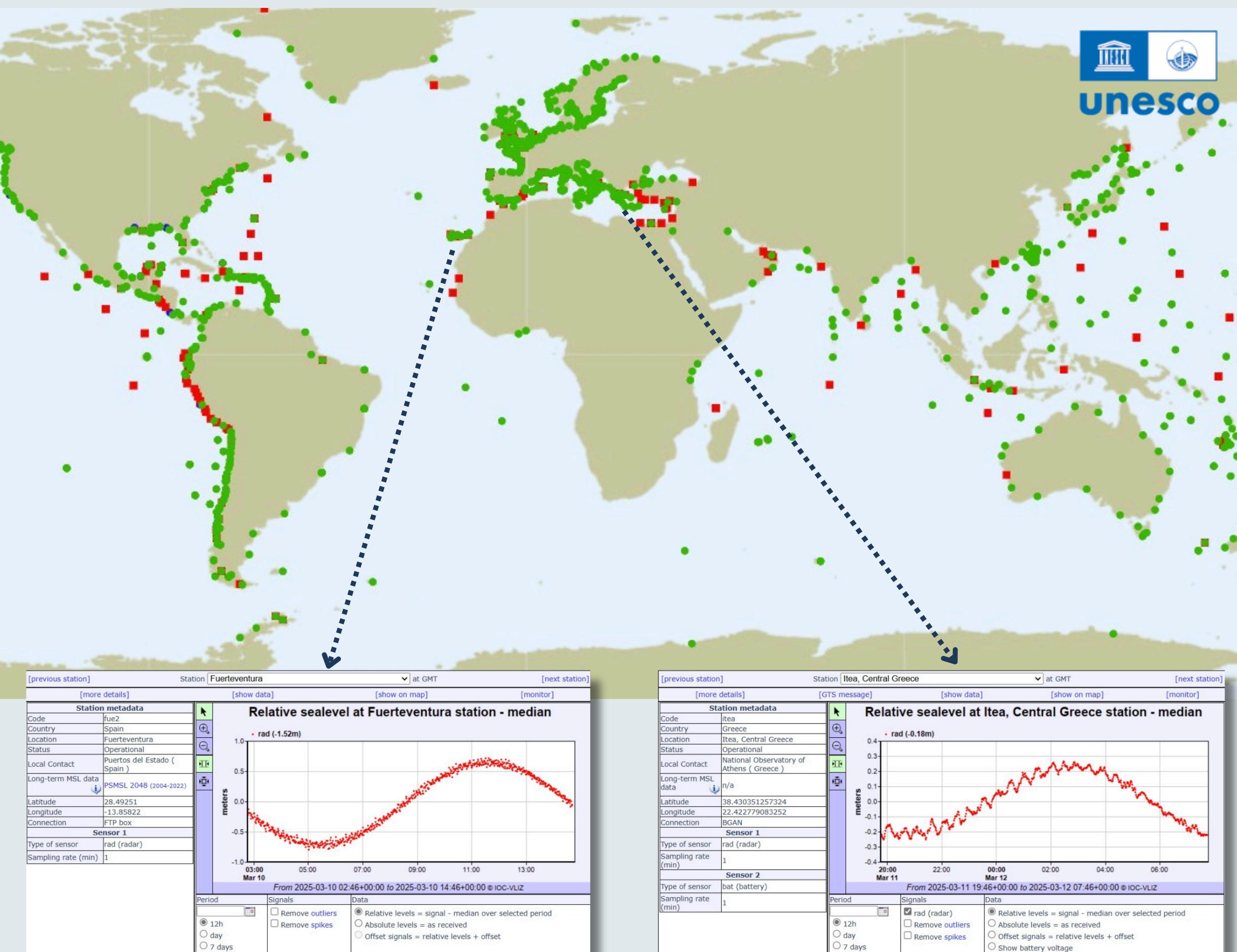
The overall objective of TCS Tsunami is to establish sustainable and harmonized services for Tsunami Science and for Tsunami Risk Reduction management. We aim at providing access to - and interaction with - data, products, software, workflows, and other services on a European level and beyond.



## COMMUNITY WEBSITE



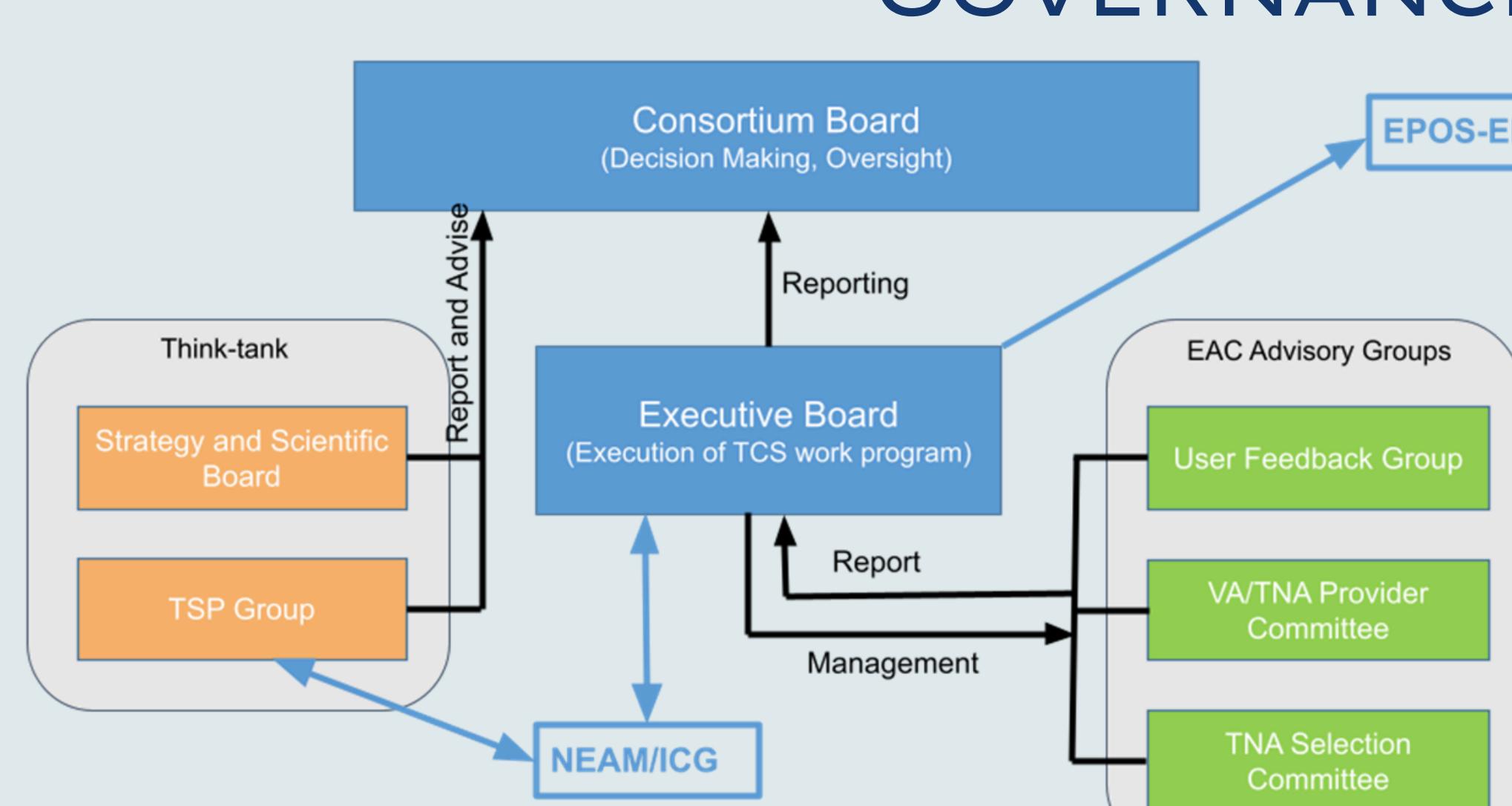
## SEA LEVEL STATION MONITORING FACILITY



SERVICES TO THE COMMUNITY

## EXECUTIVE BOARD & FUNCTIONS

Function in Executive Board	Name	Institution
TCS Chair	Marinos Charalampakis	NOA, Athens
TCS Coordinator	Andrey Babeyko	GFZ, Potsdam
TCS representative in SCC	Stefano Lorito	INGV, Rome
Pillar 1	Nikos Kalligeris	NOA, Athens
Pillar 2	Francisco Hernández	VLIZ, Oostende
Pillar 3	Jorge Macías Sánchez	UMA, Malaga
Pillar 4	Fatemeh Jalayer	UCL, London
TSP Group	Rachid Omira	IPMA, Lisbon
TCS contact for service provision	Beatriz Brizuela	INGV, Rome
TCS contact for IT issues	Roberto Vallone	INGV, Rome
TCS contact for ethics	Clea Denamir	RBI, Zagreb
TCS contact for communication and outreach	Didem Cambaz	KOERI, Istanbul



## GOVERNANCE

