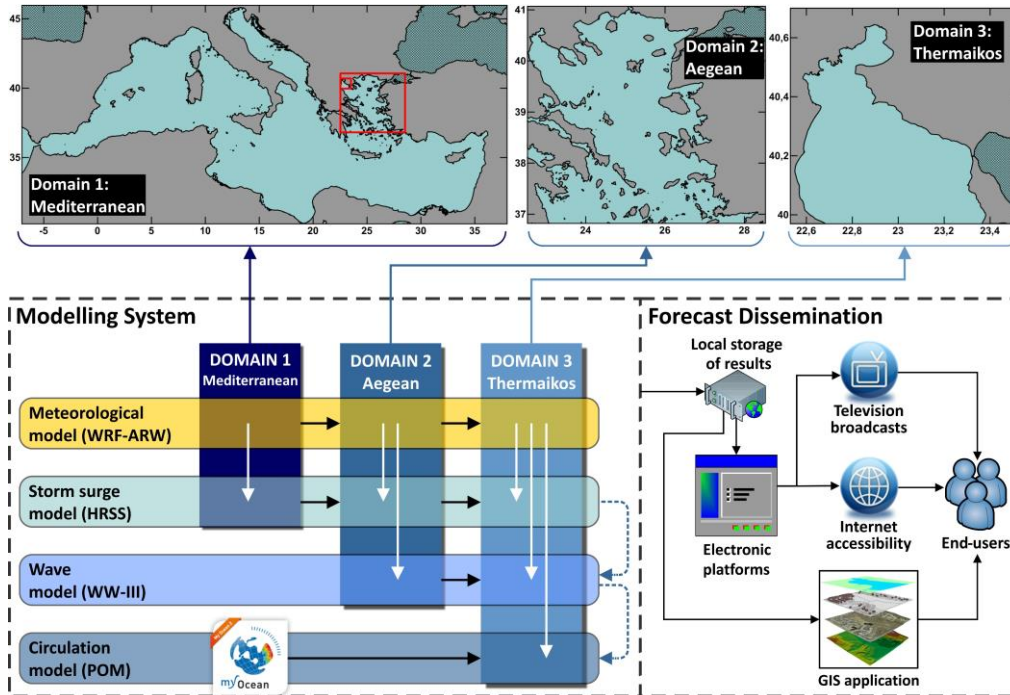
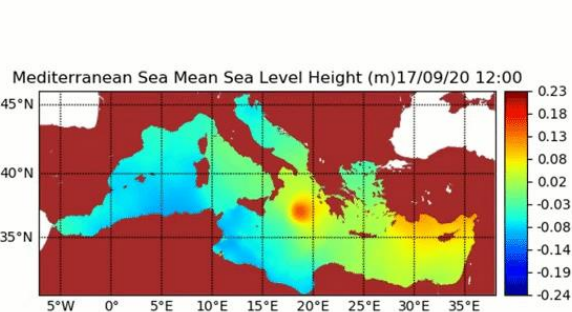


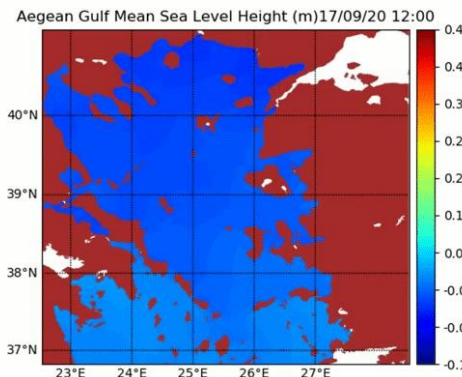
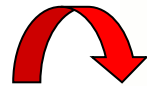
1. Operational Forecast System of Storm Surges



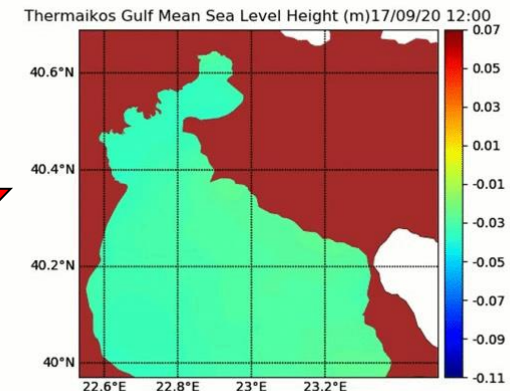
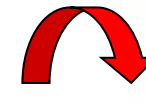
- Daily 3-day forecasts
- Forced by WRF-ARW operational models
- Downscaling → Regional Seas → Coastal Areas
- Sea level and Current output
- Nesting with coastal wave models
- Nesting with coastal flood models
- Provide forecasts
 - Webpages
 - TV broadcasts
 - Web GIS platform



Mediterranean Sea



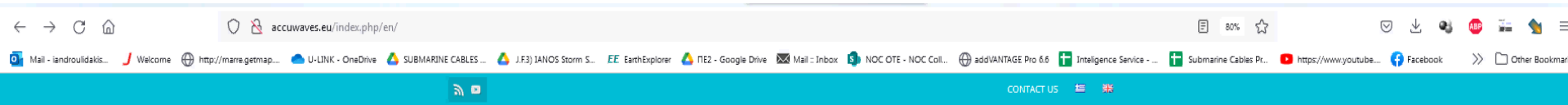
Aegean Sea



Thermaikos Gulf

Forecast dissemination

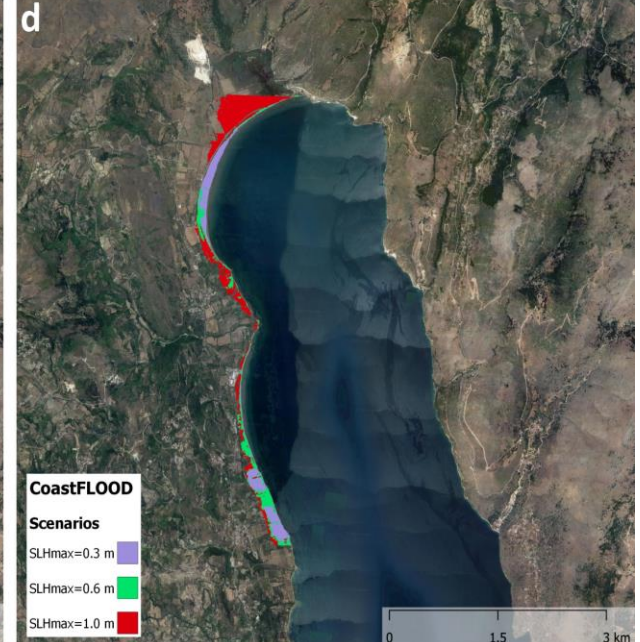
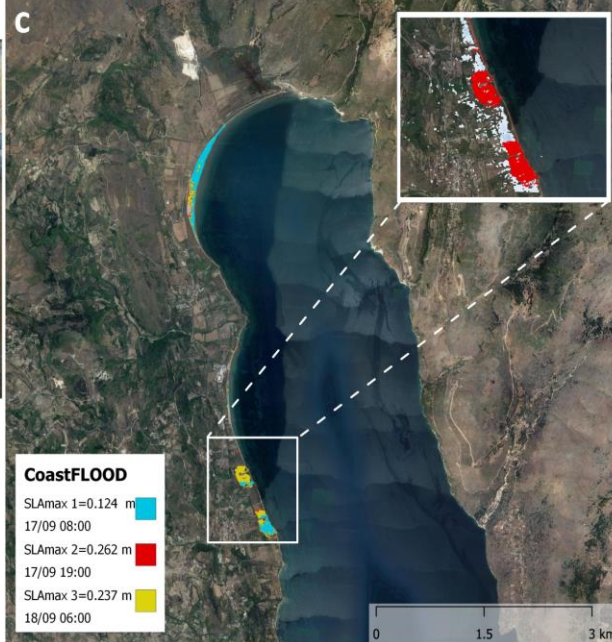
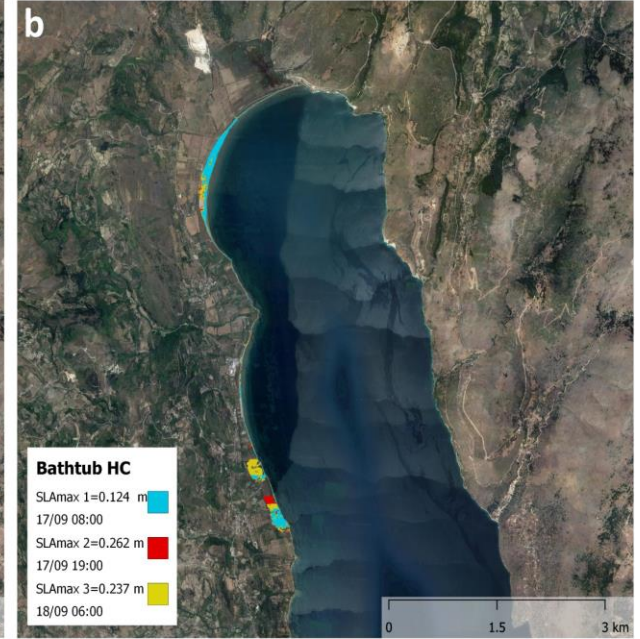
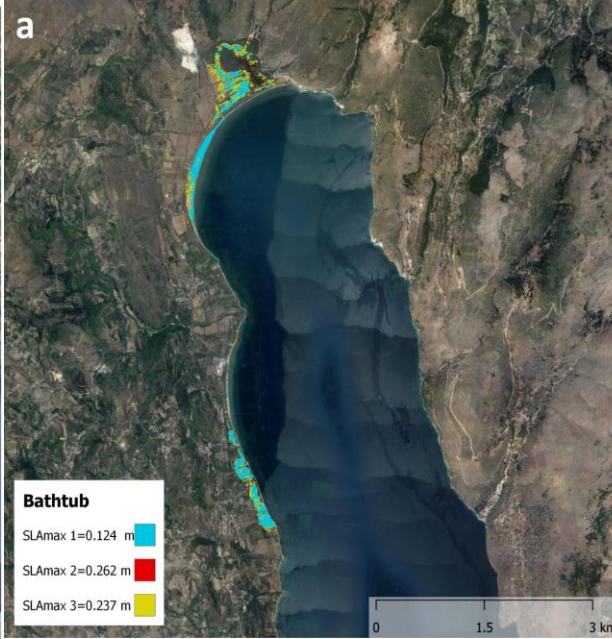
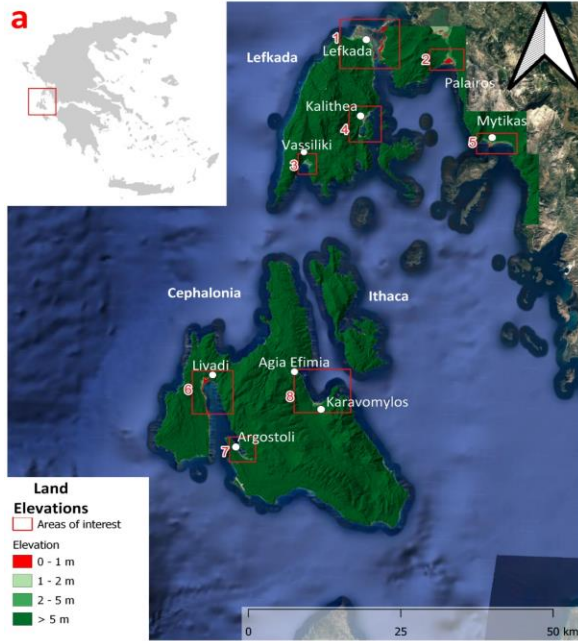
Daily 3-day forecasts at **10:30**



FORECAST DEMO ABOUT CONSORTIUM DELIVERABLES NEWS

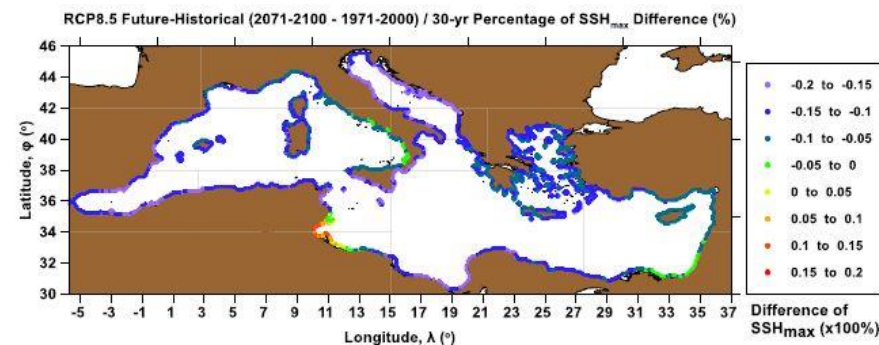
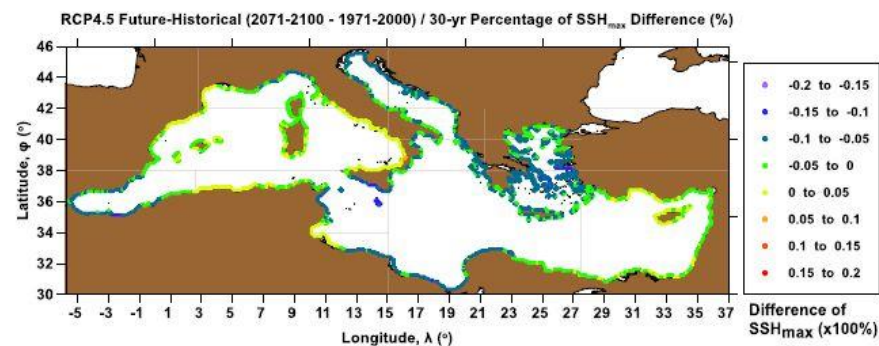
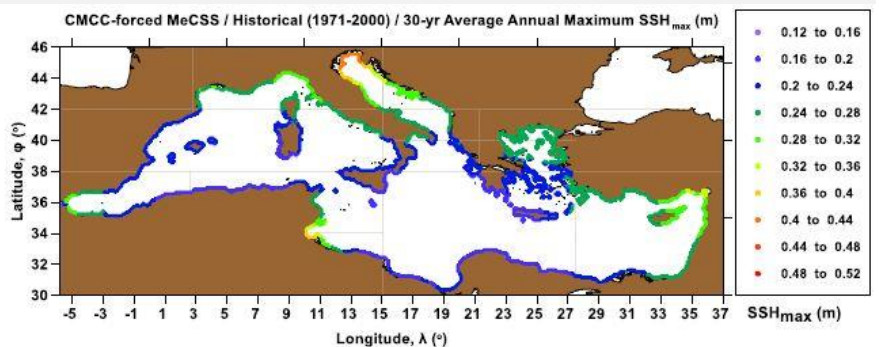


2. Nesting with coastal flood model & Coastal inundation



3. Climate Change Effects on Mediterranean Storm Surges

**30yr SSH_{max} 1971-2000
 & Differences Future – Reference**



**30yr Correlation of Deep Depressions SLP_{min} to SSH_{max}
 1971-2000 & Differences Future – Reference**

