

RIVIERADE

Kick-off meeting

Trieste 16-18 Feb 2026

PARTNER INTRO



Caroline Ulses for the CNRS-LEGOS partner



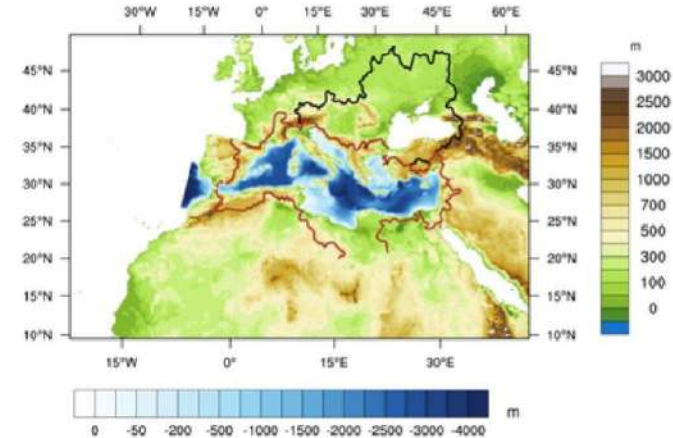
This project has received funding from Horizon Europe RIA under Grant Number 101181983

Partner Team



- Admin partner : CNRS+UT → Science partner : CNRS-LEGOS
- 3 staff members : Claude Estournel, Patrick Marsaleix, Caroline Ulses
- 1 postdoc to-be-hired

- Models : ocean circulation SYMPHONIE (Marsaleix et al., 2008), biogeochemical model Eco3MS (Ulses et al., 2016)
- Past scientific focus in the Mediterranean Sea: Water Formation (Estournel et al., 2016; Ulses et al., 2005) and its impact on biogeochemical processes (Kessouri et al., 2017; 2018; Ulses et al., 2016; 2021; 2023, Habib et al., 2023), Marine Heatwaves (Estournel et al., 2025), Surface circulation (Estournel et al., 2021), shelf BGC processes (Many et al., 2021), collaborations with high trophic levels team (Moullec et al., 2019ab; 2023)
- Involved in the Med-CORDEX program
- Involved in the national RioMar project (downscaled climate scenarios anticipating changes in French coastal zones under the influence of rivers)
- Involved in the French national service SIROCCO and Research Infrastructure ILICO





CNRS-LEGOS Contributions to WPs

- WP2 (small contribution)
Link with WP6
- WP5 (main contribution)
 - T5.1 Definition of simulation and calculation protocols for biogeochemical models and for extreme water total level models
 - T5.2 Model development and validation
 - T5.3 Production of the high-resolution, multi-model, multi-sea grand ensemble of multi-decadal projections and of selected decadal predictions
 - T5.4 Assessment of climate change impact on target seas biogeochemistry
- WP6 (lead of T6.2)
 - T 6.1 Development and production of basin scale indicators for ocean status, health, sustainable blue economy, and coastal risks
 - T6.2 Assessment and release of basin scale indicators

RIVIERADE Partners

