

ART1 : Interfaces and Ocean, atmosphere, continent interactions

Leaders: Patrick Raimbault - sites: Rhône, Berre, Frioul

- Quantification of Rhone River and atmospheric inputs to the sea
- Long term survey of the hydrological characteristics of the Etang de Berre during restoration

Supporting programs: MOOSE (SNO-SOERE) – OSR - DCE – Agence de l'Eau, projet RIMMEL – GIPREB

ART3 : Coast to offshore gradients

Leader Dominique Lefèvre - sites : Antares, Meust, Radars, navires d'opportunité

- Integrated Observing Systems and multidisciplinary strategy for the water mass survey, thermohaline circulation and organic matter fluxes in the North Occidental Mediterranean Sea, use of ferries as platforms for trans-Mediterranean transects.

Supporting programs: SOERE MOOSE, FixO3, EMSO, partnerships CIESM, TRANSMED, MedOS



ART5 : Développements Technologiques et base de données adaptés à l'observation

leaders: Christian Grenz - Patrick Raimbault

- all sites (High frequency measurements, moorings, autonomous vehicles, probes, strategies,)
- Data base and online data access portal.

Supporting programs: SOMLIT, MOOSE, Coriolis Côtier, UE Program MedOS

ART2 : Coastal and lagoon systems

Leaders Christian Grenz - Thierry Thibaut - sites : Bay of Marseille, Toulon and Corsica

- Systematic observation of core parameters (hydroclimatics, chemicals and biology) in response to climatic and anthropogenic drivers, in coordination with national programs,
- Contaminant Survey in the near and far influence fields of big cities including airborne products, pH/pCO2 and the diffusion of UV in the sub-surface layers of the sea,
- Dynamics of the pelagic (plankton) and benthic ecosystems (benthic flora and fauna and fish communities)

Supporting programs: SOMLIT, SUNMEX, OBS-HF, MEDPOP and AMC - Labex OT-Med, MEDOS, DCSMM, upcoming Eolien project offshore Gulf of Fos

ART 4 : Overseas Observations

Leader Isabelle Biégala - sites : SPOT, MOISE and Tunisia

- Variability of biogeochemical characteristics in tropical lagoons
- Pelagic community Observation Station in the Pacific Ocean
- Extension to the Southern Mediterranean countries in the frame of LIM COSYS-Med (INSTM)