

OT-Med member laboratories	Scientific field
European Centre for Research and Education in Environmental Geosciences (CEREGE) 	Terrestrial and marine geosciences: (paleo) climatology, geomorphology, seismic risk, hydro(geo)logy
Continental Ecosystems and Environmental Risks (ECCOREV) 	All environmental fields
Research Group in Quantitative Economics of Aix-Marseille (GREQAM) 	Environmental economics
Mediterranean Institute of Oceanography (MIO) 	Marine science: physics, biogeochemistry, biology, ecology, resources
Mediterranean Institute of marine and terrestrial Biodiversity and Ecology (IMBE) 	Ecology, terrestrial and marine biodiversity, ecosystem services, paleoecology
Comparative public law, international law and European law (DPCDIDE), CERIC team 	International law, environmental law
Ecology of Mediterranean Forest (URFM) 	Functional and evolutionary dynamics of Mediterranean forests
Study of the structures, processes of adaption and changes of space (UMR ESPACE) 	Geography, history, psychology
Risks, Ecosystems, Vulnerability, Environment, Resilience (RECOVER) 	Risks, forests, hydrology
Ecodevelopment (ECODEV) 	Economy, agronomy
Laboratory Population Environment Development (LPED) 	Ecology, sociology, demography, anthropology, geography



LABORATORY OF EXCELLENCE OT-MED OBJECTIVA TERRA – MEDITERRANEUM





OUR MISSION

The main objective of the Laboratory of Excellence (Labex) OT-Med is to promote interdisciplinary research (natural and social sciences) on global change and natural hazards in the Mediterranean basin and the semi-arid regions of Sahel at an international level. Another objective is to elaborate and gather data, models and technologies to help stakeholders for the establishment of public policies in their environmental efforts, and to transfer our knowledge to a large public.

ABOUT US

OT-Med is a laureate of call of the French Program "Investments for the Future". Launched in 2012 in the A*MIDEX framework, the Labex is based in Aix-en-Provence, in the heart of a real innovation ecosystem, prone to scientific exchanges: Technopôle de l'Environnement Arbois-Méditerranée (<http://www.arbois-med.com>). OT-Med gathers numerous internationally renowned researchers. Its teams cover various environmental sciences, from natural to human and social sciences. Labex teams have at their disposal sophisticated equipment for geochemical and geophysical measurements and ecological monitoring (Equipex ASTER-CEREGE, marine and terrestrial observatories, greenhouse gases observatory...).

Budget : 7 M€ (2012-2019)

OUR ACTIONS

Our functioning consists in (co-)funding PhD and postdoctoral fellowships as well as interdisciplinary research projects. We also promote knowledge sharing through an exchange system for our researchers and students with foreign laboratories, inviting internationally renowned researchers, organising summer schools and conferences. Training is an important part of our activity, especially with summer schools and fellowships, field schools, with a focus on integrating students from the southern Mediterranean countries within our Masters and PhD courses.



SCIENTIFIC WORK PACKAGES (WPs)

WP1: Climate change and natural hazards in the Mediterranean (landslides, coastline changes,...) on various time scales.

WP leaders: Lucilla Benedetti (CEREGE),
France Van Wambeke (MIO).



WP2: Impact of climate and anthropogenic changes on Mediterranean ecosystems and on the services they provide, with a focus on biodiversity, soils, agriculture, forestry, marine ecosystems and trophic webs.

WP leaders: Wolfgang Cramer (IMBE),
Alexander Ereskovsky (IMBE).

WP3: Human-environment interactions: perception, adaptation and mitigation; functioning of international governance on climate and biodiversity.

WP leaders: Olivier Chanel (GREQAM),
Sylvie Thoron (associated researcher GREQAM).



Transversal WP1: Integration of databases issued from observation systems and associated research, impact of global change on large Mediterranean cities.

WP leaders: Hubert Mazurek (LPED),
Thomas Curt (IRSTEA).

Transversal WP2: Integrated modelling of Mediterranean systems: from climate to society through continental and marine ecosystems.

WP leaders: Alberte Bondeau (IMBE),
Melika Baklouti (MIO).

