



Laboratoire d'Excellence OT-Med Objectif Terre : Bassin Méditerranéen

Scientific Event

Friday November 10th, 2017 - 09:30 – 17:00

It will take place at : FORUM
Technopôle de l'Environnement Arbois-Méditerranée
Domaine du petit Arbois
Avenue Louis Philibert - 13545 Aix en Provence

09:00 - 09:30 Welcome coffee

09:30 - 9:45 Introduction, *Joel Guiot (CEREGE)*

09:45 - 11:30 OT-Med postdoctoral fellows research results presentations

9:45 - 10:00 Understanding the effects of groundwater discharge on coastal lagoon ecosystems (ECO_medLOC), *Valenti Rodellas (CEREGE)*

10:00 - 10:15 A Mediterranean pyrogeography - modelling fire activity in Mediterranean areas (PYROMED), *Julien Ruffault (CEREGE, IRSTEA)*

10:15 - 10:30 Scenarios of land use change and food availability in the Mediterranean Region (LaSeR-Med), *Leonith Hinojosa Valencia (INRA)*

10:30 - 10:45 Dynamics of heterotrophic microorganisms determined by in situ automated flow cytometry (DHEMISA), *Tina Silovic (MIO)*

10:45 - 11:00 Socio-Ecological Indicators for Mediterranean Agro-ecosystem Sustainability (SEI-Med), *Valérie Coudrain (IMBE)*

11:00 - 11:15 Recent hydrological variability of the Moroccan Middle-Atlas Mountains inferred from micro-scale sedimentological and geochemical analyses of lake sediments, *Guillaume Jouve (CEREGE)*

11:15 - 11:30 Seismic hazards characterization and mitigation (RISKMED), *Eugénie Perouse (CEREGE)*

11:30 - 12:10 New OT-Med fellows : quick presentation of their CV and OT- Med project

11:30 - 11:40 Marine submersion risk perception in Provence-Alpes-Côtes d'Azur Region, (RISKMED), *Pierre Dias (ESPACE)*

11:40 - 11:50 Action and retroaction between climate and soil (CLIMSOIL), *Antra Boca (ESPACE)*

11:50 - 12 :00 Origin and congruence of taxonomic, phylogenetic, functional and paleoecological diversity patterns: the model of European-Mediterranean woody plant biodiversity (WOODIV), *Anne-Christine Monnet (IMBE)*

12:00 - 12:10 Mesoscale Modeling of Atmospheric CO₂ in the Aix-Marseille Urbanized Region (France) and the Coastal Mediterranean Sea Area (AMC), *Brian Nathan(MIO)*

12:10 - 12:30 General discussion

Lunch

14:00 - 17:00 Three parallel workshops on the synthesis scientific articles resulting from OT-Med (continuation of work done during the last OT-Med Progress Meeting in April 2017)

- « Adaptation of species and ecosystems to global change » *Bruno Fady (INRA URFM), Anne Chenuil (IMBE), Didier Aurelle (IMBE), Alexander Ereskovsky (IMBE)*
- « Hydro-climatic variability in semi-arid areas » *Laurence Vidal (CEREGE), Florence Sylvestre (CEREGE)*
- « Extreme events in the Mediterranean region: an interdisciplinary perspective » *Thomas Curt (IRSTEA), Lucilla Benedetti (CEREGE)*