

3rd



Progress meeting

6th – 8th January 2016, Aix-en-Provence (La Baume-les-Aix)

13.30-14.00 *Welcome coffee*

Afternoon session

14.00-15.00 *Mid-term report of OT-Med, Joël Guiot (OT-Med, CEREGE)*

15.00-16.00 *WP1: Understanding and evaluating Mediterranean climatic changes and natural hazards*

- Introduction by Olivier Bellier (CEREGE) and France Van Wambeke (MIO)
- **Multiproxy assessment of Holocene relative sea-level changes in the Mediterranean: improvements in the definition of the isostatic signal and new insights on the postindustrial acceleration of Mediterranean sea level rise**, Matteo Vacchi (CEREGE)
- **Role of atmospheric input on the stoichiometry and degradability of dissolved organic matter in the Mediterranean Sea**, Kahina Djaoudi (MIO)
- **Remineralization of Organic particles in presence of Ballast mINerals (ROBIN)**, Virgine Riou (MIO)

16.00-16.30 *Coffee break*

16.30-17.40 *WP2: Impact of climate and anthropogenic changes on Mediterranean ecosystems and services they provide*

- Introduction by Wolfgang Cramer (IMBE) and Alexander Ereskovsky (IMBE)
- **Benefits of conservation tillage for rainfed Mediterranean agriculture**, Simon Decock (IMBE)
- **Understanding ecological functioning of coralligenous habitats, and building new indicators based on genetic tools to assess their GES (good environmental status)**, Aurelien de Jode (IMBE)
- **The year 2003 as a precursor for a new type of large fires in Mediterranean France**, Julien Ruffault (IRSTEA, CEREGE)
- **Integrating farm-level socio-economic indicators and ecosystem services into the LPJmL model**, Stefano Targetti (OT-Med, IMÉRA)

17.40-18.00 *OT-MedNet : collaboration between OT-Med and the Mediterranean network of environmental training sites supporting OSU Institut Pytheas MASTERS' degrees*, Franck Torre (IMBE)

19.00-20.00 *Welcome drink*

20.00-21.00 *Dinner*

21.00 *Bar*

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Morning session

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9.00-10.00 **WP3: Human-environmental interaction: perception, adaptation and mitigation**

- Introduction by Olivier Chanel (GREQAM) and Sylvie Thoron (UPEC)
- **Modeling past vulnerability to Mediterranean climate change: The AMENOPHYS project for dynamically coupling behavioral, erosion, and agroecosystem models under variable climatic conditions**, Daniel Contreras (IMBE, GREQAM)
- **An exploratory study on climate change distress and subjective well being in Indian and French coastal cities**, postdoctoral project of Ruchi Mudaliar, Alexandra Lindenmann (ESPACE)
- **Assessment of susceptibility to seismic risk in Turkey**, Samuel Robert (ESPACE)

10.00-10.45 **TWP2: Toward an integrated modeling of the Mediterranean systems**

- Integrated modelling by Alberte Bondeau (IMBE) and Melika Baklouti (MIO)
- **A longer-term vision on integrated modelling of the Mediterranean human-environment relationship**, Wolfgang Cramer (IMBE)

10.45-11.15 **Coffee break**

11.15-12.00 **TWP1: The observation systems and databases**

- Introduction by Thomas Curt (IRSTEA), Hubert Mazurek (LPED)
- **Group of Regional Experts on Climate of the PACA region, France (GREC-PACA)**, Joël Guiot (OT-Med, CEREGE)
- **MC3: A Mediterranean Network for Urbanism and Environment**, Hubert Mazurek (LPED)
- **OT-Med data catalog**, Romain Suarez (OT-Med)

12.00-13.00 **Outreach and transfer of knowledge**

- **Communication to secondary schools**, Sophie Pekar (OT-Med)
- **Communication of science to general public**, Katarzyna Marini (OT-Med)
- **MedECC: Towards an improved scientific assessment of climate change and its impacts in the Mediterranean Basin**, Wolfgang Cramer (IMBE) and Joël Guiot (OT-Med, CEREGE)

13.00-14.15 **Lunch**

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Afternoon session

14.15-15.15 *Invited talk « Warming and acidification of the Mediterranean Sea »,*
Jean-Pierre Gattuso (Observatoire Océanologique de Villefranche sur Mer)

15.15-18.15 *Future directions – discussion about projects retained by the WPs :*

16.00-16.15 *Coffee break*

- **Aix-Marseille Metropolis Observatory for CO₂**, Dominique Lefèvre (MIO)
- **Natural risks in the Mediterranean: hazard, vulnerability, perception and management (RISK MED)**, Samuel Robert, Alexandra Schleyer-Lindenmann & Rachel Bertoldo (ESPACE); Lucilla Benedetti, Laurence Vidal & Olivier Bellier (CEREGE); Laurent Peyras & Stéphane Bonelli (IRSTEA); Hubert Mazurek (LPED) ; WP3, WP1
- **Response of Mediterranean mineralising plankton community structures and ballasting effect to climate forcing (MedinClim)**, Christian Tamburini (MIO); Luc Beaufort (CEREGE), Involved researchers : Karine Leblanc, Stéphanie Jacquet, Elvira Pulido-Villena, Christos Panagiotopoulos (MIO); Kazuyo Tachikawa, Thibault De Garidel-Thoron (CEREGE) ; WP1, WP2
- **Do we live on polluted coasts ?** Olivier Radakovitch (CEREGE) ; WP1, WP2
- **French Mediterranean FOREst functioning in changing environments: how will Climate Change Affect the suSTainable provision of biomass and other ecosystem services? (FORECCAST)**, Philip Roche (IRSTEA) + CEREGE, GREDEG, IMBE, INRA ; WP2
- **Soil changes driven by climate change at the global and Mediterranean scale**, Sophie Cornu (GSE, CEREGE), Joël Guiot (CEREGE), Alberte Bondeau (IMBE) ; WP2
- **Building an urban biodiversity index to follow global biodiversity change in urbanized area: a support for management and long term surveys**, Magali Deschamps-Cottin (LPED) and Bruno VILA (IMBE) ; WP2
- **Spatial and temporal adaptations of a traditional Mediterranean fishery facing Regional Change: combining history and ecology to study past, present and future of sponge harvesting**, Thierry Pérez (IMBE), Daniel Faget (TELEMME) ; WP2 and WP3
- **Towards an integrated prediction of Land & Sea Responses to global change in the Mediterranean Basin**, Alberte Bondeau (IMBE), Melika Baklouti (MIO) ; TWP2
- **General discussion**

20.00

Dinner

21.00

Bar



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Progress meeting

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Morning session

9.00-10.00 **Invited talk « La doxa des négociations sur le climat en perspective : une remise en cause du cosmopolitisme »**, Philippe le Prestre (Univ. Laval, Quebec)

10.00-10.15 **Coffee break**

10.15-12.00 **Three parallel sessions:**

- Meeting of international scientific council (ISC) (*“Matisse” room*)
- Meeting of the PhD students, postdoctoral fellows and OT-Med engineers (*“Mistral” room*)
- Presentation of new OT-Med candidate member Forêt Méditerranéenne de l'INRA-Avignon (URFM); Discussion on the future Mediterranean Earth Institute (open to all the participants) (*Plenary room*)

12.00-13.00 **Final discussion, report by the ISC president**

13.00-14.00 **Lunch**

14.00 **End of the meeting**

