

MERMEX

MISTRALS

MERMEX
WORKSHOP
APRIL 7-10, 2015

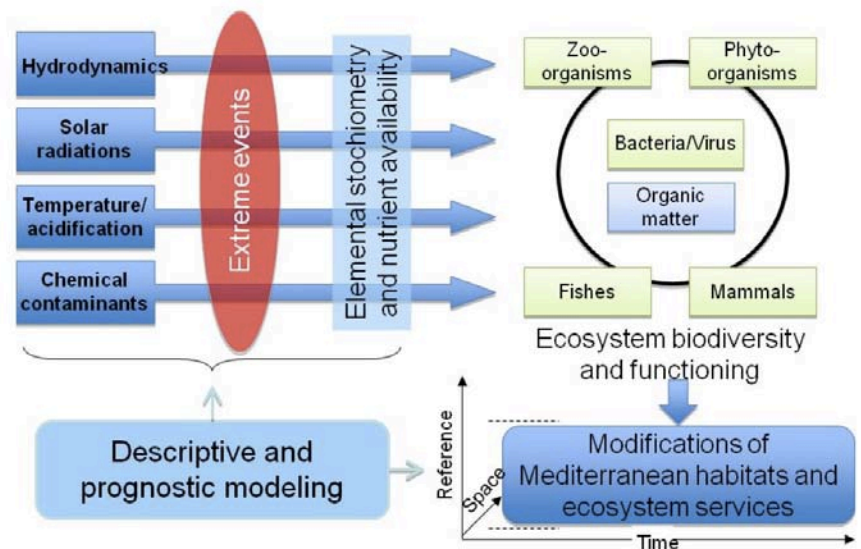
Participants

CEFREM (Perpignan)
CEREGE (Aix-en-Provence)
EMMAH (Avignon)
EPOC (Bordeaux)
GM (Montpellier)
GREQAM (Marseille)
IRSN (La Seyne/mer)
LA (Toulouse)
LAMETA (Montpellier)
LBCM (Nantes, Toulon)
LBCO (Nantes)
LDCM (Brest)
LER-PAC (La Seyne/mer)
LISA (Créteil)
LOCEAN (Paris)
LOG (Lille)
LOMIC (Banyuls/mer)
LOV (Villefranche/mer)
LPHS (Brest)
LHM (Sète)
LSCE (Gif/Yvette)
MARBEC (Montpellier, Sète)
MIO (Marseille)
PROTEE (Toulon)
SBR (Roscoff)
SPE (Corte)

Algeria, Croatia, Greece, Italy,
Lebanon, Morocco, Spain, Tunisia,

Major associated projects

MISTRALS: Hymex & Charmex
FP7: Perseus, Medsea, Groom, Jerico,
Hermione, Schema, Nexos
ANR: Amped, Amorad, Costas,
Ecogely, Focea, Matugli, Melodie,
Ibiscus, Sam
MERCATOR-CORIOLIS : Simed-2
EC2CO : Massilia, Tucpa
SOERE: Moose
REGION: Commet, Prevent, Recif-
Prado
EQUIPEX : Naos
LABEX: OT-Med
FRB: Emibios



Workshop objectives

MERMEX aims at studying the response of Mediterranean ecosystems to climate change and anthropogenic pressures, and combines integrated observation / experimental / modeling approaches.

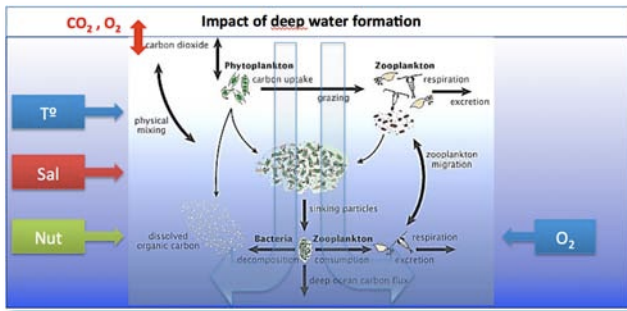
The two main objectives of this workshop is to present a report on the state of play of the implementation of the first phase of the project, which took place between 2010 and 2014, and to prepare the second phase of the project to meet its initial goals (*cf* white book published in Progress in Oceanography in 2011).

The second phase will build on the outcomes of the Mistrals symposium, to be held in the fourth quarter of 2015.

For more infos : <http://mERMEX.pytheas.univ-amu.fr/?p=1446>

International endorsement





Workpackage 1

P. Conan (LOMIC), P. Testor (LOCEAN), F. d'Ortenzio (LOV), C. Estournel (LA)

Aims at characterizing the effect of deep water formation on the spatial and temporal evolution of the biogenic elements and the functioning of the pelagic ecosystems.

Workpackage 2

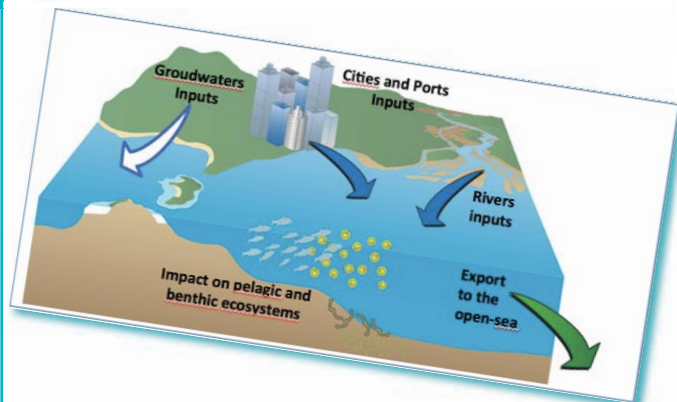
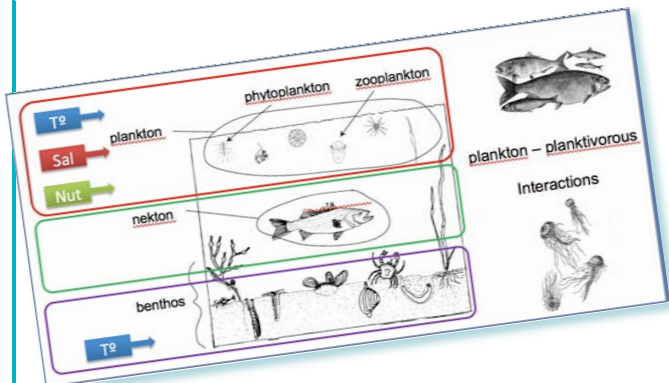
F. Carlotti (MIO), F. Van Wambeke (MIO), S. Bonhommeau (LHM)

Aims at assessing the sensitivity and the response of pelagic and benthic species to changing environmental factors, and at gaining more insight into the response of the food chain in terms of community structure and functioning adaptation.

Workpackage 3

C. Rabouille (LSCE), O. Radakovitch (CEREGE)

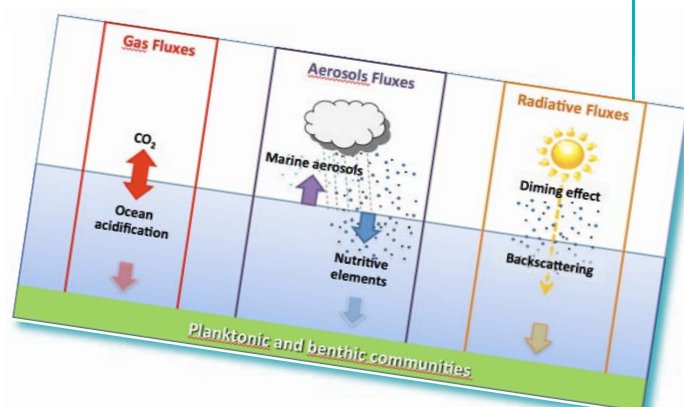
Aims at evaluating the inputs of nutrients, organic matter, and contaminants from the continent to the ocean by rivers, groundwaters, and cities or port, as well as their export to the open-sea, and their impacts on coastal ecosystems.



Workpackage 4

K. Desboeufs (LISA), M. Mallet (LA), E. Pulido-Villena (MIO)

Aims at assessing the interactions between the atmosphere and the ocean in terms of gas, particles and nutrients, and radiative exchanges, and at evaluating their impacts on the ecosystem functioning.



Workpackage 5

J.O. Irisson (LOV), C. Figuières (LAMETA)

Aims at synthesizing available biogeochemical and biological data to achieve a fine regionalization of the Mediterranean, and at assessing the link between ecosystem functioning in these ecoregions and human pressures

