

# Meeting HYMEX-TTM3 and MedCORDEX

30 September, 2009

**TTM3: task team modelling, Regional Climate Models**

**Med-CORDEX: Mediterranean domain of the WCRP CORDEX program**

**Venue: CNRM (Navier building), conference room at Météo-France (Toulouse)**

**starting: 9.30 am (coffee, welcome)**

For coming from the town center, check

<http://www.cnrm-game.fr/spip.php?article15#planCNRM>

it is 30 min from town centre

## Main objectives of the meeting:

1. to meet all together as some of you were not in Toulouse or in Paris or this year in Crete
2. to synthesize the different contributions we already received through the web site for the climate modelling of the atmosphere-ocean-land surface-hydrology of the Mediterranean earth system
3. to present the starting point of the different teams: where we are now ? what are the plan for next year ? what do we plan for Hymex ? what are the human/financial support needs ?...
4. to finalize the Hymex International Implementation Plan (IIP) in terms of regional climate modelling including new ideas. You should know that the Hymex RCM activities will be grouped in the Task Team Model 3 (TTM3: Mediterranean Regional Earth System Models and their components) in the HYMEX IIP with the following sub-tasks including all the climate-scale modelling activities for the different components (atmosphere-ocean-surface-hydrology):
  - TTM3a: HyMeX campaign / case study simulations: 2010-2014 (SOP/EOP/LOP)
  - TTM3b: Long-term hindcast simulations: 1960-2010
  - TTM3c: Regional climate change scenarios (Med-CORDEX)
  - TTM3d: Diagnostics, validation and integrated analysis
  - TTM3e: Improvement of the Regional Climate Models parameterizationsOne of the goal of the meeting is to list the scientific objectives (see the WGs science plan) that require the work done in TTM3, list the members of each sub-task, list the core group of each sub-task, start describing the work to do within the sub-task for the whole Hymex project and the agenda for the next 12 months, thinking about the setting-up of databases for the TTM3 simulations
5. to present the CORDEX intercomparison exercise planned by the WCRP for the next IPCC-AR5 report for which a Med-CORDEX part has been accepted
6. To start speaking about financial support.

## **AGENDA**

10.00 - 10.30: Overall presentation of HYMEX: from the science plan (Working Groups) to the implementation plan (Task Teams) by V. Ducrocq

10.30 - 11.00: Presentation of the TTM3 by S. Somot

11.00 - 11.30: Presentation of Med-CORDEX by P. Ruti

--- Start of the sub-task discussion with the following objectives: ---

(1) scientific objectives (refer to WGs), (2) simulations/work to be done, (3) new ideas, (4) list of the sub-task members, (5) database, (6) planning for the next 12 months, (7) links with other TTO, TTM, TS and inside the TTM3

11.30 - 12.30: Discussion about TTM3a

*12.30 - 14.00 Lunch break (Meteo-France cafeteria)*

14.00 - 15.00: Discussion about TTM3b

15.00 - 16.00: Discussion about TTM3c

*16.00 - 16.15: Coffee break*

16.15 - 17.15: Discussion about TTM3d

17.15 - 18.15: Discussion about TTM3e

18.15 - 19.00: Financial support

### **LIST OF THE PARTICIPANTS (25 pers.):**

Clemente Gallardo, Ivan Fernandez, UCLM

Pedro Galán, UPM (Universidad Politécnica de Madrid)

Jean-Christophe Calvet, CNRM (leaving at 11am)

Paolo Ruti, Sandro Calmanti, ENEA

Samuel Somot, Florence Sevault, Clotilde Dubois, Sophie Belamari, Hervé Giordani CNRM

Alberto Casado, Cindy Lebeauvin LMD

Sophie Bastin, LATMOS

Dorita Rostkier-Edelstein, IIBR

Marta Marcos, IMEDEA

Simon Krichak, TAU

Bodo Ahrens, Univ Frankfurt

Alberto Elizalde, MPI

Nazzareno Diodato, Monte Pino Met European Research Observatory

Françoise Orain, Meteo-France/CMS

Daniele Pettenuzzo, INGV

Emilia SanchezGomez, CERFACS

Marc Mallet, Fabien Solmon, LA

### **Persons that do not come but members of TTM3:**

Gerd Schaedler, COSMO

Sarantis Sofianos, Univ Athens

Gianmaria Sannino, ENEA

Annarita Mariotti, ENEA

Mariavittoria Struglia, ENEA

Laurent Li, Philippe Drobinski, LMD

Eric Martin, CNRM

Achim Wirth, LEGI

Fabio Raichich, ISMAR

Claude Estournel, LA

Philippe Fraunié, LSEET

Jordi Isern Fontanet, IC3

Elisabetta Schiano, CNR-ISMAR

Jim Freer, Univ. Bristol

Damià Gomis, Gabriel Jorda, IMEDEA

Simon Josey, Mikis Tsimplis, NOCS

Ioannis Tsanis, University of Crete