



MEDEX: A general overview

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Although even now some activities related to MEDEX continue alive, MEDEX can be considered as a project limited in time, lasting from 2000 to 2010. In any case MEDEX does not arise from nothing. The most direct antecedent is the WMO-MCP (Mediterranean Cyclone Project) and the occasion was the INM/WMO International Symposium on Cyclones and Hazardous Weather in the Mediterranean.

On the other hand, HyMeX is the completion of MEDEX, although widely over passing this project.

MEDEX has had two phases. In the first phase (2000-2005) it was a Research and Development Project of the WMO World Weather Research Programme (WWRP). In the second phase (2006-2010) it has been related with WWRP through THORPEX, not directly.

Direct outputs of MEDEX are the MEDEX Data Base (cyclones databases, hazardous weather calendars and a list of selected cases), still accessible, a partial summary on scientific achievements of MEDEX, two reports for EUCOS and the 2009 DTS campaign, which can be reviewed through the ECMWF DTS archives. Specific contributions to the MEDEX Meetings are also direct products of the MEDEX activity. A singular event in this sense is a workshop on social impacts held in Barcelona, in 2004.

More indirect outputs are many scientific contributions and papers presented at different congresses and submitted to different journals. Many of them were presented to the EGU Plinius Conferences in Mediterranean Storms and published in AdGeo or in NHESS. The scientific production in general is partially a consequence of MEDEX and partially independent of the project. Dynamical aspects, numerical modelling, sensitivity computations, climatology or social impacts are the main matters of this production.