



MAP D-PHASE

A Forecast Demonstration Project within WWRP

First Announcement of the First MAP D-PHASE Scientific Meeting 6-8 November 2006, Vienna, Austria

MAP D-PHASE (**D**emonstration of **P**robabilistic **H**ydrological and **A**tmospheric **S**imulation of Flood **E**vents in the Alpine Region) aims at demonstrating improved understanding and state-of-the-art forecasting of *processes related to heavy precipitation* induced by the Mesoscale Alpine Programme (MAP). As a Forecast Demonstration Project (FDP) of the World Weather Research Programme this will be realised in true forecast mode and including all components of an end-to-end forecasting system and with a pre-defined evaluation protocol. For the first D-PHASE Meeting, contributions are invited dealing with all components of this forecasting system, showing previous experience with parts of, or the entire forecasting chain, plans for the demonstration period and specific technical or conceptual achievements. Topics include

- Probabilistic atmospheric and hydrological modelling
- Perturbations in high-resolution atmospheric and hydrological models
- New generation of high-resolution NWP models
- Hydrological modelling and verification
- Verification of ensemble forecasts
- Object oriented and grid point verification
- Nowcasting related to heavy orographically induced precipitation
- Cost/loss analysis and societal impact
- Needs and experience of forecasters and (end) users
- Case studies in heavy precipitation and flood forecasting

Programme Committee:

Mathias Rotach (MeteoSwiss), Manfred Dorninger (Univ. Vienna-IMGW, local organiser), Hans Volkert (DLR-IPA), Christoph Hegg (Eidgenössische Forschungsanstalt WSL), Roberto Ranzi (Univ. Brescia), Andrea Montani (ARPA-SIM), Marco Arpagaus (MeteoSwiss),

Timetable:

First announcement	16 May
Second announcement	10 June
Deadline for short abstracts	10 July
Information about acceptance (drafted programme ready)	15 August
Extended abstracts and early registration deadline	15 September
Conference	6-8 November

Further Information & Contact:

More details including venue and hotel information will shortly become available at the websites: http://www.map.meteoswiss.ch/map-doc/dphase/dphase_info.htm and http://www.meteorologie.at/dphase_info.htm (website of the Austrian Meteorological Society) or contact by email: manfred.dorninger@univie.ac.at