

MUSCATEN arrange

2nd Workshop on Parameterization of Lakes in Numerical Weather Prediction and Climate Modelling

Norrköping, Sweden, 15-17 September 2010

<http://muscaten.ut.ee>

The 2nd Workshop on Parameterization of Lakes in Numerical Weather Prediction and Climate Modelling will be arranged at SMHI in Norrköping, Sweden, 15-17 September 2010. The 1st Workshop on this subject was held in Zelenogorsk, Russia, in September 2008, see <http://netfam.fmi.fi/Lake08>. As a result of the 2008 Workshop a special issue of Boreal Environment Research (<http://www.borenv.net>) "Representation of Lakes in Atmospheric Models" has been published.

The aim of the workshop in Norrköping is to create a forum for environmental researchers related to how lakes are described and parameterised in NWP and climate modelling systems and how lakes interact with the atmosphere. The 2nd Workshop will follow up on subjects raised and discussed at the 1st Workshop.

The Workshop will include the following sessions:

Lake atmosphere coupling – Focuses on the impact of lakes on atmospheric processes as well as parameterisations in the atmospheric part of the modelling systems related to lakes.

External parameters – Focuses on parameters important for description of lake characteristics, e.g. lake depth and lake fraction.

LakeMIP – At the 1st Workshop an initiative were taken to launch a lake model intercomparison project. Results from LakeMIP are intended for this session as well as other sensitivity studies on lake models.

Lake Data Assimilation – Focuses on assimilation of lake prognostic variables in NWP systems.

Processes in fresh-water bodies beyond lake physics – Focuses on processes related to e.g. biochemistry and water quality issues.

Researchers and research students working with these topics are welcome to submit a short abstract for a presentation of 20-30 minutes. In addition to the participant's presentations keynote presentations will be given and room for discussions will be made. No parallel sessions are planned; all presentations will be made at plenary sessions.

The deadline for Workshop registration is June 15, 2010. Registration documents and current information about the workshop and practical arrangements will be available at the web site <http://muscaten.ut.ee/>.

The venue for the workshop will be the Swedish Meteorological and Hydrological Institute (SMHI) in Norrköping. Block reservations for accommodation has been made at two hotels in Norrköping: Hotel Kneippen

(<http://www.kneippen.se/>) and Princess Hotel (<http://www.princesshotel.se/>). Each participant is responsible for making his/her actual reservation from the block booked by SMHI by sending an e-mail directly to the hotel with a reference to "SMHI block booking". Our price for a night in single room is 620 SEK (~62 EUR) at Hotel Kneippen and 745 SEK (~75 EUR) at Princess Hotel. **The deadline for hotel reservation is August 16, 2010.**

Organisers:

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Swedish Meteorological and Hydrological Institute (SMHI),
<http://www.smhi.se/en>.

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MUSCATEN is funded by Nordic Research Board, <http://www.nordforsk.org>.