

The Rossby Centre Day is an annual outreach event, where the activities of the Centre at SMHI are presented to collaborating researchers, climate stakeholders, as well as government and funding agencies. This year the Rossby Centre will host a workshop on:

USING REGIONAL CLIMATE SCENARIOS IN IMPACT AND ADAPTATION STUDIES

OCTOBER 21, 2009, HÖRSALEN, SMHI NORRKÖPING

The main theme of the day will be to discuss new and established techniques for linking climate simulations to support work in the climate impact and adaptation arena. Examples of this work and the use of RCM results in climate impact assessment will be presented. Recommendations for best-practices in this area will be highlighted. During the day the present available and planned climate scenarios from the Rossby Centre will be presented, along with a discussion on the practicalities involved in selecting relevant scenarios.

This seminar is directed at the following general audience: (i) users of climate scenario data; (ii) scientists engaged in climate impact, adaptation and mitigation work; (iii) decision makers and various stakeholders who require up-to-date information on projected climate change and wish to be informed on future directions in climate change research.

INVITED SPEAKERS INCLUDE

Prof. Martin Parry, Co-chair: IPCC AR4 Working group II
Prof. Guy Brasseur, German Climate Services Centre
Prof. Terry Callaghan, Abisko Scientific Research Station
Dr. Insa Meinke, North German Climate Office
Assoc. prof. Uno Wennergren, Theoretical Biology, Linköping University

**To register for the seminar e-mail Rossby.Data@smhi.se
at the latest by **October 1, 2009****

ACCOMMODATION

For those of you who stay overnight we recommend:

Hotel Kneippen, a hotel within walking distance of SMHI
www.kneippen.se E-mail: hotel@kneippen.se

Elite Grand Hotel, centrally located, close to Motala River
www.elite.se E-mail: info.grandhotel@elite.se

The seminar is free of charge.



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PROGRAMME

- 09:30-10:00 **Registration and Coffee**
- 10:00-10:10 **Welcome & Practical Information**
- 10:10-10:50 **Use of Climate Scenarios in impact and adaptation work**
Martin Parry (Imperial College, London, Co-chair of IPCC AR4 Working group II)
- 10:50-11:30 **Delivering climate information and services: Plans at the German Climate Services Centre**
Guy Brasseur (Director, German Climate Services Centre)
- 11.30 -12.00 **Coffee Break and Posters**
- 12.00-12:20 **Facilitating adaptation planning in sub-Arctic Sweden: researcher-stakeholder interactions to identify appropriate tools and information**
Terry Callaghan (Director, Abisko Scientific Research Station)
- 12:20-13:00 **Discussion: Linking impact and adaptation needs to climate scenarios**
-All
- 13:00-14:00 **LUNCH**
- 14:00-14:20 **Regional climate information service: Experience from the north German climate office**
Insa Meinke (GKSS and Head of the North German Climate Office)
- 14:20-14:40 **Using Regional Climate scenarios in support of urban hydrological planning**
Jonas Olsson (Hydrology Section, Research Department, SMHI)
- 14:40-15:00 **Modeling local responses of vegetation from regional climate change scenarios**
Uno Wennergren (Theoretical Biology, IFM, Linköping University)
- 15:00-15:45 **Coffee Break and Posters**
- 15:45-16:05 **The Rossby Centre Climate Scenario Matrix: How to utilize a range of regional climate simulations**
Erik Kjellström (Rossby Centre, Research Department, SMHI)
- 16:05-16:25 **National Climate Scenarios for Sweden**
Weine Josefsson (SMHI)
- 16:25-16:45 **Future climate scenario activities at the Rossby Centre**
Colin Jones (Rossby Centre, Research Department, SMHI)
- 16:45-17:30 **Discussion: Impact and adaptation needs from a Nordic perspective**
- All



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