

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 seminar 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 further downscaling Regional Climate Model (RCM) output into a form of greater direct use for impact and adaptation work. Examples of this work and subsequent 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 latest climate scenario results from the Rossby Centre will be presented, along with a discussion on the practicalities involved in selecting relevant scenarios and accessing the data.

PRELIMINARY SEMINAR PROGRAM

- 09:30-10:00 Registration and Coffee
- 10:00-10:10 Welcome and Practical Information
- 10:10-11:30 Overview presentations from 2 invited lecturers
- 11:30-12:00 BREAK
- 12:00-13:10 Presentations from Rossby Centre scientists
- How to best select a suitable scenario
 - Practical guidance in selecting and accessing Rossby Centre scenarios
 - Future scenario activities over the coming 1-2 years
- 13:10-14:10 LUNCH
- 14:10-15:10 Presentations from invited users of climate scenario data
- 15:10-15:40 BREAK
- 15:40-16:20 Presentations from invited users of climate scenario data
- 16:20-17:40 Plenary Discussion
- 17:40-17:45 Wrap-up and end of day

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. Terry Callaghan, Abisko Scientific Research Station

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

The seminar is free of charge.
A more detailed programme will be sent out in August.



SMHI