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

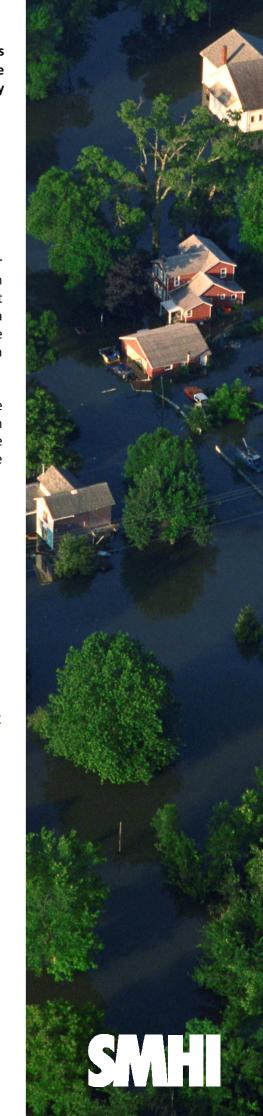
Prof. Martin Parry, Co-chair: IPCC AR4 Working group II Prof. Guy Brasseur, German Climate Services Centre Prof. Terry Callaghan, Abisko Scientific Research Station Dr. Insa Meinke, North German Climate Office Assoc. prof. Uno Wennergren, Theoretical Biology, Linköping University

To register for the seminar e-mail <u>Rossby.Data@smhi.se</u> 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 <u>www.kneippen.se</u> E-mail: <u>hotel@kneippen.se</u>

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



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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 <i>Martin Parry (Imperial College, London, Co-chair of IPCC AR4 Working</i> <i>group II)</i>
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
14:20-14:40	Insa Meinke (GKSS and Head of the North German Climate Office) Using Regional Climate scenarios in support of urban hydrological planning
14:40-15:00	Jonas Olsson (Hydrology Section, Research Department, SMHI) 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 - <i>A</i> //

