



Seminar on Climate Change Impacts on Water Resources

Time: Tuesday 23rd September, 2008 (approx. 9:00 – 16:00)

Place: Geocenter Copenhagen (Theodor Sorgenfrei auditorium at GEUS),
Øster Voldgade 10, 1350 Copenhagen K

Motivation and target audience: Many studies focusing on climate change impacts on water resources are being initiated. This field is quite new and poses new challenges some of which are fundamentally different from problems in traditional hydrological studies. In the seminar we want to present and discuss new scientific methodologies on topics such as downscaling of results from climate models, problems in use of climate model results as input to hydrological models, and uncertainty in predictions of climate change impacts.

The seminar is targeted for researchers and professionals working with climate change and water resources and it is open for all interested persons. If you wish to attend please send an email to Ala Stefirta (aste@geus.dk) with your name, organisation and email.

Speakers:

- o Jens Hesselbjerg Christensen, Danish Meteorological Institute (Climate models)
- o Hayley J. Fowler, University of Newcastle ("Linking climate change modelling to impacts studies: recent advances in downscaling techniques for hydrological modeling")
- o Phil Graham, SMHI (hydrological modelling)
- o Stein Beldring, Norwegian Water Resources and Energy Directorate ("Refinement of dynamically downscaled climate scenarios and hydrological modelling")
- o Lieke van Roosmalen, University of Copenhagen ("Climate change effects on groundwater and rivers in Denmark")
- o Jørgen E. Olesen, Faculty of Agricultural Science, University of Aarhus ("Uncertainty on climate change effect predictions")

The final programme will be sent out at the beginning of September 2008.

Planning of seminar:

- o Lieke van Roosmalen, Department of Geology and Geography, University of Copenhagen (lvr@geol.ku.dk)
- o Jens Christian Refsgaard, Geological Survey of Denmark and Greenland (jcr@geus.dk)

Sponsors:

- o International Research School of Water Resources, FIVA (www.fiva.dk)
- o HYACINTS research project (www.hyacints.dk)