



GÖTEBORG UNIVERSITY

Workshop on added values of regional climate models and detection and attribution studies in the Baltic Basin.

Participants: Jonas Bhend (GKSS), Lars Bärring (SMHI), Deliang Chen (GU-GVC), Christin Eriksson(GU-GVC), Frauke Feser (GKSS), Erik Gustafsson(GU-GVC)), Daniel Hansson(GU-GVC), Erik Kjellström (SMHI), Philip Lorenz (MPI), Markus Meier (SMHI), Anders Omstedt(GU-GVC), Hans von Storch (GKSS), Eudordo Zorita (GKSS),

Place: Göteborg University. Department of Earth Sciences. Guldhedsgatan 5a, room: Tellus #4.052

May 24

Part A. What is the added value of regional climate models? (Reporter: Christin Eriksson)

1000-1030 Anders Omstedt: Welcome and introduction.

1030-1100 Erik Kjellström: What can we learn from RCA that cannot be understood from GCM?

1100-1130 Frauke Feser: Enhanced detectability of added value in limited area model results separated into different spatial scales.

1130-1200 Philip Lorenz : Regional climate modelling at MPI

1200-1330 Lunch at Lyktan

Part B. Design of detection and attribution studies in the Baltic Basin. (Reporter: Erik Gustafsson)

1330-1400 Hans von Storch: How models can be used in Baltic Sea attribution studies.

1430-1500 Jonas Bhend: Consistency of observed winter precipitation trends in northern Europe with regional climate change projections.

1500-1530 Deliang Chen: Comparison of observed and simulated trends in extreme climate events in the Baltic Basin.

Coffee

1530-1600 Markus Meier: How RCO can be used in Baltic Sea attribution studies

1600- Joint discussions

1900- Joint dinner

May 25

0900- 1100 *Joint discussions*

- Added values?
- Role of RCM in attribution studies?
- Design of detection and attribution studies?
- Un-discussed questions

1100- 1200 Summary leading to discussion on where do we go? (Report: Daniel Hansson)