2010 activities in the TRI Nordic Network on Statistical Approaches to Regional Climate Models for Adaptation (SARMA)

1. Workshop on statistics and climate at the Norwegian Academy
   http://sfi.nr.no/sfi/index.php/International_Workshop_on_Modern_Statistics_for_Climate_Research
   This was the opening event for the Network (planned in advance of the network proposal). 50 participants from all five Nordic countries, Germany, United Kingdom and United States.
   February 1-2, 2010

2. Proposal to CoE competition (before contract in place).
   During the preparation of this proposal we extended the network to Cicero, University of Oulu, Denmark Technical University, Chalmers University and Stockholm University.
   March 8, 2010

3. TRI Contract signed
   May 6, 2010

4. Travel grants for Banff workshop on climate extremes
   Two Icelandic researchers were funded (cf. 10 below).
   May 20, 2010

5. Internal decision setup decided
   The Administrative Director and the Project Leader agreed to set up an executive committee that makes budget proposals, based on suggestions from the Project Leader, to the Administrative Director, who makes final budget decisions.
   May 25, 2010

6. Executive committee formed
   Ola Haug, Norwegian Computing Center
   Georg Lindgren, University of Lund
   Peter Thejll, Danish Meteorological Institute
   Arnoldo Frigessi, University of Oslo
   Peter Guttorp (ex officio), Norwegian Computing Center
   May 27, 2010

7. Initial budget proposal to executive committee
   May 28, 2010

8. 11th International Meeting on Statistical Climatology, Edinburgh
   Network member meeting
   Added University of Umeå to the network.
Participants: Amy Braverman, Jet Propulsion Lab, USA
Steve Sain, National Center for Atmospheric Research, USA
Peter Guttorp, Ola Haug and Elisabeth Orskaug, Norwegian Computing Center
Thordis Thorarinsdottir, University of Heidelberg
Heikki Räisanen, University of Helsinki
Per Arnequist and Sara Sjöstedt da Luna, University of Umeå
Bo Christiansen, Torben Schmidt and Peter Theill, Danish Meteorological Institute.
Discussed plans for network activities and opportunities for network members. JPL and NCAR declared interest in collaborating with network members and activities.

Invited presentation
Peter Guttorp, Magne Aldrin and Marit Holden - Bayesian estimation of the climate sensitivity based on a simple climate model fitted to global temperature observations

Contributed presentations
Bo Christiansen - Constructing a reconstruction method that does not underestimate low-frequency variability
Jouni Räisänen - Weighting of model results for improving projections of climate change
G. Nikulin, E. Kjellström, U. Hansson, G. Strandberg and A. Ullerstig - European weather extremes in an ensemble of regional climate simulations

Posters
Per Arnvist, Christian Bigler, Amitava Mukherjee, Ingemar Renberg and Sara Sjöstedt de Luna – A statistical method to analyse varved lake sediments with respect to reconstruction of past environment and climate change
Peter Thejll - Considering the effect of residual structure on the performance of climate reconstruction methods - the Cochrane-Orcutt method
Elisabeth Orskaug, Ola Haug, Ida Scheel and Arnoldo Frigessi – A validation suite for downscaled climate model data
July 12-16, 2010

9. IMS meeting in Gothenburg

Invited talks
Peter Guttorp, NR: Space-time modeling of trend in temperature series
Lasse Holmström, U Oulu: Analyzing past climate change using Bayesian scale space modeling
Arnoldo Frigessi, UIO: Spatial variable selection for effect studies of insurance claims

Contributed talk
Sara Sjöstedt de Luna, Umeå: Using seasonal patterns of varied lake sediments to reconstruct climate
Contributed poster
Óli Páll Geirsson, U of Iceland: Modeling monthly maximum 24hour precipitation in Iceland
August 9-13, 2010

10. Banff workshop on Statistics and extreme climate events.
Network participants:
Óli Pall Geirsson, Birgir Hrafnelsson (travel grants) University of Iceland,
Ulla Holst, Georg Lindgren, University of Lund
Holger Rootzen, Chalmers University
Gunnel Brattström, Stockholm University
Peter Guttorp, Norwegian Computing Center

11. Budget proposal finalized and approved
September 1, 2010

12. TFI administrators yearly conference in Copenhagen
Georg Lindgren presented SARMA (first use of acronym)
September 15, 2010

13. TFI adaptation network kick-off workshop in Oslo
Ola Haug presented SARMA. Presentation available at network web pages
October 28, 2010

14. SARMA web pages go live
Developed by Shalina Bajracharya at University of Washington with funding from SARMA. The pages are located at the University of Washington with nr.no redirecting. www.nr.no/sarma
Noember 2, 2010