

Petter Lind

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RESEARCH INTERESTS: Regional climate modeling, hydrological cycle, convection, precipitation variability and extremes, statistical analysis.

EDUCATION:

- Ph.D (ongoing)* Atmospheric Science; Stockholm University, Sweden, (10/2011-10/2016)
· Topic: Studies of atmospheric moist processes in high-resolution climate models, with focus on simulated precipitation variability and extremes.
· Supervisor: Erik Kjellström (SMHI), Michael Tjernström (Stockholm University)
- M.Sc.* Atmospheric Science; Stockholm University, Sweden, (08/2003-06/2007)
· Thesis Topic: "Investigation of the water and energy budgets in the BALTEX area, as simulated in a regional climate model"
· Supervisor: Erik Kjellström (SMHI)

PROFESSIONAL EXPERIENCE:

- SMHI, Rossby Centre - climate researcher (09/2011-)*
· Regional climate modeling, Model evaluation and development
- SMHI, National Weather Forecast Service (01/2008-08/2011)*
· Weather forecast production and issuing, mountain meteorology, education in atm. convection.
- SMHI, Rossby Centre - internship (07/2007-12/2007)*
· Evaluation CMIP3 global climate models and RCA regional climate model on the simulation of temperature and precipitation.

PUBLICATIONS:

- Peer Reviewed:* P. Lind and E. Kjellström 2009: Water budget in the Baltic Sea drainage basin: Evaluation of simulated fluxes in a regional climate model. *Boreal Env. Res.* 14: 56-67.
- Kjellström, E. and Lind, P. 2009: Changes in the water budget in the Baltic Sea drainage basin in future warmer climates as simulated by the regional climate model RCA3. *Boreal Env. Res.* 14: 114-124.
- Manuscript:* Lindstedt, D., Lind, P., Jones, C. and Kjellström, E: Very high-resolution climate runs over Europe; an evaluation
- Other:* P. Lind and E. Kjellström 2008: Temperature and precipitation changes in Sweden, a wide range of model-based projections for the 21st century. SMHI RMK No 113 (Report Meteorology and Climatology).

COMPUTING SKILLS:

- Languages:*
· Python, R, Matlab, some Fortran, L^AT_EX, bash