

Lars Barring – CV (August 2016)

Name Lars S.O. Barring
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Personal Swedish citizen. married; 2 children, born 1987 and 1989

Doctoral degree and academic promotion

- Doctoral degree awarded 1988 in Physical Geography (climatology), Lund University. Supervisor: Prof. Jan O. Mattsson
- Promoted to Associate professor (docent) 1999, Lund University
- Evaluated eligible for professorship (Lund University) 2013

Present position

- Research scientist, Rosaby Centre, SMHI

Post-doctoral work experience and focus of research

2004– Research scientist, Rosaby Centre, SMHI

- Swedish National Focal Point for IPCC (2014-2016)
- SMHI lead scientist and Work Package leader EU-CLIP-C (2014-2016)
- SMHI lead scientist for EU-GENESIS (2009-2014)
- Scientific Partner in Mistra-Swecia, Phase I and Phase II
- Participant in many EU, Nordic and national research projects
- Analysis and evaluation of climate model data, extremes and variability
- Impact studies and application of climate model data, interaction with stakeholders and users
- Expert support and major data provider to the Government Climate and Vulnerability Inquiry 2005-2007
- Development of national climate scenarios as well as tailored climate products
- Frequent speaker at stakeholder meetings regarding climate scenarios and climate impacts

2006–2008 Head of Rosaby Centre, SMHI

- Overall research group management, personnel and budget responsibility

1998–2010 University lecturer, Lund University

- Lund University host partner EU/Marie Curie-STATME (2006-2009)
- Lund University lead scientist in EU-ENSEMBLES (2005-2009)
- Lund University lead scientist in EU-MICE (2002-2004)
- Lund University lead scientist in EU-WEELS (1998-2002)
- Research group leader (-2005)
- Responsible for course development and teaching in climate sciences (-2005)
- Main supervisor of doctoral students (-2008)
- Analysis and evaluation of climate model data
- Historic climates and climate extremes

1990–1998 Senior research associate (forskarassistent), Lund University

- Assistant supervisor of doctoral students
- Climate variations and extremes
- Historic climatology
- Lund University lead scientist in EU-ADVICE (1996-1998)
- Course development and teaching climate sciences courses

1989–1990 Post-doctoral Fellow, Climatic Research Unit, University of East Anglia

- Scholarship funded by the Swedish Natural Science Research Council (NFR)
- Climate variations and extremes, Africa

Supervision of master and doctoral students

- Carin Nilsson: *Windstorms in Sweden – variations and impacts*. Graduated Ph.D. 2008.
- Peter Rothstein: *Lokalklimatisk kartering av frostriskområden med mobila mätsystem*. Graduated Ph. Lic. 2003.
- Maj-Lena Linderson: *Influence of atmospheric circulation on areal precipitation in Scania, southern Sweden*. Graduated Ph. D. 2002.
- Marie Ekström: *Relationships between atmospheric circulation and wind erosion in southern Sweden and Australia*. Graduated Ph.D. 2002.
- Kristina Blennow: *Spatial variation in near-ground radiation and low temperature – interaction with forest vegetation*. Graduated Ph.D. 1997.
- Supervision of 10 Master students 1996-2003.

Selected scientific activities and appointments of trust

- 2015: Member of the *Advisory Group for a 2016 EEA report on climate change, impacts and vulnerability*.
- 2014: Member of the *ECMWF Expert team to support the definition of the scientific/technical content of the Copernicus Climate Change Service*
- 2014: *3rd International Lund RCM Workshop - 21st Century Challenges in Regional-scale Climate Modelling*. Member of the Scientific Steering Committee and the Local Organising Committee.
- 2013: Member of Nomination Committee for Professorships at Institute for Environmental Sciences (ISE), University of Geneva, Switzerland
- 2011: Member of the Evaluation Committee for Professorship at Norwegian Meteorological Institute (Met.no).
- 2011: *First Joint Session of Working Groups I and II and Thirty-Fourth Session of the IPCC*, Kampala, Uganda, November 2011. Expert member of the Swedish delegation.
- 2009 *2nd International Lund RCM Workshop - 21st Century Challenges in Regional-scale Climate Modelling*. Scientific committee member and Chairman local organising committee.
- 2009: Appointed expert reviewer of research project proposals under *NorClim*, the Norwegian Research Council's strategic research initiative in climate sciences.
- 2006: Invited international expert reviewer of IPCC Working Group II fourth scientific assessment.
- 2006 *Ensembles Annual General Assembly*, Lund, Local organiser.
- 2004 *WMO/WGNE Workshop on Regional-scale Climate Modelling*. Scientific committee member and Chairman local organising committee.
- 1998 – 2012: Member or chairman of external examining committees for eight doctoral theses at the universities of Lund, Gothenburg, Uppsala, the Swedish University of Agricultural Sciences, Uppsala, and the Royal Institute of Technology, Stockholm.
- Peer reviewer for *Ambio (>1)*; *Boreal Environment Research*; *Catena*; *Climate Dynamics (>1)*; *Climate Research (>1)*; *Climatic Change (>1)*; *Geographica Polonica*; *Geografiska Annaler A (>1)*; *Geophysical Research Letters (>1)*; *Hydrological Sciences Journal*; *International Journal of Climatology (>1)*; *Journal of Applied Meteorology and Climatology*; *Journal of Climate (>1)*; *Journal of Geophysical Research D*; *Meteorological Applications*; *Pure and Applied Geophysics*; *Theoretical and Applied Climatology*; *WIREs Climate Change*, the edited monograph *Climate and History*; *Zeitschrift für Meteorologie*;
- Invited expert reviewer of *IPCC AR4 WGII*
- Appointed government expert reviewer of *IPCC SREX SPM, AR5 WGI & WGII SPM*