

## Curriculum Vitae

### Peter Berg

#### Personal information

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Citizenship: Swedish

Birthdate: 29th of April 1979

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#### Professional experience

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Swedish Meteorological and Hydrological Institute, Sweden, 2017-

Research leader for the field of hydroclimatology.

Swedish Meteorological and Hydrological Institute, Sweden, 2013-

Research assistant at the hydrology research unit of SMHI. Main research questions: precipitation at different time and space scales, radar remote sensing, climatological analyses, hydrological response of extreme events, seasonal forecasting, bias correction.

Swedish Meteorological and Hydrological Institute, Sweden, 2012-2013

Postdoc at the Rossby Centre  
Main research questions: modeling of atmospheric circulations in regional climate models. Dynamical downscaling and setting up a coupled atmosphere-ocean model for the Arctic.

Karlsruhe Institute of Technology, Germany 2009 – 2011

Postdoc at the Institute for Meteorology and Climate Research (IMK) at KIT  
High resolution regional climate modeling and hydrological impacts of a changing climate

Danish Meteorological Institute, Denmark 2007 – 2008

Postdoc at the Danish Climate Center  
Regional climate model development, downscaling of climate scenarios for hydrological impact modeling.  
Investigation of changes in precipitation with a warming climate.

#### Education

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Copenhagen University, Denmark 2003 – 2007

PhD-studies located at the Danish Meteorological Institute  
Title: "The dynamical coupling of the stratosphere and the troposphere: Planetary waves and radiative perturbations"  
Global atmospheric modeling of large scale stratospheric phenomena that impact the troposphere. Focus on solar-terrestrial coupling through stratospheric processes.

Supervisors: Bo Christansen (DMI), Peter Thejll (DMI) and  
Aksel Walloe Hansen (KU)

Lund University,  
Sweden  
1998 – 2003

Master of physics