

# **CURRICULUM VITAE – Erik Kjellström**

## ***PERSONAL DATA***

Name: Erik Kjellström  
Nationality: Swedish  
Place and Date of birth: Norrtälje, Sweden, August 19, 1967  
Work address: SMHI, S-601 76 Norrköping, Sweden. (Tel. +46 11 4958501)  
E-mail address: [Erik.Kjellstrom@smhi.se](mailto:Erik.Kjellstrom@smhi.se)

## ***PRESENT EMPLOYMENT***

From September 2018 I'm working as Professor in climatology at the Swedish Meteorological and Hydrological Institute (SMHI), Norrköping, Sweden. The work is done within the Rossby Centre that is part of the research department of SMHI. Since August 2012 I'm part time employed as Adjunct Professor at the Department of Meteorology at the Stockholm University.

## ***PREVIOUS EMPLOYMENTS***

- Head of the Rossby Centre between June 2013 and August 2018.
- Researcher at the Rossby Centre between January 2003 and May 2013.
- Associate lecturer at the Stockholm University between July 2006 and July 2012 (20%).
- Researcher at the Stockholm University between October 1999 and December 2002.
- Post-doctoral fellow at the Massachusetts Institute of Technology, Massachusetts, USA, October 1998 - September 1999.
- Researcher at the Stockholm University, May - September 1998.
- Presenter of weather forecasts at the regional television broadcasting "ABC-nytt", 1993-1994.
- PhD-student at the Stockholm University, November 1992 - April 1998.
- Meteorologist in the Swedish Air Force, F13 Norrköping, March - October 1992.

## ***PERIODS OF ABSENCE***

During periods in 2001, in 2003-2004 and in 2007-2011 I was on parental leave for a total of 12 months.

## ***EDUCATION***

### **Formal degree**

- Associate professor, Docent, Stockholm University, 2008.
- Ph.D. Stockholm University, 1998. Doctoral thesis "Modelling studies of atmospheric sulphur with a general circulation model".
- B. Sc., Fysikerlinjen, Stockholm University, 1992.
- Captain in the Swedish Air Force, Swedish Air Force Officer Training School, 1992.

### **Pedagogical courses**

- Handledning och Ledarskap, Naturvetenskapliga Fakulteten, Stockholms Univ., 2008

- Various short courses on presentation technique, media interaction etc. at the Stockholm University and at SMHI.
- Various during the education in the Swedish Air Force, 1987-1992.

## **PUBLICATIONS**

Listed at <https://www.smhi.se/en/research/research-departments/climate-research-rossby-centre2-552/erik-kjellstrom-1.10694>. Includes c. 100 publications where of 64 peer-reviewed articles in scientific journals.

## **COMMITMENTS AND AWARDS**

### **Fellowships**

The Knut and Alice Wallenberg Foundation Fellowship in Environmental and Sustainability studies 1998-2002.

### **Committees and expert panels**

- Member of the National Expert Group on Climate Adaptation (2018-)
- Member of the scientific panel for the Swedish Meteorological Society (2017-)
- Member of expert group for the EU-funded Copernicus project CRECP (Copernicus Roadmap for European Climate Projections) (2017-)
- Member of peer-review panel for UKCP18 (2016-)
- Member of advisory board for the Centre for Climate Science and Policy Research, CCSR, LiU (2015-)
- Member of the board of the Bolin Centre for climate research (2013-)
- Member of reference group for a climate project at the Swedish National Heritage Board (2013)
- Committees for PhD thesis defenses: Nitin Chaudhary (University of Lund, 2017); Tito Maldonado (University of Uppsala, 2016); Rozemien De Troch (University of Gent, 2016); Abubakr Salih (University of Stockholm, 2015); Alexander Walther (University of Gothenburg, 2014); Jenny Lindvall (University of Stockholm, 2014); Frida Bender (University of Stockholm, 2009); Björn Carlsson (University of Uppsala, 2009)
- Opponent for Fil. Lic. thesis defense for Torbjörn Bergan (University of Stockholm, 2000) and Claudia Teutschbein (University of Stockholm, 2010).
- >20 committees for exam papers by undergraduate students.

### **Reviewing**

- A large number of manuscripts submitted to international journals including: Tellus A and B, Journal of Climate, Climatic Change, Climate Dynamics, Climate Research, International Journal of Climate, Meteorologische Zeitschrift, Geophysical Research Letters, Journal of Geophysical Research, Climate of the Past, Journal of Meteorological Society of Japan, Journal of Hydrometeorology, the Holocene and Nature Climate Change.
- A number of chapters in IPCC assessments for WGI and WGII.
- Research grants for NSF (US), the research council of Norway, NSERC (Canada)
- EU FP7 project mid-term and final review
- The national climate assessment Switzerland (CH2018).

## **Editor**

Guest editor for *Climate Research* (2010).  
On the Editorial board for *Climate* (2018-)

## ***SUPERVISION***

### **PhD students (main supervisor)**

- Gustav Strandberg, PhD 2017 (previously also Phil. Lic. 2015)
- Petter Lind (ongoing, completed Phil. Lic. 2016)

### **PhD students (co-supervision)**

- Amro Nasr, LTH (ongoing)
- Karin Steffens, SLU, PhD, 2015
- Vahid Nik, Chalmers, PhD, 2012
- Jonas Claesson, MISU, Phil. Lic., 2012
- Faisal Syed, MISU, PhD, 2011
- Kristina Eneroth, PhD, MISU, 2003

### **Undergraduate students**

Emelie Wennerdahl, Uppsala Universitet, 2017; Mikaela Andersson, MISU, 2014; Malin Friis, Umeå Universitet, 2012; Kerstin Hartung, Univ. Bonn, 2012; Petter Lind, MISU, 2007; Sheldon Johnston, MISU, 2003; Ann-Christine Juhlin, MISU, 2003; Johan Arnberg, MISU, 2001; Paul Glantz, MISU, 1996.

## ***PROJECT EXPERIENCE***

- EUCP (2017-2020), EU H2020, work package leader and PI SMHI
- PRINCIPLES (2017-2020), EU C3S (Copernicus Climate Change Services), main applicant and coordinator
- HazardSupport (2015-2020), Swedish MSB-funded project
- IMPREX (2015-2019), EU H2020, work package leader and PI SMHI
- IMPACT2C (2011-2015), EU FP7 work package leader and PI SMHI
- ECLISE (2011-2013), EU FP7, work package leader and PI SMHI
- LANDCLIM (2009-2011), Swedish Research Council (Vetenskapsrådet), work package leader and PI SMHI
- SWECIA (2008-2015), Swedish MISTRA-financed programme
- CES (2007-2010), Nordic research council, subproject leader and PI SMHI
- Climate extremes in Sweden in a 100.000-year perspective (2006-2009), Swedish SKB-funded project, main applicant and project leader
- ENSEMBLES (2004-2009), EU FP6 project
- CE (2003-2006), Nordic research council
- PRUDENCE (2001-2004), EU FP5 project
- SINDICATE (1997-1999), EU FP4 project
- GLOMAC, subproject of EU-project EUROTRAC