

CV Klaus Wyser

Date of birth: 1965-12-15

Appointments and tasks

2002-present: researcher at the Rossby Centre, SMHI

- Development of the global climate model EC-EARTH
- Leading the CMIP5 Working Group of the EC-EARTH consortium
- Coordination of the Swedish contribution to CMIP6
- WP leader in several EU projects
- Climate simulations and sensitivity studies with EC-EARTH model for numerous national and international research projects:
 - high resolution climate simulations of a warmer world
 - assessment of systematic errors in climate models
 - development of a climate prediction system with the EC-EARTH model
- Regional climate modelling in the Arctic

2014: 4-month position at MISU, Stockholm University

- SERC project to improve the description of sea-ice in EC-EARTH model

2000-2004: project manager at the Earth Sciences Centre (GVC), University of Gothenburg, Sweden

- Regional climate modelling in Prof. Deliang Chen research group
- Research project FlyKlim which involved modelling the climate impact from aircraft using a regional climate model

1999 – 2000: postdoctoral fellow at the Institute for Computational Earth System Science (ICESS), UC Santa Barbara

- NASA SRB project aimed at a better method to measure radiation at the surface from satellite by taking into account the three-dimensional structure of clouds

1993 – 1998: PhD student at MISU, Stockholm University

Education

1998 PhD in atmospheric sciences from Stockholm University

Thesis title: "Radiation and Microphysics in Clouds" under the supervision of Prof Hilding Sundqvist

1992 Diploma in technical physics from ETH Zurich