

Climate researcher, ref. no. 960

To work on the development and application of high-resolution regional climate models with focus on atmospheric physics and/or coupling between the atmosphere and land surfaces. Improving parameterizations in model configurations operating at scales ranging from continental to convection-permitting is a major task. The work will be undertaken within the international FRACTAL project lead by the University of Cape Town and focus of the application of the model system is on southern Africa.

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The work will take place within the Rossby Centre at the Research Department of SMHI and will involve close collaboration with other model development scientists in the Rossby Centre and within the international FRACTAL network.

Your profile

We seek a person with a completed PhD in meteorology or a similar discipline with detailed knowledge in atmospheric physics and/or coupling between the atmosphere and other components in the earth system. You have experience from some area(s) including parameterisation of clouds and radiation, interaction between microphysical and dynamical processes at the mesoscale, processes in the planetary boundary layer and exchange processes at the land surface. Experience with analysis and visualisation of observations/climate model output as well as postdoc experience are beneficial. You are used to work in a Unix/Linux environment and have good programming skills. Experience from working with Fortran, Python, Matlab, IDL and CDO are seen as beneficial.

We seek a person who can work independently on complex problems but is also comfortable sharing larger tasks within a group. Good knowledge of spoken and written English is required. If the candidate lacks knowledge in Swedish a clear willingness to learn it is required.

The position is limited in time to two years and will be located at SMHI in Norrköping, Sweden

Do you want more information?

More information is available from Erik Kjellström, Head of the Rossby Centre and Kristina Ebbeson, Human Resources. Union representatives are Ronald Scheirer ST and Lennart Robertson SACO. Each person can be contacted by phone on +4611 4958000 or by email at: Forename.Surname@smhi.se

Your application

Applications marked with Reference Number 960 should reach SMHI no later than May 26th 2017 and should be sent by email to: registrator@smhi.se or to:

Registrator,

SMHI

SE-601 76 Norrköping

Sweden

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Recruitment status

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