

The Swedish Meteorological and Hydrological Institute, SMHI, supports decision making processes in sectors being highly dependent on weather and environmental conditions. We possess a broad competence in the fields of meteorology, hydrology and oceanography. Our products are used by Swedish and international enterprises as well as by public authorities, e.g. in the sectors of transport, environment and energy and in trade, forestry and media.

Job opportunity at SMHI

The Division of Oceanography at the Research Department at SMHI is working on short and medium range ice-ocean forecasts in the Baltic and North Sea and in the Arctic Ocean, data assimilation, process studies, climate modelling and analysis (detection and attribution), coupled physical-biogeochemical modelling, and marine remote sensing. Today 11 scientists are permanently employed within the oceanographic research unit. For more information, please go to www.smhi.se (look for Research at the top of the welcome page and Oceanography).

Research scientist

ref no 1130

The Division of Oceanography at the Research Department seeks a research scientist for 23 months to work on a high-resolution three-dimensional coupled biogeochemical-physical ocean model. The model system is used as a tool to investigate the Baltic Sea and Arctic Ocean response to climate variations and anthropogenic activities (e.g. nutrient reduction and greenhouse gas emission scenarios) on long timescales (100 years and longer).

The model system is also used for process studies. Future projects will include modelling of the carbon cycle. A successful candidate will have the possibility to contribute to international projects and networks, such as the BONUS program and BALTEX.

You should have

- demonstrated experience on ocean research, preferably with a PhD in Oceanography, Meteorology, Marine Chemistry or in a related field, and preferably with knowledge of biogeochemical processes especially in the sediments,
- familiarity with Linux/UNIX and Fortran, and preferably MPI,
- experience on three-dimensional ocean circulation models,
- good command of the English language.

Good organization and communication skills are requested. You should be able to work on own initiative and be able to prioritise.

For further information please contact the Head of Division of Oceanography, Markus Meier, tel +46 11-495 8612, (markus.meier@smbi.se) or Arne Andersson, Human Resources, (arne.andersson@smbi.se). Union representatives are Lennart Robertson, SACO, (lennart.robertson@smbi.se) and Barry Broman, ST, (barry.broman@smbi.se). They can also be reached by phone +46 11-4958000.

Written applications marked with reference number 1130 should be sent not later than the 26th of July 2009 to SMHI, SE-601 76 Norrköping, Sweden, or by e-mail to registrator@smbi.se.

The contracts is initially limited to 23 months.

SMHI
www.smhi.se