



**The Nansen Environmental and Remote Sensing Center, Bergen, Norway
is seeking**

Experienced scientist in Climate modelling

The Nansen Environmental and Remote Sensing Center (NERSC) is an independent non-profit research foundation in Norway. The vision of the Center is “to pioneer understanding of the Earth system and science-based innovation for society”. The Center conducts multidisciplinary sciences with focus on marine, cryosphere and atmospheric research with integration and links to innovation and service development. The high latitudes and the Arctic are given special attention. NERSC takes an active part in training and capacity building as well as dissemination to stakeholders and society in support of sustainable environment and blue growth. Strategic national and international partnerships are highly prioritized.

The primary financial income for NERSC derives from projects from various financing agencies awarded in open competition. The Center also receives basic funding from the Ministry of Climate and Environment in Norway. NERSC is an active research partner in the [Bjerknes Centre](#) for Climate Research and at the [Hjort Centre for Marine Ecosystem Dynamics](#). NERSC is also leading the Copernicus Marine Environmental Monitoring service for the high latitude seas and Arctic Ocean in collaboration with the Meteorological Institute of Norway and the Institute of Marine Research. The Center has extensive international collaboration, including the “Nansen Group” with research centers in Russia, India, China, South Africa and Bangladesh. The Center presently has 80 employees from 25 nations.

A position for an experienced scientist in Climate modelling is available (with a start as soon as possible) at the Nansen Center. The position is supported by the Center for Climate Dynamics (SKD) of BCCR and NERSC. The research activities will be carried out at the Climate Dynamic and Prediction Group and in close collaboration with NERSC's partners.

The position will strengthen research at NERSC and BCCR addressing naturally occurring and human-made changes to global and regional climate through analysis and numerical experiments with the Norwegian Earth System Model (NorESM).

The successful candidate should have considerable experience using NorESM, the Community Earth System Model (CESM; developed at the National Center for Atmospheric Research), or other general circulation climate models. The research activities may cover various topics notably: setting up, running and evaluating climate model sensitivity experiments; conducting analysis relevant for a specific climate target or climate scenarios; testing and evaluating new dynamics and physical parameterizations.

Applicants must have a doctoral degree (Norwegian PhD or equivalent) in meteorology, oceanography, atmospheric sciences or related fields.

A strong background and experience in climate modelling, insight into the dynamics and physics of the coupled climate system and knowledge of basic statistics are required. Experience working in a Unix environment and with all software necessary (for using

NorESM/CESM) is essential (e.g., FORTRAN, NCL, shell scripts). Familiarity with parallel computer platforms is an advantage.

The candidate's publication record, research interests and potential to conduct high quality, research supporting the climate modelling in Bergen will be considered in the evaluation. The successful candidate will join a lively, interdisciplinary scientific environment where cooperation and collaboration are encouraged, and so should have good team working skills.

The successful candidate will spend 50% of the time at NERSC and 50% at BCCR/Uni-Research. The two centers are located close to each other (10 min walk).

We offer:

- Interesting work in a stimulating research environment.
- Salary according to qualifications.
- Pension scheme.
- Financial help with relocation.
- Possible permanent position.

Applications with subject "Applications BCCR modeller", including full CV and names and e-mails of three references should be sent to admin@nersc.no with copy to Dr. Yongqi Gao (yongqi.gao@nersc.no). The deadline for application submission is January 31th 2017. Further information about the position can be obtained from yongqi.gao@nersc.no.