



Researcher / software developer

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About us

Modern meteorology requires management and analysis of enormous amounts of data, and offers great and exciting professional challenges. Since the institute was established in 1866, the Norwegian meteorologists have played a key role in this development.

Norwegian Meteorological Institute is today a leading international environment of expertise in operational meteorology and climatology.

About the position

The Norwegian Meteorological Institute (MET Norway), Research and Development Department, Division for Remote Sensing and Data Management, seeks 1 researcher to work on the EU funded project ACCIBERG.

MET Norway is one of the leading national and international institutes within weather and ocean forecasting, climate services and distributed data management. The institute has a strong focus on transforming research into services for society, and collaborates actively with other national and international institutions. A large part of the work is externally funded.

The position is related to direct assimilation of satellite brightness temperature observations into a coupled ocean/ice model of the Arctic using Ensemble Kalman-Filter. This includes further developing and tuning parametric forward models of the ocean, sea-ice, and atmosphere microwave brightness temperature.

The work requires good technical and scientific qualifications. The position is temporary for three years and the place of work will be in Oslo.

Required qualifications

- PhD or high-level education in oceanography, meteorology, remote sensing or related sciences
- Expertise in Ensemble Kalman-Filter Data Assimilation
- Experience with developing and running forecast systems (Fortran, Python, HPC, ...)
- Good communication skills writing/oral in English
- Good Norwegian knowledge, or willingness to learn Norwegian

Beneficial qualifications

- Prior experience with assimilation of satellite-based Level-2 or Level-1 data
- Knowledge of microwave radiometry and forward simulation of the signal
- Prior experience in project or work-package management
- Experience with Git

Skills

- Excellent collaboration skills and ability to work independently
- Structured, curious and innovative
- Proactive within the framework of our business
- Ability to define own work tasks in the balance between quality and efficiency (understand what is good enough delivery according to the task)

We offer

- Researcher salary in the range NOK 544 400 – 670 000 depending on qualifications and experience. This range is negotiable for highly skilled candidates.
- Membership in the Norwegian Government Pension Fund, one of the country's best pension schemes with favourable mortgages and good insurance schemes.
- 6 months of mutual probation period.

Contact

Further information on the position can be obtained from the head of division Øystein Godøy (o.godoy@met.no, 9802 4433) or senior scientist Thomas Lavergne (thomasl@met.no, 9176 7184).

Additional information

We emphasize diversity and therefore encourage all those who are qualified to apply regardless of age, gender, functional capacity, ethnic background or gaps in the resume. MET Norway participates in the state's inclusion efforts and aims to get more people with disabilities or gaps in their CVs into work. The working conditions will be facilitated for employees with disabilities. Applicants who inform that they have reduced functional capacity will be invited to interview if they are qualified.

If an applicant does not wish to be registered on the public application list, the applicant will need to give a reasonably argued justification. Information about the applicant can still be published. If the wish to not be registered on the public application list is denied, the applicant will be informed prior to the disclosure.

The application must be submitted electronically, see www.met.no under "Vacancies".



Photo by Annie Everett on Unsplash

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Deadline

31st May 2023

Employer

Norwegian Meteorological Institute (<https://www.met.no/>)

Municipality

Oslo

Scope

Fulltime

Duration

Temporary

Place of service

Vacant positions - Norwegian Meteorological Institute (<https://www.jobbnorge.no/search/en?OrderBy=Published&Period=All&employer=1491>)

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