



NIBIO
NORSK INSTITUTT FOR
BIOØKONOMI

Jobbnorge-ID: 121411

Søknadsfrist: Avsluttet

Nettside:

Omfang:

Varighet:

Post-doctoral Research Position in Ecological Modeling

The Post-doctoral Research Position has its home at the [Department of Forest and Climate](#) which is part of the [Division of Forestry and Forest Resources](#).

Job description

The post-doctoral candidate will participate in a research project that aims to better understand the role of boreal forest management in the mitigation of climate change. He or she will work as part of a multidisciplinary team that quantifies and predicts the influence of management intervention on the mechanisms regulating local and global climate.

The position will be mainly based in Ås, Norway.

Main duties and responsibilities

The position-holder will investigate empirical relationships between forest management and forest structure and its influence on the biological controls governing the exchanges of moisture and energy with the atmosphere. He or she will contribute to the development and evaluation of models for predicting the effects of forest management intervention on surface energy and moisture balances, and will work closely with project partners to evaluate parameterizations in leading land surface modeling schemes. The position-holder will be responsible for managing large geo-referenced datasets and publishing in high-ranking journals.

Professional qualifications

A PhD in geo- or biosciences with experience in modeling the interactions between forest and the atmosphere is required. Candidates must be able to work effectively in English. Knowledge of Norwegian or willingness to learn Norwegian will be evaluated positively.

We are looking for candidates with strong quantitative skills and a peer-reviewed publication record that documents the candidates experience within the research field. Specifically, we will be looking for a candidate with some or all of the following skills:

- Documented experience in writing and publishing high quality scientific papers
- Experience with modeling of terrestrial ecosystems
- Experience with developing and handling large geospatial datasets
- Strong programming skills and a good command of statistics
- Application of GIS software for ecological or climate modeling
- Knowledge of forest ecosystems and/or forestry

Personal qualifications

- Excellent interpersonal and communication skills, preferably in an international environment
- Proactive, with good analytical and problem-solving skills
- Ability to work under pressure and interact with demanding users
- Dedication and enthusiasm to work as part of an ambitious research team
- Ability to collaborate with both internal and external experts with diverse academic backgrounds and skill sets

Salary and benefits

- The position as post-doctoral candidate is a 3 years contract with start as soon as possible.
- The position as post-doctoral candidate code 1352 is remunerated according to salary framework 24, salary grade 57-72 (NOK 483 400 - 640 400 per year) on the Norwegian State Salary Scale, commensurate with qualifications and experience.
- Membership in the Norwegian Public Service Pension Fund, which includes a good occupational pension scheme, occupational injury and group life insurance, and low-interest home loans.

General information

- In accordance with the Norwegian Civil Service equal opportunities policy, qualified candidates are encouraged to apply - regardless of age, gender, functional disabilities or national or ethnic background.
- NIBIO is an inclusive workplace.
- We would like to point out that information about applicants may be subject to public disclosure, in accordance with the Freedom of Information Act (*Offentlighetsloven*), Section 25. An applicant can request to be exempted from inclusion on a public list of applicants. If the request for confidentiality is denied, the applicant will be notified thereof.

Contact persons

- Rasmus Astrup, Head of Research, Division of Forestry and Forest Resources, tel +47 941 51 660
- Ryan Bright, Researcher, Department of Forest and Climate, tel +47 974 77 997

Please send your application with CV electronically via the link on this page.

Take diplomas and letters of recommendation with you if invited to an interview, or submit them as an attachment along with the electronic application/CV.

If you need assistance, filling in your application or CV on www.jobbnorge.no or general questions regarding the system, you can call Jobbborge at: +47 75 54 22 20.

Tilleggsinformasjon

Arbeidssted: