PhD position in Forest and Natural Resource Economics

Apply for this job

About the position

A 100% PhD position in applied ecology is available at Inland Norway University of Applied Sciences (INN), Faculty of Applied Ecology, Agricultural Sciences and Biotechnology. The position will run for 3 years, starting in 01.01.2022. The candidate will be enrolled in INN’s PhD program in applied ecology and biotechnology, with workplace at Campus Evenstad.

The position is one of two PhD positions available as part of a four-year interdisciplinary research project (326843 – Forests and wildlife under pressure – systems analysis for sustainable solutions) financed by the Norwegian Research Council. The PhD will be supervised by a researcher team from HINN and International Institute for Applied Systems Analysis (IIASA) in Austria, with the opportunity of spending up to 6 months at IIASA.

The central aim of the Ph.D. fellowship is to advance and apply state-of-the-art models of the Norwegian forest sector. These include an equilibrium model of forest growth and yields, timber supply and owner attitudes, biodiversity, industrial processing and consumption of wood products and trade as well as greenhouse gas fluxes. The project is to be used in the
evaluation of economic and environmental dimensions of the forest sector in response to select public policy interventions.

The candidate will be supervised by associate professor Hanne Sjølie (HINN), prof. Francisco Aguilar (HINN), Dr. Oskar Franklin (IIASA) and Dr. Cecilie Dyngeland (HINN). More information about the supervisors can be found here:

https://www.inn.no/om-hoegskolen/ansatte/hanne-sjolie

https://www.slu.se/en/ew-cv/francisco-x.-aguilar/

https://iiasa.ac.at/staff/staff.php?type=auto&visibility=visible&search=true&login=franklin

Questions about the position may be addressed to Hanne Sjølie, hanne.sjolie@inn.no

Qualifications

Requirements:

- M.S. degree in forestry, economics, natural sciences, mathematics or statistics, or other relevant discipline with a strong quantitative focus
- Oral and written fluency in English
- Capacity to work independently and ability to succeed in an interdisciplinary environment focused on various dimensions of the forest sector
- Knowledge of programming software such as R, GAMS, Python, Julia, JUMP or other relevant programming language
- Demonstrated result-oriented capacity

Preferred:

- Proficient in computer programming (e.g., R, GAMS, Python, Julia, JUMP)
• Applied research experience documented through published paper(s), or thesis
• Documented experience in computer modeling such as linear programming, optimization, statistical analyses

**How to apply**

• The application and attachments must be submitted electronically and include the following:
  • Application cover letter that summarizes how the candidate’s motivation and how they meet the position requirements.
  • CV (summary of education and work experience).
  • Copies of academic certificates/transcripts.
  • List of minimum 2 references with full contact information.
  • A complete list of scientific and other publications.

Inland Norway University of Applied Sciences aims to balance gender composition in the workforce and recruit people with ethnic minority backgrounds. According to the Norwegian Law “Offentlighetsloven §25.2 ledd”, information about the applicant can be published even if the applicant has requested not to be included in the public list of applicants.

**We offer**

• A research position in an ambitious, expanding, and highly international environment
• Regular and frequent contact with mentors and other colleagues in a cross-disciplinary environment
• Ample opportunities for personal and scientific development inclusive of international research stays in other European countries, and prospective cooperation with US-based researchers
• Access to a global network of researchers through institutional membership into the International Union of Forest Research Organizations, among many others
• Independent and flexible work setting.
Inland Norway University of Applied Sciences (INN University) is home to over 14,000 students and 1,000 employees, and has campuses in Lillehammer, Hamar, Elverum, Rena, Evenstad and Blæstad.

INN University aspires to build strong and enduring academic and research environments that will spearhead regionally, nationally and internationally. We are developing a new and better institution with high academic and pedagogical quality, aiming at achieving university accreditation by 2020.

Our vision is "Stronger Together".

About INN - Campus Evenstad: Evenstad campus is located at the heart of Østerdalen in Stor-Elvdal municipality, approximately 20 km south of Koppang. The campus is known for having a pleasant and inclusive study and academic environment, as well as its wonderful scenic surroundings! Additional information about INN is available online at https://eng.inn.no/about-inn-university/

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Deadline
17th October 2021

Employer
Inland University of Applied Sciences

Municipality
Stor-Elvdal

Scope
Fulltime
Duration
Temporary
Place of service
Evenstad