



NILU
Environmental
Impacts and
Sustainability

Jobbnorge ID: 280007
Deadline: 6/3/2025
Website: <https://www.nilu.no/>
Scope: Fulltime
Duration: Permanent

Research Scientist in Applied Life Cycle Assessment (LCA)

About the position

NILU is an internationally recognized institute dedicated to climate and environmental research. We are committed to advancing sustainable development and facilitating the transition to a circular economy.

To support our expanding research portfolio, we are seeking an experienced Research Scientist specialized in applied Life Cycle Assessment (LCA) to join our dynamic and multidisciplinary team at the Department of Environmental Impacts and Sustainability (IMPACT).

You will actively contribute to high-impact research and innovation work, employing cutting-edge methodologies in Life Cycle Thinking (LCT) to evaluate and enhance the sustainability performance of products, processes, systems, and services. This role offers the opportunity to engage with a broad range of projects in collaboration with prestigious research institutions and industrial partners.

Duties of the position

- Conduct robust, high-quality LCAs for diverse industry sectors while expanding departmental capabilities in developing Type III Environmental Declarations (EPDs)
- Lead data analytics and advanced visualization efforts to effectively communicate research outcomes to both scientific audiences and broader stakeholders
- Collaborate closely with businesses and industries in Norway and internationally, to strengthen our project portfolio actively supporting the transition to a sustainable and circular economy
- Travel for international project collaborations and meetings is an integral part of the role

Qualifications

- Master's or PhD in Industrial Ecology, Environmental Science/Engineering, Industrial Engineering, Product Design, Data Science or related fields
- Proven expertise with advanced LCA methodologies and experience using professional LCA software (e.g., Simapro, OpenLCA, GaBi, Brightway 2)
- Knowledge of various LCA databases, preferably including Social LCA and Life Cycle Costing (LCC)
- Experience with Environmental, Social, and Governance (ESG) frameworks and standards to provide specialized consulting and support businesses
- Strong programming skills, experience with CI/CD pipelines, and proficiency in handling big data using advanced analytical techniques
- Knowledge of Type III Environmental Declarations (EPD)
- Demonstrated experience working effectively with Norwegian industry partners and consistently delivering high-quality project results

Personal qualities

- Exceptional analytical and problem-solving capabilities
- Excellent communication and team collaboration skills
- Fluent in written and spoken English; proficiency in spoken Norwegian is required

We offer

At NILU, we work towards our common future. Our research will contribute to a good climate, healthy environment, and sustainable societal solutions. This means that work is more than just work; what we do each day makes a difference.

At the same time, we believe in a healthy balance between work and leisure. We offer flexible working hours, work-from-home agreements, subsidized fitness training, and excellent pension and insurance schemes. The salary is competitive.

During a working day at NILU, you will encounter:

- An international and interdisciplinary environment with pleasant colleagues from all over the world
- Great creativity and generous sharing of knowledge
- Broad experience and excellent opportunities for professional development
- A global network of partners

Most of our approximately 190 employees work at the main office in Kjeller, a short train ride from Oslo. We also have offices in Tromsø and Trondheim, and a subsidiary in Gothenburg.

Application process

The application should contain:

- Application letter including a statement of motivation and research interests
- CV (summarizing education and positions)
- Copies of educational certificates including grades
- Names and contact details of 3 references

We advise foreign applicants to attach an explanation of their University's grading system.

OBS: Candidates can choose between either the head office at Kjeller or our branch office in Trondheim as their workplace.

About NILU

NILU is a Norwegian, independent climate and environmental research institute founded in 1969.

We started as an institute for air research but have now expanded to research almost all aspects of how people, climate, and the environment affect each other.

Our goal is to attain a better quality of life for everyone! We contribute to this through our research into the composition of the atmosphere, climate change, air quality, environmental toxins, health effects, sustainable systems, circular economy, and digitalization. Together, we enable sustainable solutions for current societal and business challenges.

NILU is operated as a non-profit foundation. This means that all profits go back into the operation and development of socially beneficial research services.

We also attach great importance to open research, open publishing, and open-source code - because knowledge exists to be shared.

Our greatest strength lies in our outstanding employees. They contribute to NILU having a leading position both nationally and internationally - and a pleasant working environment.

At NILU, all employees are equal, regardless of gender, age, functional level, creed/view of life, language, cultural differences, and sexual orientation. We respect and value individual characteristics, and do not accept any form of discrimination. With us, everyone is welcome.

Are you our new employee? We look forward to hearing from you!

Additional information

Contact persons:

- Dr. Gaylord Booto, Seniorforsker
Phone: | E-mail: gabo@nilu.no
- Dr. Cristina Gurreiro, Forskningsdirektør
Phone: | E-mail: cbg@nilu.no

Place of service:

- Instituttveien 18 2007 Kjeller (Lillestrøm Municipality)
- Kjøpmannsgata 8 7013 Trondheim (Trondheim Municipality)