

Postdoctoral researcher



About the workplace

Natural Resources Institute Finland (Luke) is a research organisation working to promote bioeconomy and sustainable use of natural resources. We provide solutions and services based on best available scientific knowledge to our customers. Our research results and services generate added value and sustainability as well as scientific evidence to support decision making. We carry out research on forestry, agriculture, food, game, and fisheries. We also perform statutory services. Natural Resources Institute Finland is one of the four Statistical Authorities in Finland.

Work tasks

Luke invites applications for a 2-year Postdoctoral position. The successful candidate will be appointed to the new ISOBOREAL project funded by European Research Council. She/he is expected to begin on the 1st of March 2018 or soon after.

ISOBOREAL is a new ERC funded project beginning in January 2018. The main goal of the project is to obtain a better understanding of $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ signal in tree rings that can be used to infer the response of boreal forests to climate change. To achieve this, the project will apply several novel approaches. The project is international and in Luke it employs several people, who will be working as a team but with individual responsibilities to tackle the research questions of the project.

The applicant's main responsibilities consist of $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ analysis of organic material. The analytical methods include compound-specific (mainly HPLC-IRMS), laser ablation (LA-IRMS) and bulk (EA-IRMS) isotope analysis. The job includes sample analysis in Switzerland and significant amount of collaboration with the other team members and with national and international collaborators.

We look for a talented candidate who is enthusiastic about research and has excellent track record in a subject related to forest research, stable isotopes and/or climate change studies.

Qualifications

- By the time of employment, the applicant has or will soon obtain a PhD in an appropriate scientific discipline
- Candidates with prior experience in tree ring research, stable isotope analysis, tree physiology and/or compound-specific analysis will be given high priority
- Experience with data processing software, such as SPSS and Excel, is expected
- Proficiency in written and oral English and independent writing skills are required
- Strong team working and communication skills are expected
- Driven, independent personality

Scope of employment

Form of employment: Temporary employment

Scope: Office work

Commencement: 1.3.2018

or as agreed.

Time-limited to: 29.2.2020

Nature of the position.

Application

Last application date: 15.1.2018 16:00

Reference number: 30-414-2017

Send a digital application [via this link](#).

You may also apply for this position by submitting your application to the address below. The job reference of the role must be cited both in the actual application and on the envelope. Applications will not be returned.

Luonnonvarakeskuksen kirjaamo

Latokartanonkaari 9

00790 Helsinki

Salary

Will be determined upon employment.

Employment

Number of positions advertised: 1

Contact

Contact person

Katja Rinne-Garmston

Senior Scientist

029 532 4237

katja.rinne-garmston@luke.fi

Office

Luonnonvarakeskus

Latokartanonkaari 9

00790 Helsinki

Other

Read more: [Natural Resources Institute Finland \(Luke\)](#)

A trial period: 4 months