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PhD student in a Marie Skłodowska-Curie Actions project developing methods for life cycle impact assessment related to water use

A full-time PhD position is available at the Faculty of Food and Nutrition Sciences, University of Iceland. The position is for a period of three years and is part of a multidisciplinary project, FrameBio, where the PhD student will learn and develop methods for Life Cycle Impact Assessment (LCIA) related to water use. The project is funded by the [Marie Skłodowska-Curie Doctoral Network](#) FrameBio, a European training network that aims to develop a multi-component framework for single-cell protein solutions (SCP) that are more environmentally friendly than current protein production systems.

The PhD student will work closely with other PhD students in the FrameBio project, including PhD students at the University of Iceland, DTU and SSSA, who are working on a variety of projects, ranging from product development to advances in sustainability assessment methods, including predictive LCA to identify environmental hot spots and potential opportunities for improvement. Part of the work is carried out for up to six months at the University of Padova in Italy.

Main tasks and responsibilities

- Mapping the state of knowledge on LCIA methods that take green water use into account
- Development of new characterization factors for use in LCA that assess green water use in agriculture
- Participation in training and networking activities within the project
- Teaching and guiding students

Qualification requirements

- Master's degree (120 ECTS) in engineering, food science, environmental science or related disciplines or a comparable degree at an equivalent academic level
- Experience with life cycle assessments (LCA) and development of LCIA methods
- Programming experience, Python is an advantage

- Good English skills, both written and spoken
- Initiative and independent working methods
- Experience with EU-funded or other international research collaboration projects is an advantage
- Collaborative skills and a desire to promote a positive, inclusive, and knowledge-driven research environment

Specific requirements of the grantor

- Applicants must not have resided or worked, studied, etc. in Iceland for more than 12 months in the last 36 months prior to employment.
- Applicants must be in the first four years of their research career, counting from the date of their master's degree, and must not have received a doctorate at the time of appointment.

Salary

The doctoral student's salary will be based on the conditions of the Marie Skłodowska-Curie salary scheme and is in accordance with a grant agreement that stipulates the amount of the grant.

The salary for the position is expected to be EUR 4,528 (living allowance), but an additional EUR 577 (mobility allowance) is paid in accordance with the grant agreement, so that the total amount of salary is EUR 5,106. There is also the possibility of a family allowance where applicable, [more information can be found here](#). The salary will be paid in Icelandic krónur (ISK) according to the current collective agreement between the Ministry of Finance and Economic Affairs and the Association of University Teachers and is subject to Icelandic taxes. Salaries will be calculated in accordance with the development of the exchange rate.

More information about the job

Salaries according to the current collective agreement concluded between the Minister of Finance and Economic Affairs and the Association of University Teachers.

The doctoral student is expected to begin work no later than May 1, 2026, or by further agreement. Appointment is conditional on the student formally applying for and being accepted into the doctoral program at the faculty.

The following documents must accompany the application:

- CV
- A cover letter that discusses how the applicant meets the qualifications set out in the advertisement and what they believe they can contribute to the job.

- Copies of diplomas
- TOEFL or IELTS results
- Copy of passport
- Information about two reviewers

All applications will be responded to and applicants will be notified of the disposition of the position once a decision has been made. Applications are valid for six months from the application deadline.

When hiring for positions at the University of Iceland, the university's equal opportunities program is taken into account [.](#)

Attention is drawn to [the language policy of the University of Iceland](#) .

Since its founding, the University of Iceland has been a foundation for business and progress in Icelandic society. The University is also a progressive research university and an active participant in international scientific collaboration.

The University of Iceland is the largest university in the country and offers nearly 400 undergraduate, master's and doctoral degree programs. Around 14,000 students study at the school, of which over 2,000 are international students.

The University of Iceland employs over 1,800 people. The school focuses on attracting a diverse group of staff and students to an international academic community where academic freedom, professionalism, equality, diversity and inclusion are paramount.

[More about the University of Iceland, its academic fields and faculties](#)

The employment rate is 100%.

The application deadline is 11.02.2026.

For further information, please contact

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Apply for a job



Service provider
University of Iceland

Job information

Job

PhD student in a Marie Skłodowska-Curie Actions project developing methods for life cycle impact assessment related to water use

Location

Capital Region

Employment rate

100%

Job registered

07.01.2026

Application deadline

11.02.2026