

Postdoctoral researcher, Water and Environmental
Engineering
Aalto University

Direct Link: <https://www.AcademicKeys.com/r?job=233872>

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Posted Apr. 2, 2024, set to expire Dec. 30, 2024

Job Title	Postdoctoral researcher, Water and Environmental Engineering
Department	T213 Built Environment
Institution	Aalto University , , Finland
Date Posted	Apr. 2, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Ecological and Environmental Water Resources Engineering
Job Website	https://aalto.wd3.myworkdayjobs.com/aalto/job/Otaniemi-Espoo-Finland/Postdoctoral-researcher--Water-and-Environmental-Engineering_R39266-3

Apply By Email

Job Description

Aalto University in Espoo, Finland is a community of bold thinkers where science and art meet technology and business. We are committed to identifying and solving grand societal challenges, promoting sustainability, and building an innovative future. Aalto has six schools with over 13000 students and a staff of more than 4500, of which 400 are professors.

Aalto University School of Engineering, Department of Built Environment invites applications for Postdoctoral researcher in Water and Environmental Engineering

Water and Environmental Engineering Research Group is seeking a highly motivated individual for a fixed, 3-year position. The post-doctoral researcher will be part of the Water and Environmental

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Engineering research group (more info: [\[url=https://www.aalto.fi/en/department-of-built-environment/water-and-environmental-engineering\]](https://www.aalto.fi/en/department-of-built-environment/water-and-environmental-engineering)Water and Environmental Engineering | Aalto University) The research group carries out multi-disciplinary applied research on water engineering aiming at functional and sustainable societies.

The water and environmental engineering research group contributes to research and offers teaching under following themes: water and wastewater engineering, water and development, water resources management and environmental hydraulics. The group is part of the Sustainable cities -bachelor programme and offers its own Master programme on Water and environmental engineering (WAT). The group consists at the moment of six professors, one university lecturer, one university teacher, two staff scientists, post-doctoral reserachers and doctoral researcher all together about 40 persons. The group operates a well-equipped water laboratory with a pilot hall. Several pilots for physico-chemical and biological treatment processes are in active use in teaching and research.

The selected person will be teaching in the Master programme of Water and Environmental engineering ([\[url=http://aalto.fi/wat\]](http://aalto.fi/wat)<http://aalto.fi/wat>). The selected person is expected to contribute to the development and teaching of a new Master level course focusing on circular economy aspects of Water engineering. In addition, the person will have teaching tasks in other Master level courses and in thesis advising. The person is expected to have skills on impact assessment and modelling of circular economy solutions related to water, nutrients or other resources. Knowledge on technical water and waste infrastructure and systems in built environment is an asset.

The work includes doing own independent research and reinforcing the link between industry and researchers. The specific work description will be agreed upon based on the person's background, strengths and interests and the needs of the research group. The selected post-doctoral researcher is expected to carry out research activities and actively follow the development in the field. The person will become an important member of the WAT research group with the possibility to benefit from the wide training and course offer from Aalto University.

Requirements

The person is required to hold Doctoral degree from the relevant field which is obtained less than five years ago. The person must be able to teach and advise students in English. Finnish and Swedish language skills are considered an asset.

Language skills

The applicants are required to have fluent spoken and written English language skills. Finnish and Swedish language skills are considered an asset.

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Salary

The salary will be set according to the university personnel salary guidelines.

Working hours

Research and teaching staff working hours are based on total work time model which includes 1612 working hours per year.

Additional information

Additional information is available from Assistant Professor Anna Mikola ([url=mailto:anna.mikola@aalto.fi]anna.mikola@aalto.fi) and Professor of Practice Henri Haimi ([url=mailto:henri.haimi @aalto.fi]henri.haimi @aalto.fi). Support with issues related to the applications is given by HR Advisor Kirsi Kärkkäinen ([url=mailto:kirsi.karkkainen@aalto.fi]kirsi.karkkainen@aalto.fi).

Application documents and application period

The application directed to the Dean of the School of Engineering should include * A motivation letter * Curriculum vitae with contact information (recommended template [url=https://tenk.fi/fi/ohjeet-jaaineistot/tutkijan-ansioluettelomalli]https://tenk.fi/fi/ohjeet-jaaineistot/tutkijan-ansioluettelomalli) * List of publications * Information about the pedagogic studies and teaching experience * Other possible documents and recommendations which the applicant wants to include

Application together with attachments must be submitted via the application link (See the link below) at the latest May 15th 2024. All application documents must be submitted in one single pdf file.

If you are already working for Aalto, apply for this position via your Workday profile: Workday -> Find jobs

The application period may be prolonged if suitable applicants have not applied within the original period. Aalto University can also decide not to recruit any of the applicants or consider other possible applicants.

Application process

The recruitment team will select most potential applicants to be interviewed.

Contact Information

Please reference Academickeys in your cover letter when

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applying for or inquiring about this job announcement.

Contact

Finland