

Toyama Prefectural University, Faculty of Engineering, Department of Environmental and Civil Engineering

is seeking a highly motivated and qualified early career researcher for the position of:

Specially Appointed Researcher (Full-time, Fixed-term)

Join us in advancing environmental research to better understand the fate of pollutants in aquatic systems and develop solutions for water purification. Our laboratory conducts interdisciplinary research supported by Japan's Environmental Research and Technology Development Fund and Grants-in-Aid for Scientific Research.

In this role, you will work closely with researchers within and outside the university to investigate the behavior of per- and polyfluoroalkyl substances (PFAS) in groundwater and develop methodologies to identify pollution sources. Your work will involve both field investigations and water quality analysis, as well as predictive simulations using groundwater models.

Responsibilities:

Conduct field surveys and water quality analyses to assess the current status of groundwater contamination by PFAS

Perform modeling and simulation studies using groundwater models to estimate pollutant dynamics and source locations

Collaborate with university and external researchers to coordinate field campaigns and data integration

Contribute to the development of methodologies for pollutant behavior tracking and source attribution

Qualifications:

Master's or Doctoral degree in environmental engineering, environmental science, environmental chemistry, or a related field

At least one peer-reviewed research publication in English (accepted publications may be included)

Research experience in either:

- (a) Water quality analysis with instruments
- (b) Simulation using mathematical or environmental models

Strong analytical and communication skills

Ability to work independently and collaboratively in interdisciplinary research teams

Position Details:

Starting Date: As soon as possible on or after October 1, 2025

Duration: Until March 31, 2026 (renewal up to two years are possible upon performance and funding availability)

Employment Status: Full-time (up to 38 hours and 45 minutes per week)

Location: Imizu, Toyama Prefecture, Japan

Salary:

¥250,000/month for Master's degree holders

¥300,000/month for Doctoral degree holders

(Salary may vary depending on prior experience and university regulations)

Application Documents:

1. Curriculum Vitae (including academic and professional background, photo, and email contact)
2. Copy of highest degree certificate (Master's or Doctoral)
3. List of research achievements (papers, books, presentations, patents, etc.)
4. Reprints or copies of 3–5 major research papers
5. Statement of research experience and interests (approx. 2 A4 pages)
6. Contact information for one reference (name, affiliation, phone, and email)

Application Deadline:

August 31, 2025

Note: Applications will be reviewed on a rolling basis and the call may close once a suitable candidate is selected.

Submission and Contact:

Prof. Keisuke Kuroda

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Additional Notes:

The position may remain unfilled if no suitable candidate is identified.