

Announcement of Faculty Position
Faculty of Geosciences and Civil Engineering,
Institute of Science and Engineering, Kanazawa University

1. Position:

A Tenure-Track (TT) Assistant Professor

2. Affiliation:

Faculty of Geosciences and Civil Engineering, Institute of Science and Engineering, Kanazawa University

3. Field of specification:

Priority area is Hydrospheric Science (including Adaptation to Water-related Disasters, Water Resources Management, River Environment, etc.). Candidates from a variety of relevant research specializations are invited to apply.

4. Responsibilities:

From the perspective of SDGs, the successful candidate will research the hydrospheric science and engineering that will contribute to the realization of a safe and resilient community against water-related disasters, the realization of stable water resource management, and the restoration of river environment under the global warming. It is desirable to promote research works on digital twins by means of numerical simulations, big-data analyses, machine-learning approaches, and integration with different academic disciplines (such as information technology, social science, etc.). The successful candidate will collaborate with other research groups under the framework of “Natural Disaster and Disaster Prevention” formed in Faculty of Geosciences and Civil Engineering.

5. Education:

School of Geoscience and Civil Engineering, College of Science and Engineering
Division of Geosciences and Civil Engineering (Master’s Program), Graduate School of Natural Science and Technology

6. Subject responsible for:

A successful candidate will be mainly in charge of providing lectures on subjects related to Fluid Mechanics, Hydraulics, and Experiments in the School of Geoscience and Civil Engineering. He/She will also be responsible for providing lectures on subjects related to Exercises on Hydraulic Engineering, and Advanced Hydrospheric Science and Engineering in the Graduate School of Natural Science and Technology (TT Assistant Professor is responsible for Master’s Level Section only).

7. Qualification requirements:

Candidates must meet the following requirements.

- (1) The candidates must be researchers who hold a Ph.D. degree at the time of appointment.
- (2) The candidates must have the experience and abilities to expect excellent research and

educational achievements in the future with strong passions.

- (3) The candidates have the ability to conduct research from a broad perspective in a specialized field. In addition, they have the ability and willingness to carry out research and educational activities in collaboration with teaching staffs of faculty of geosciences and civil engineering.
- (4) The candidates should understand the purpose of the development of global human resource in Kanazawa University and are able to provide lectures and research supervision in English. They should have no difficulty in lectures and communication with students and faculty members in Japanese.

8. Appointment date:

April 1st, 2024, or the earliest date thereafter.

9. Period of employment and promotion:

A full-time tenure track assistant professor (non-tenured, in principle, 5-year term)

Based on the results of an internal review by Kanazawa University concerning research and educational achievements, the promotion to tenure associate professorship or the appointment of tenure assistant professor is possible.

If the extension of the tenure track period (up to 3 years) is approved by the internal review, the review will be conducted in the final year of the extended period.

* Outline for the standard in making decision on the approval of academic tenure.

- 1) Research achievement in the concerned field is outstanding in both domestic and international research communities.
- 2) Appropriately planned research is sufficiently achieved.
- 3) Sufficient competitive research funding is obtained.
- 4) Educational achievement for students (research guidance and lecture) is outstanding.

10. Compensation:

Annual salary system is applied.

11. Treatment:

The TT assistant professor would be provided a start-up research fund of approximately 800,000 JPY.

12. Documents for applications:

Applicants must submit the following materials.

- (1) Curriculum Vitae with a recent photograph of the face, describing present address, phone number, e-mail address, academic career, research career, professional career, and others.
- (2) List of research activities, including original scientific papers (refereed and non-refereed), proceedings papers, other publications, presentations in scientific meetings, patents, and others. Note: names of the co-authors in individual papers should be indicated in appearance order.
- (3) Offprints of main published papers (maximum number of papers is three, hard copies are acceptable).

- (4) Detail of research experience (up to two pages).
- (5) Ambition for future research and education (up to two pages).
- (6) Special affairs such as awards and invitation lectures, practical achievements, competitive research funding records.
- (7) A recommendation letter addressing to the Chair of Faculty of Geosciences and Civil Engineering, Kanazawa University, or information on the contact person who can be referred, which contains his/her full name, affiliation, and contact address including telephone number and e-mail address.
- (8) Copy or certificate of diploma (Ph.D.)

For (1), (2), (4), (5), (6) above, please fill in the curriculum vitae located at the following URL.

<https://www.se.kanazawa-u.ac.jp/en/campanies-and-reserchers>

13. Selection process:

After detailed screening of the application documents, selected candidates would be interviewed by the assessment committee for the employment. The interview includes oral presentation on the research achievement and the future research plan at the university. The candidates have to pay travel and other expenses associated with the interview by themselves. The result of selection would be informed directly to each applicant. All the received materials for the application would not be returned to the applicant.

14. Deadline for application:

December 20th, 2023 (due NLT)

15. Materials Submission:

All the materials for the application should be sent as PDF files to:

Prof. Kenji TANIGUCHI

E-mail: taniguti@se.kanazawa-u.ac.jp

*Applicants should be sent with E-mail subject “Application to the open position for Faculty of Geosciences and Civil Engineering (Hydrospheric Science)”.

*The maximum size of one e-mail is 10 MB. If the size of the e-mail exceeds 10 MB, please submit the file(s) by using a file transfer service.

*After receiving the file(s), we will send you a receipt notification by e-mail. If there is no notification of reception within 24 hours, the reception has not been completed. Please send file(s) again.

16. Contact person:

Prof. Kenji TANIGUCHI, Faculty of Geosciences and Civil Engineering, Kanazawa University

E-mail: taniguti@se.kanazawa-u.ac.jp

17. Supplementary information on this employment:

- (1) The website below gives information about employment regulation.

<https://www.kanazawa-u.ac.jp/university/administration/regulation/rules> (in Japanese)

- (2) Kanazawa University also promote the courses delivered in English under the

internationalization policy.

<https://sgu.adm.kanazawa-u.ac.jp/en/kusgu/project.html>

- (3) Kanazawa University supports the development of diversity in the research and education environment.

<https://ipdi.w3.kanazawa-u.ac.jp/en/>

- (4) The Institute of Science and Engineering welcomes applications from female researchers in accordance with the purport of the Basic Act for Gender Equal Society.
- (5) If there is no suitable candidate, we may forgo hiring.