

Call for Applications for Professor Position Earthquake
Research Institute, The University of Tokyo

1. Position title and number:

Professor (one position)

2. Expected hiring date:

As soon as possible after the decision is made

3. Employment term:

Permanent

In accordance with internal regulations regarding the tenure of faculty members, a five-year term limit is applied to faculty members over 55 years of age at the start of the following academic year. Reappointment is possible only once with the approval of the institute's faculty council (however, it cannot exceed the retirement date stipulated in The University of Tokyo's regulations). For details, please refer to the contact information below.

4. Probationary period:

Six months from the date of hire

5. Work location:

Earthquake Research Institute, The University of Tokyo (1-1-1 Yayoi, Bunkyo-ku, Tokyo). Placement changes, concurrent positions, and secondments may be ordered within the range specified by the university (except as a rule, these orders are not against one's will). (For details, refer to Article 4 of The University of Tokyo Employment Regulations for Faculty).

6. Affiliation: Research Center for Computational Earth Science (CESERI)

7. Research field:

Advanced Mathematical and Computational Sciences

Earthquake Research Institute is conducting basic research to mitigate disasters caused by expected great earthquakes beneath the Tokyo metropolitan area and along the Nankai trough. Disasters caused by earthquakes and volcanic eruptions are becoming increasingly severe and complex due to recent environmental changes, and therefore, forecasts of unprecedented disasters are important. We intend to develop a disaster forecast system based on the integrated evaluation of comprehensive processes from the occurrence of earthquakes and volcanic eruptions, destruction of structures, to economic losses, by using new detailed digital twins constructed from theories, experiments, and data from the fields of science, engineering, and economics. This position seeks an individual who will propel physics-based numerical simulation research for earthquake and volcanic disaster forecasts by developing a novel computation method and implementing numerical analysis applications. The candidate is expected to lead international interdisciplinary research integrating science, engineering, and

economics and to contribute to the education of global talent through graduate-level teaching.

8. Working hours:

Deemed as working 7 hours and 45 minutes per day under the discretionary labor system for professional work

9. Holidays:

Saturdays, Sundays, public holidays, year-end and New Year holidays (December 29 to January 3)

10. Leave:

Annual paid leaves, special leaves, etc.

11. Salary and benefits

Determined based on academic background, work experience, etc., with a salary increase system.

Reference: Monthly salary of approximately 340,000 yen for those with a doctoral degree

Allowances: Bonuses (twice a year), commuting allowance (up to 55,000 yen per month in principle), and other allowances according to university regulations

12. Insurance:

Enrollment in the Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association, employment insurance, and workers' compensation insurance, as required by law

13. Eligibility:

Must hold a doctoral degree (including equivalent degrees obtained abroad)

14. Application documents:

One copy of each

(1) Curriculum Vitae (including academic and employment history, with attached photo).

Use the University of Tokyo Standard Resume Format (downloadable from the URL below)

<https://www.u-tokyo.ac.jp/en/about/jobs.html>

Refer to the "Instructions for Completing the Resume" and "Example 2 (Faculty Members (Sciences))" when filling it out.

(2) List of research achievements (distinguishing between peer-reviewed and non-peer-reviewed articles, including articles under submission).

(3) Copies of about three major papers (photocopies acceptable)

(4) Summary of research achievements (approximately 1000 words)

- (5) Research and education plans (approximately 1000 words)
- (6) Declaration form regarding any past criminal penalties, administrative sanctions, and disciplinary actions due to sexual harassment, sexual violence, etc. (designated form to be obtained from the administrative team in charge of personnel)
- (7) Names, contact information, and email addresses of two references who can provide opinions about the applicant

15. Application submission:

Online application

Send an email with the subject “Professor Application in Advanced Mathematical and Computational Sciences” to the administrative team in charge of personnel. The team provides a folder for document submission, and applicants must save all application documents in the folder by the application deadline.

16. Contact information

Earthquake Research Institute, The University of Tokyo, Administrative Team (Personnel)

Email: jinji%eri.u-tokyo.ac.jp (replace % with @)

Phone: +81-3-5841-8789

17. Application deadline:

Must arrive by 5:00 PM (Japan Standard Time, UTC + 9h) on Friday, October 10, 2025

18. Inquiry contact:

Naoyuki KATO, Collaboration Center for Earthquake and Volcano Research, Earthquake Research Institute, The University of Tokyo

Email: nkato%eri.u-tokyo.ac.jp (replace % with @)

Phone: +81-3-5841-5812

19. Recruiting Organization Name:

The University of Tokyo

20. Other:

The personal information obtained will not be used for any purpose other than personnel selection.

The University of Tokyo emphasizes gender balance and inclusiveness, accepting diverse and excellent researchers from domestic and international backgrounds, promoting the creation of new academic knowledge through dialogue among researchers from different perspectives, and welcoming applications from female, foreign, and disabled researchers. Those who have had periods of research interruption due to childcare, caregiving, childbirth, etc., can describe this in their application documents. Based on the “Declaration for the Acceleration of Gender Equality at The University of Tokyo (March 3, 2009),” active

Applications from women are welcome.

If, at the time of employment, the applicant has contracts with foreign entities or governments or receives significant benefits from foreign governments, certain technology sharing may be restricted by foreign exchange law, which could make it difficult to fulfill duties as a university employee. In such cases, it is necessary to limit such contracts and benefits to a range that does not hinder the necessary sharing of technology for job duties.

Measures to prevent passive smoking: No smoking on the premises (smoking areas available outdoors).

