

Announcement for Project Research Associate／Project Researcher position

1. Job title/recruitment number: Project Research Associate or Project Researcher / 1
2. Working style: Full-time (Fixed-term Project Academic and Administrative Staff)
3. Location: Dai Yamazaki Laboratory, Department of Human and Social Systems, Institute of Industrial Science, the University of Tokyo
4. Place of Work: 4-6-1 Komaba Meguro-ku, Tokyo 153-8505, Japan
5. Job Description:

As part of the research plan of the Grants-in-Aid for Scientific Research "Pioneering global terrestrial hydrodynamics with satellite earth observations", we will work on one of the following researches.

※Project period (until March 2026)

- [1] Terrestrial water circulation monitoring by surface water data assimilation using a global river hydrodynamic model and satellite surface water observation data
 - Development of data assimilation system for a global river hydrodynamics model
 - Development of river discharge estimation method considering human activities such as water withdrawal
 - Establishment of terrestrial water cycle reanalysis product
- [2] Validation and calibration of a global river hydrodynamic model using satellite surface water observation data
 - Improvement of the performance benchmark system for global river models
 - Global-scale optimization of river model parameters

*If you would like more information about the research theme, please contact Yamazaki (see 18. contact) by e-mail before applying.

6. Eligibility:

Those who have or are expected to obtain a doctoral degree.

Or those who have equivalent professional skills and knowledge.

Those who have knowledge and experience in one or more of the following fields

- Model development in geoscience or hydrology
- Data assimilation in the fields of geoscience or hydrology
- Accuracy evaluation of hydrological model and its parameter calibration

7. Wages and Compensations:

To be determined in accordance with The University of Tokyo Regulations. A monthly payment of JPY350,000 or more, based on experience, achievements, etc., not exceeding JPY500,000 per month. (Including achievement allowance.)

Commuting allowance will be provided in accordance with The university of Tokyo

Regulations.(JPY55,000 per month at maximum). There is no pay raise system within the contract period.

8.Working days:Work 5 days a week (Monday to Friday)

*Day offs: Saturdays and Sundays; Statutory public holidays of Japan; Year-end and New Year holidays (December 29 through January 3).

9.Working hours:

Discretionary labor system for professional work applies and working hours will be deemed as 7 hours 45 minutes per day, or 38 hours 45 minutes per week.

10.Leaves: Annual Paid Leave, Special Leave, etc.

11.Social insurance:

Eligible for MEXT* Mutual Aid Association membership, employees'pension, employment insurance, and workers' accident compensation insurance. (*MEXT: Japan's Ministry of Education, Culture, Sports, Science and Technology)

12. Contract Term:

The first-year contract will be ended on March 31, 2024.

The contract is renewable on a fiscal year basis (from April 1 to March 31; every year) according to the following relevant factors, such as budget status, progress of the work assigned, the amount of the work at the end of the term, applicant's performance, work record, and attitude, and applicant's medical conditions.

*Probationary period is 14 days from the date of arrival.

13.Expected recruitment date:

As early as possible after one month from the recruitment decision (negotiable)

14.Application Materials:

- 1) Curriculum Vitae (your photo should be included)
- 2) A List of full publications
- 3) Overview of research achievements to date (1 to 2 A4 sheets).
- 4) A letter of recommendation or contact details from two academic referees

15. Application Submission:

One PDF file including the documents above should be sent to the following e-mail

address. The subject line of the e-mail should be “Application for a Project Research Associate/project researcher”.

Dai Yamazaki, Associate Professor, Institute of Industrial Science, The University of Tokyo

E-mail: yamadai@iis.u-tokyo.ac.jp

16. Application period: May 8, 2023 Deadline for receipt

17. Selection method: All applications will be screened, and only those qualified will be scheduled for an interview (online).

18. Contact:

Dai Yamazaki, Associate professor, Institute of Industrial Science, The University of Tokyo

4-6-1 Komaba, Meguro-ku, Tokyo, 153-8505, Japan

Tel: 03-5452-6381 E-mail: yamadai@iis.u-tokyo.ac.jp

19. Recruiter Name: The University of Tokyo

20. The measures against second-hand smoking

Smoking is not allowed on campus grounds. (only permitted in designated areas outside.)

21. Others

- Personal information is handled carefully according to the Privacy Policy of the University of Tokyo, and will be used only for this job selection process.
- Submitted documents will not be returned.
- If you are personally in contract with foreign governmental bodies, corporations or universities, or you are in receipt of a large benefit (financial or any other form) from foreign governmental bodies during the period of your employment, the provisions of the Foreign Exchange and Foreign Trade Act (FEFTA) may prohibit or restrict the sharing of technology that are designated as controlled technology possibly making it difficult for you to fulfill your duties as an academic or administrative staff of the university as a result. Therefore, in such cases it is necessary to keep such contracts/benefits within the scope where it does not hinder the sharing of technologies necessary for your duties by the university.
- The recruitment details are based on the currently applicable employment

regulations, so if there are any amendments to the regulations by the time of hiring, they will be based on the amended regulations.