

Announcement for Project Researcher Position

Yoshimura Lab. in Institute of Industrial Science, The University of Tokyo, is seeking a highly motivated postdoctoral researcher to study on improvement of precipitation prediction using machine learning and advancement of land surface hydrological prediction.

1. Job title/recruitment number: 1 Project Researcher (Postdoctoral Fellow)

2. Working style: Full-time (Fixed-term Project Academic and Administrative Staff)

3. Location: Yoshimura Laboratory, Institute of Industrial Science, The University of Tokyo

4. Place of Work: 5-1-5 Kashiwanoha, Kashiwa City, Chiba, Japan

5. Job Description:

In our laboratory, we are conducting research on the elucidation and prediction of the mechanism of global water and material cycles using global and regional climate models and high-speed computers. In this job, under the research project “Development and evaluation of the land surface hydrological model system in Japan and examination of its application to global models” funded by the Japan Aerospace Exploration Agency (PI: Professor Yoshimura Kei, Institute of Industrial Science, The University of Tokyo), a successful applicant will study on improvement of precipitation prediction using machine learning and advancement of land surface hydrological prediction as a part of development and operation of Today's Earth System (<https://www.eorc.jaxa.jp/water>).

6. Eligibility

A Ph.D. degree or equivalent is necessary. We welcome applicants who are passionate about machine learning, data assimilation, and construction and operation of real-time hydrological warning system.

Good communication skill in English.

7. Contract Term: From the date as early as possible until March 31, 2021

*The first-year contract will be ended on March 31, 2021. 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 6 months from the date of arrival.

8. Wages and Compensations: To be determined in accordance with The University of Tokyo Regulations. A monthly payment of JPY280,000 or more, based on experience, achievements, etc., not exceeding JPY500,000 per month. (Including achievement allowance.) Commuting allowance is JPY55,000 per month at maximum. There is no pay raise system within the contract period.

9. 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).

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

10. 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.

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. Documents to be submitted in English or Japanese:

(1) The University of Tokyo Standard Resume Format

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

(2) Overview of research achievements to date (1 to 2 A4 sheets)

(3) Publication list (categorized into peer-reviewed articles and other reviews and books)

(4) Main reprints of original papers (copy permitted) within 3

(5) Future research plans and aspirations (1 or 2 A4 sheets)

(6) Name and contact address for two references

13. Application deadline: Monday, August 31, 2020

*The search will be closed when the position is filled

14. Selection method: All applications will be screened, and only those qualified will be scheduled for an interview (on-site or online). Travel cost will not be paid in screening process.

15. Sending documents: Interested applicants should send application materials to: kei#iis.u-tokyo.ac.jp (Please replace # with @ before using this email address)

16. Recruiter Name: The University of Tokyo

17. 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.
- We welcome proactive application from women in accordance with promoting gender equality.