

Announcement for Project Researcher Position

Yoshimura Laboratory in Institute of Industrial Science, The University of Tokyo, is seeking a highly motivated postdoctoral researcher to work on the development and improvement of a land model, Integrated Land Simulator. The primary focus will be on improving flood forecasting to mitigate flood disasters. This role involves studying global water cycle systems and understanding their impacts due to climate change.

1. Job title/recruitment number: 1 Project Researcher

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:

Yoshimura Laboratory in IIS/U-Tokyo is conducting research to elucidate the mechanisms of the global water and energy cycles. We utilize both global and regional climate models, along with high-performance computing. The successful candidate will develop and enhance a land model, Integrated Land Simulator, to improve flood forecasting and climate prediction.

6. Qualifications

A Ph.D. degree or equivalent is required. The ideal candidate will have experience in programming and working with supercomputing environment. We welcome candidates who have an interest in global water cycles, their impact due to climate change, and in mitigating flood damage, and who are passionate about model development. Prior research experience in this specific area is not mandatory.

7. Term: Negotiable-July 1, 2024

*The first contract will be ended on March 31, 2025. The contract is renewable on a fiscal year basis (from April 1 to March 31; every year) according to the following factors: All relevant factors, such as budget status, progress of the work assigned to you, the amount of the work at the end of the term, your performance, work record, and attitude, and/or your medical conditions.

* Probationary period is 14 days 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 JPY55,000 per month at maximum. There is no pay raise system.

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

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

* Leave: 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. Days off Saturdays, Sundays, national holidays and end-of-year holidays (December 29 to January 3).

12. 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)

13. 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

14. Applications deadline: Friday, March 15, 2024

*The deadline will be closed when the position is filled

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

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

17. Recruiter Name: The University of Tokyo

18. The measures against second-hand smoking :
Smoking is not allowed on campus grounds. (only permitted in designated areas outside.)

19. Others:

- Personal information is handled carefully according to the Privacy Policy of the University of Tokyo, and will be used only for the job selection process.
- Submitted documents will not be returned.
- We welcome proactive application from women in accordance with promoting gender equality.
- 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.