Announcement for Project Researcher Position

Yoshimura Laboratory in Institute of Industrial Science, The University of Tokyo, is seeking a highly motivated postdoctoral researcher who works on the development and improvement of the land surface model to investigate the global water cycle systems and to solve the issues of climate change.

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:
Yoshimura Laboratory in IIS/U-Tokyo is conducting research to elucidate the mechanisms of the global water cycle and its biogeochemical interactions. As part of this research, in the "Joint Research on Water Circulation Models for Atmosphere, Land Surface and Economic Water Use" with the NTT (Nippon Telegraph and Telephone Public Corporation) group, we focus on coupling atmospheric, land surface, and economic water use models to evaluate the impact in the natural environment and socioeconomy due to policy and social changes. The successful applicant will develop a surrogate model for the existing land surface model and couple it with an atmospheric model and an economic water use model to realize an efficient and highly functional water cycle simulation that can be used for climate change adaptation measures and contribute to solving various social problems caused by climate change. The actual implementation of the research will be flexible, depending on the applicant’s research preferences.

6. Qualifications
A Ph.D. degree or equivalent is required. The ideal candidate will have a particular intellectual curiosity about the global hydrological cycle and its impact on climate change, and a passion for elucidating it. Experience in using and improving land surface models and creating surrogate models is a plus, but not required.
7. Term: Negotiable-March 31, 2023
*The first contract will be ended on March 31, 2023. 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 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 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: Thursday, April 28, 2022
   *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. 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.