

**Recruit Information for Project Researcher (Fixed-Term Project Staff), in Institute of Engineering  
Innovation, School of Engineering, the University of Tokyo**

1. Title and Hiring Numbers: Project Researchers, one
2. Term of Employment As soon as possible after April 1, 2023 to March 31, 2024
3. Renewal of Contract The contract is renewable on a fiscal year basis (from April 1 to March 31) contingent upon all relevant factors, which include funding status, job performance, work record and health conditions.  
Contract is until March 31, 2027 at the longest.
4. Probation Period 6 months from the date of employment.
5. Place of Work Asano Campus, the University of Tokyo (2-11-16, Yayoi, Bunkyo-ku, Tokyo)
6. Affiliation Sawada Laboratory, Institute of Engineering Innovation  
(<https://sites.google.com/view/sawadaresearchgroup/home>)  
  
\* Your affiliation may be changed subject to necessity of the business
7. Contents of Work Duties: We are looking for a post-doc researcher who will be involved in our project "Uncertainty Quantification of coupled weather-society system" that is the branch of Moonshot R&D project "Control theory of weather-society coupling systems for supporting decision making" (<https://www.wescos.t.u-tokyo.ac.jp/en/>).
- The post-doc researcher will innovate the simulation and prediction of tropical cyclones. In cooperation with scientists in the other branches of the project, they will also investigate the controllability of tropical cyclones. The data-driven approach will be investigated to maximize the potential of numerical atmospheric models. Specifically, the topics of the post-doc researcher will be related to parameter optimization of physics schemes and its uncertainty estimation, data assimilation, and ensemble methods.
- The expected experiences of applicants are the following. We expect that applicants have research experiences in one of those fields.  
1: Development and/or applications of earth scientific models such as atmospheric and hydrologic models  
2: Statistical mathematics such as dynamic systems theory, data assimilation, uncertainty quantification, optimization, and machine learning  
3: High performance computing.
8. Working Hours Discretionary work system for professional work applies and working hours will be deemed as 7 hours and 45 minutes per day.
9. Days off Saturdays, Sundays, Holidays, and the year-end and New Year holidays (December 29 to January 3)
10. Leave: Annual Paid Leave and Special Leave
11. Wages: Annual Salary System applies and monthly paid salary will be a range of JPY 370,000 to JPY 500,000 including performance and achievement allowance.  
The salary will be decided by taking your qualifications, capacity, and experience into account.  
Commuting allowance is JPY 55,000 per month at maximum.
12. Insurance: Eligible for the insurance from the Mutual Aid Association of Ministry of Education, Culture, Sports, Science and Technology and Employment Insurance.
13. Accident Compensation Work-related accidents and commuting accidents are covered by the Industrial Accident Compensation Insurance Act and the University of Tokyo's Teacher and Staff Act Non-Compliance Accident Compensation Regulations.
14. Qualification Requirements Those who have a doctoral degree, or those who are expected to acquire it by the date of employment.
15. Documents to be Submitted: 1) Curriculum Vitae  
2) Overview of your research activities so far and future prospects (2 pages A4 sheets).  
3) Contact information of a professional reference (name, affiliation, and e-mail address)
16. Submission Method All application materials should be submitted as e-mail attachments. Send them to the e-mail address shown below in 18. Contact. Title of this e-mail should be "Application of a project researcher in Sawada Lab, The University of Tokyo."  
If you do not receive our response within three working days, please let us know.
17. Deadline January 31, 2023  
We may close this application earlier when we find the appropriate candidates.  
Selection will be made based on application screening and interviews. You will be noticed whether you are selected as an interviewee after this deadline.
18. Contact 2-11-16, Yayoi, Bunkyo-ku, Tokyo, 113-8656  
Sawada Laboratory, Institute of Engineering Innovation, School of Engineering  
Yohei Sawada e-mail:yohei.sawada[at]sogo.t.u-tokyo.ac.jp (change [at] to @)  
The University of Tokyo
19. Recruiter Name The University of Tokyo
20. Status of measures to prevent passive smoking: Smoking is prohibited on the premises (smoking areas are located outside)
21. Notice 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.
22. Others Personal information is handled carefully according to the Privacy Policy of The University of Tokyo, and will be used only for this recruitment purposes. Submitted documents will not be returned. We welcome proactive application from women in accordance with "The University of Tokyo, Declaration for Promoting Gender Equality".