Call for Applications: Project Researcher Position at River and Environmental Engineering Laboratory, Department of Civil Engineering, Graduate School of Engineering, The University of Tokyo

1.Job Title and Number of Positions:	Project Researcher (Fixed-term Academic Staff) - 1 position
2.Contract period:	From April 1, 2027 to March 31, 2028
3.Contract Renewal:	Renewal may be possible. If renewed, the contract will be extended annually, up to a maximum of two times. The maximum period of employment is until March 31, 2030, and no further renewals will be made thereafter. Renewal decisions will be based on factors such as research progress, work performance, work attitude, health condition, budget status, and workload at the time of contract expiration.
4.Probation Period:	14 days from the date of appointment.
5.Work Location:	The University of Tokyo, Hongo Campus (7-3-1 Hongo, Bunkyo-ku, Tokyo, Japan) Nearest Stations: Nezu Station (Chiyoda Line) – 12 minutes on foot Todaimae Station (Namboku Line) – 10 minutes on foot Hongo-sanchome Station (Marunouchi Line) – 15 minutes on foot Scope of change: In principle, within the same department
6.Affiliation:	Department of Civil Engineering, River and Environmental Engineering Laboratory, Mathematical Hydro-disaster Science Group (Sawada Group) https://sites.google.com/view/sawadaresearchgroup/home Subject to change: depending on operational needs.
7.Job Description:	**Research and Development of Next-Generation AI-Based Weather Forecast Post-Processing and Downscaling** The successful candidate will conduct research and development on next-generation weather forecast post-processing and downscaling methods. The methods will use forecasts from both physics-based and AI-based global weather prediction models as input and generate low-bias predictions of near-surface atmospheric and marine conditions at spatial scales finer than those of the original global models. The research will primarily focus on machine-learning-based approaches and aims to establish a post-processing and downscaling framework that satisfies the following three requirements: (1) flexibility to accommodate forecasts from a wide range of global weather prediction models; (2) low computational costs for both model training and inference; and (3) high predictive accuracy for high-impact weather events that significantly affect human activities. The ultimate goal is to develop a methodology that can become the next-generation de facto standard for weather forecast post-processing and downscaling. Scope of change: The appointee may be assigned other tasks, hold concurrent positions, or be seconded to other organizations.
8.Working days and hours:	Deemed as having worked 7 hours and 45 minutes per day, 5 days a week, under the discretionary labor system for professional work.
9.Holidays:	Saturdays, Sundays, national holidays, and December 29 to January 3.
10.Leave:	Annual paid leave, special leave, etc., granted in accordance with employment regulations.
11.Salary and Benefits:	Annual salary system applies. Monthly salary will be determined within the range of 380,000 to 420,000 JPY, including performance-related allowances, based on qualifications, skills, and experience. Commuting allowance: Paid according to our regulations, up to 55,000 JPY/month, if eligibility criteria are met. No retirement allowance or bonus. Salary is, in principle, paid on the 17th of each month.
12.Insurance:	Enrollment in the Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association and employment insurance.
13.Workers' Compensation:	Coverage for work-related injuries and commuting accidents under the Industrial Accident Compensation Insurance Act and the University of Tokyo's non-statutory disaster compensation regulations for faculty and staff.
14.Qualifications:	Applicants must hold a doctoral degree or be expected to obtain one by April 2027.
15.Application Documents:	① The University of Tokyo Standard Resume Form (download and complete from the following URL): https://www.u-tokyo.ac.jp/en/about/jobs.html ② Curriculum Vitae (including academic background, publication list, conference presentations, experience with external funding) ③ Essay summarizing past research and future plans (approximately 3 pages) ④ Name and email address of one reference who can provide an opinion on the applicant
16.Application Method:	Send the above documents as electronic files to the email address listed under "Application Submission Address" below. Email subject line should be: "Application Documents for Project Researcher Position in River and Environmental Engineering Laboratory, Department of Civil Engineering" If you do not receive a confirmation email within 2–3 business days, please contact us.
17.Application Deadline:	Must arrive by Wednesday, September 30, 2026 Applicants will be notified after document screening whether they are selected for an interview.
18.Application Submission Address:	7-3-1 Hongo, Bunkyo-ku, Tokyo 113-8656, Japan River and Environmental Engineering Laboratory, Department of Civil Engineering, Graduate School of Engineering, The University of Tokyo Contact: Yohei Sawada Email:yoheisawada@g.ecc.u-tokyo.ac.jp
19.Name of Recruiter:	The University of Tokyo
20.Smoking Policy:	Smoking is prohibited on the premises. Smoking areas are designated outdoors.
21.Note:	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.Other:	Application documents will only be used for the purpose of this recruitment. Personal information will not be disclosed, transferred, or lent to third parties without legitimate reason. Application documents will not be returned. For details on working conditions, please refer to the University of Tokyo's Employment Regulations for Fixed-Term Academic Staff. https://www.u-tokyo.ac.jp/en/about/rules_main.html The University of Tokyo is committed to gender equality and encourages applications from women.