

## **Announcement for Postdoctoral Researcher position**

The Masaki Satoh research group in the Atmosphere and Ocean Research Institute, University of Tokyo, is seeking a highly motivated postdoctoral researcher to work on the internal structure dynamics of tropical cyclones using numerical models.

1. Title: Project Researcher (Postdoctoral Fellow)

2. Term of Employment: December 1, 2022, to March 31, 2023 (The starting date is adjustable)

3. Renewal of Contract:

The contract is renewable on a fiscal year basis (from April 1 to March 31; every year) contingent upon all relevant factors, including funding status, job performance, work record and medical conditions. The contract is until March 31, 2027, at the longest.

4. Probation Period: 6 months from the date of employment

5. Place of Work: Atmosphere and Ocean Research Institute, The University of Tokyo, 5-1-5 Kashiwanoha, Kashiwa, Chiba 277-8564, Japan

6. Job Description:

The successful applicant will be engaged in elucidating the dependence of tropical cyclone intensity changes on perturbations through understanding the mechanism of typhoon internal structure dynamics under the research title of "Development of Highly Accurate Prediction Model and Mechanism Analysis of Effective Human Control Methods" (Research supervisor: Masaki Satoh), a research project of the Japan Science and Technology Agency (JST) Moon Shot Type Research and Development Project. The project aims to develop a highly accurate numerical prediction model that represents the internal structure of typhoons in detail and numerically presents effective typhoon control methods.

7. Working hours: Discretionary labor system for professional work applies, and working hours will be deemed as 7 hours 45 minutes per day

8. Days off: Saturdays and Sundays; Public holidays of Japan; Year-end and New year holidays (December 29 through January 3)

9. Leave: Annual Paid Leave, Special Leave, etc.

10. Wages and Compensations:

Annual Salary System applies, and the monthly paid salary will be around JPY380,000 to JPY400,000, including performance/achievement allowance, according to qualification, experience, performance etc. Commuter Allowance (up to JPY55,000 per month) will also be supplied.

12. Insurance:

Automatically enrolled in the insurance from the Mutual Aid Association of MEXT (Ministry of Education, Culture, Sports, Science and Technology) and Employment Insurance.

13. Qualification required: Ph.D. or equivalent in atmospheric science or a related field and good communication skill in English

14. Applications and Selection Process:

Applications deadline: October 31, 2022

Application documents: Cover letter, Curriculum Vitae, Publication list, Introduction of past research (one page), Research plan (one page), Name and contact address for two references.

Submission: Applicants should send application documents to: [soumu-recruit@aori.u-tokyo.ac.jp](mailto:soumu-recruit@aori.u-tokyo.ac.jp).

Selection Process: All applications will be screened, and only those qualified will be scheduled for an interview (on-site or virtual)

15. Point of Contact:

Prof. Masaki Satoh

Atmosphere and Ocean Research Institute, University of Tokyo

5-1-5 Kashiwanoha, Kashiwa, Chiba 277-8564, Japan; E-mail: [satoh@aori.u-tokyo.ac.jp](mailto:satoh@aori.u-tokyo.ac.jp)

16. Name of Recruiter: The University of Tokyo