

Job Information:

Specially Appointed Associate Professor / Lecturer/ Assistant Professor

Employer: Yokohama National University (YNU)

Closing date: November 30, 2023

1. Job Title: Specially Appointed Associate Professor / Associate Professor/Lecturer

2. Affiliation / charge: Typhoon Science and Technology Research Center (TRC), Institute for Multidisciplinary Sciences (IMS)

3. The number of positions: a few

4. Starting date: December 1, 2023* or later (negotiable)

*If you wish to start on December 1, please apply by October 6.

5. Terms of employment:

Full-time(Non-tenured). Contract until March 31, 2024

Beyond this date, the contract can be renewed on a yearly basis, with a maximum duration of March 31, 2025. The renewal of the contract will depend on your performance as well as the University's staffing needs and budget. You will receive a notification regarding the contract extension at least 30 days in advance. There is a six-month trial period.

6. Compensation:

Annual salary system applied in accordance with the regulations of National University Corporation Yokohama National University: Estimated to be between 5.4 million yen and 6.6 million yen per year, including benefits and commuting expenses. The final offer will depend on your experience and age. The salary will be paid monthly.

Under the application of the discretionary labor system, the employee is considered to have worked 38 hours and 45 minutes per week.

Leaves and various insurances such as the Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association, Employee pension insurance, unemployment insurance and workers' accident compensation insurance are provided.

7. Research field / specialty area:

Area1. Meteorology, especially for Tropical cyclone

Area2. Computational & Computer sciences

Area3. Data driven sciences, Machine Learning

8.Duties / Research description

The main responsibilities of this position are to research for the meteorological aspects of typhoons, such as their structure, internal dynamics, development process, and decaying process. You will lead to new discoveries, and in addition to these, to create new products by using new analytical methods and by adding new explanatory variables. If the selected candidate is a meteorologist, one will focus on meteorological approaches, and if the candidate is an information scientist, one will focus on data-driven science as one is tackle the aforementioned studies.

Research description:

TRC is a research center that accelerates the development of new academic fields related to typhoons and the implementation of new technologies in society through collaboration between typhoon researchers from all over Japan and the university's unique research fields of electrochemistry, ship engineering, information engineering, law, and economic management, as well as through cooperation with the Fujitsu-Yokohama National University Typhoon Research Laboratory. This is a research center that accelerates the development of new typhoon-related academic fields and the implementation of new technologies in society.

Other duties:

Responsible for administrative and other tasks within the laboratory and related projects

9.Selection Method

After the initial document screening, successful candidates will be invited for an interview and do presentation. Web interviews are available upon request. If there is no suitable candidate, the final candidate may not be selected (transportation expenses, accommodation expenses, etc., to attend the interview will be the applicant's burden).

10.Qualifications / requirements

- You have a doctoral degree or expect to obtain it before employment.
- You are passionate about developing state-of-the-art computational technologies and Meteorology.
- Any background in experimental research in the fields of data-science, machine learning, meteorology, and tropical-cyclone studies is seen as an asset.

- You have excellent English communication skills in both speaking and writing.
- Knowing Japanese is unnecessary, but any knowledge or intention to learn is a plus.

11. Documents to be submitted

- (1) Resume (with photo)
- (2) Achievement list (Indicate 3 of your significant publications)
- (3) Research summary and future research aspirations (one to two A4-sheets)
- (4) Two references (optional): name, position, relation, and contact details (phone number/e-mail)

12. Application closing date

November 30, 2023 Deadline for receipt.

Application will be closed as soon as qualified candidates are selected.

13. Submission

Application documents should be in one document file in PDF format and be uploaded by the FileSender service of the National Institute of Informatics (NII). Please contact Ryuji Yoshida, Associate Professor at TRC for the uploading link.

14. Employer (recruiter)

President of Yokohama National University

15. Contact information

Ryuji Yoshida, Associate Professor, Typhoon Science and Technology Research Center, Institute for Multidisciplinary Sciences, Yokohama National University

Phone: (+81)45-339-3358

Email address: yoshida-ryuji-km999ynu.ac.jp

<please replace 999 with @ in the email address.>

TRC HP: <https://trc.ynu.ac.jp/>

IMS HP: <https://ims.ynu.ac.jp/>

*Submitted documents will not be returned.

*All submitted documents will only be used for the purpose of the application process. Once the selection is finalized, the university will ensure the secure disposal of these documents in accordance with its rules.

*Our university welcomes the active application of women and individuals with experience in education and research overseas, based on the spirit of the Yokohama National University Declaration of Gender Equality and from the perspective of aiming for diversity of human resources.

*No smoking on campus (designated smoking areas are located outdoors)