

Job opportunity in Institute for Space-Earth Environmental Research, Nagoya University
(ISEE job opportunity announcement No.8 FY2025)

1. Job title and number of positions

Designated Assistant Professor, 1 position

2. Employer

Tokai National Higher Education and Research System (THERS)

3. Affiliation

Center for International Collaborative Research (CICR), Institute for Space-Earth Environmental Research (ISEE), Nagoya University

4. Job description

(Immediately after hired) The successful candidate is expected to work actively on the project "Characterizing the properties of European boreal aerosols and their relation to climatic processes", which is a joint research project between Institute for Space-Earth Environmental Research (ISEE), Nagoya University and Institute for Atmospheric and Earth System Research (INAR), the University of Helsinki. The expected research activities are: (1) characterizing European boreal forest aerosols based on mass spectrometry and other types of analysis of physico-chemical properties for aerosol samples collected on filters, with a focus on organic component, and (2) characterizing the aerosols from the viewpoints of emissions, formation, and transport, and inferring the roles of the aerosols on climatic processes. Based on activities 1 and 2, she/he is expected to present the results at scientific conferences and publish scientific papers. The work will be performed under the supervision and mentorship by Professor Michihiro Mochida in ISEE, and also by Professor Tuukka Petäjä in INAR, the University of Helsinki. The successful candidate is expected to have professional knowledge and research experience in observation-based atmospheric aerosol studies. Applications are welcome from those with good experience in aerosol mass spectrometry or other types of mass spectrometry, and data analysis for aerosol-related processes is an advantage. Proficiency in English (written and oral) is required.
(Scope of changes) Tasks specified by the Tokai National Higher Education and Research System.

Work locations: (immediately after hired) Chikusa Ward, Nagoya City, Aichi Prefecture; (scope of change) work location designated by Tokai National Higher Education and Research System; Visits to the University of Helsinki in Finland (about 1 month per fiscal year) are foreseen.

5. Appointment period

Until March 31, 2026 (maximum until March 31, 2028)

*The appointment is renewable every fiscal year based on work performance, attitude, and ability, as well as budget availability, etc. The probationary period is six months. The age limit for employment is March 31 in the fiscal year when the age becomes 65.

6. Appointment conditions

(Details are based on the THERS Employee Work Rules:

https://education.joureikun.jp/thers_ac/act/frame/frame110010928.htm)

(1) Designated Assistant Professor

(2) Salary: approximately 400,000 JPY/month

(3) Work hours: 38.75 hours/week

(4) Days off: Saturdays, Sundays, national holidays, and New Year's holidays from December 29th to January 3rd.

(5) Insurance enrollment: mutual aid association (short-term), welfare pension, employment insurance, and workers' compensation insurance

(6) Passive smoking prevention measures: smoking is generally prohibited on campus.

7. Appointment start date

November 1, 2025, or as soon as possible thereafter

8. Qualifications

Applicants must satisfy all of the following conditions:

- (1) Hold a doctoral degree in a field related to the project, or be expected to obtain one before the start of employment.
- (2) Not have another primary occupation, nor be a graduate student or a researcher at the start of the employment.

9. Selection process

Screening based on application materials, and if necessary, online interview.

10. Application deadline: 8 am on August 20, 2025 (Japan Standard Time)

11. Application materials

- (1) Curriculum vitae
- (2) Summary of research achievements (within 2 pages, A4 size)
- (3) Publication and research activity list and copies of most relevant papers (maximum of three papers)
- (4) Research proposal (within 4 pages, A4 size)
Describe how you plan to contribute to the research specified in item 4 "Job description", and specify if you have experience related to the proposed activities.
- (5) Possible start date
- (6) Name and contact of two professional references
- (7) Applicable Specific Category Determination Form (see section 14)

12. Submission

Application materials (1)-(7) described in item 11 must be compiled into a single PDF file (maximum size: 10 MB) and submitted as an email attachment to the email address below with the title "Application for ISEE job opportunity No.8 FY2025".

Email: inst-recruit(at)t.mail.nagoya-u.ac.jp (Replace (at) with @.)

A confirmation of receipt will be sent within three business days. If the confirmation is not received, please contact us (see item 13-(1)).

13. Contacts

- (1) Regarding application materials:

Tomohiro Tanabe

Personnel Affairs Section, General Affairs Division

Institute for Space-Earth Environmental Research (ISEE)

Nagoya University

Furo-cho, Chikusa-ku, Nagoya 464-8601, Japan

Email: inst-recruit(at)t.mail.nagoya-u.ac.jp (Replace (at) with @.)

- (2) Regarding the research project:

Michihiro Mochida, Professor

Center for International Collaborative Research

Institute for Space-Earth Environmental Research (ISEE)

Nagoya University

Furo-cho, Chikusa-ku, Nagoya 464-8601, Japan

Email: mochida(at)isee.nagoya-u.ac.jp (Replace (at) with @.)

Tuukka Petäjä, Professor

Institute for Atmospheric and Earth System Research (INAR)

University of Helsinki, Finland

Email: tuukka.petaja(at)helsinki.fi (Replace (at) with @.)

14. Remarks

In November 2021, with the clarification of the scope of control of "deemed exports" under the Foreign Exchange and Foreign Trade Act ("FEFTA"), a portion of the provision of confidential information must comply with FEFTA. Technology provided by universities and research institutions

to faculty and staff is FEFTA is subject to control. As a result of this change, faculty applications will also be subject to FEFTA controls. When applying for this solicitation, you will be required to submit an Applicable Specific Category Determination Form in accordance with the Applicable Specific Category Determination Flowchart. Please download the form below and submit it.

<https://nuss.nagoya-u.ac.jp/s/bLFocRofmoj83zp>

In addition, submission of a "Confirmation Form" is required at the time of employment.

Nagoya university is actively committed to promoting diversity and work-life balance. For more information, please visit the following URLs:

Gender Diversity Center Website: <https://www.kyodo-sankaku.provost.nagoya-u.ac.jp/>

Declaration on the Promotion of Diversity, Equity, Inclusion & Belonging (DEIB):

<https://www.thers.ac.jp/about/declaration/deib/index.html>

If you have experienced periods in the past when your research activities were interrupted or delayed due to reasons such as childbirth, childcare, family care, or illness, you may state this in your curriculum vitae (CV). We assure you that disclosing this information will not result in any unfair evaluation.

Personal information provided in relation to the application will be used only for the purpose of screening and employment procedure. The application materials will be shared with the University of Helsinki for the selection process. Institute for SpaceEarth Environmental Research is an active promotor of Gender Equality. See the web page below for more detail.

<https://www.kyodo-sankaku.provost.nagoya-u.ac.jp/en/>

The contents herein are originally created in Japanese. If any discrepancies do exist, the original Japanese version shall prevail.