

Job opportunity in the Institute for Space-Earth Environmental Research (ISEE),
Nagoya University, Japan (ISEE job opportunity No.3 FY2025)

1. Job title/quantity: Designated Assistant Professor (1)

2. Employer: Tokai National Higher Education and Research System (THERS)

3. Affiliation: The Designated Assistant Professor belongs to the Center for International Collaborative Research (CICR) of ISEE. The Designated Assistant Professor will also belong to Integrated Studies Division

4. Field and Mission: The Institute for Space-Earth Environmental Research (ISEE) at Nagoya University seeks a designated assistant professor for cross-disciplinary research into the dynamics of the magnetosphere at Earth and Mercury, in particular transport and energization processes associated with magnetotail reconnection based on analysis of spacecraft data including Arase (ERG) and BepiColombo missions, for which ISEE operates the Mission Science Centers (Center for Heliospheric Science) in cooperation with JAXA/ISAS, combined with related missions such as MMS, THEMIS and SMILE missions and ground-based measurements. The successful candidate may have a background in space-plasma physics, magnetospheric physics, and magnetosphere-ionosphere coupling and experience in data analysis of space-based data. A good command of English, or of Japanese plus fair English, is required. The designated assistant professor will be under the guidance of Prof. Yoshizumi Miyoshi (ISEE) and Prof. Rumi Nakamura (Space Research Institute, Austrian Academy of Science, also a Designated Professor at ISEE). The project centers on understanding the multi-scale coupling process of the magnetic reconnection and the reconnection jet interaction with the inner magnetosphere by investigating the nightside magnetosphere at Earth and Mercury.

(Scope of changes): Tasks specified by the Tokai National Higher Education and Research System.

5. Work locations: (Immediately after being hired) Chikusa Ward, Nagoya City, Aichi Prefecture

(Scope of changes) Work location designated by Tokai National Higher Education and Research System

6. Appointment conditions: (1) Designated Assistant Professor (2) Salary: Approx.

400,000JPY/month (3) Work hours: 38.75 hours/week (4) Insurance enrollment: Mutual aid association (short-term), Welfare pension, Employment insurance, Workers compensation insurance

Work Hours: Based on THERS Employee Work Rules

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

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

Passive smoking prevention measures: Smoking is prohibited on campus in principle.

7. Starting Date: November 1, 2025

8. Term: Initially up to March 31, 2026. The term is renewable every year for one year by passing through evaluation, up to March 31, 2028.

9. Eligibility: Ph.D. as of November 1, 2025

10. Application Materials

- (1) Curriculum Vitae,
- (2) Publication and Research Activity List,
- (3) Summary of Research Achievements,
- (4) Research Plan (maximum two pages),
- (5) Names and Contact Information for three professional references
- (6) Applicable Specific Category Determination Form (See section 14)

11. Application Deadline: August 3, 2025

12. Submission: Applicants are required to make one PDF file (up to 10MB) that includes all documents and send it by email to the following address with the subject "Application for ISEE job opportunity No. 3 FY2025."

inst-recruit(at)t.mail.nagoya-u.ac.jp *Please to replace the (at) with @

(A receipt confirmation will be sent by email within 3 business days after the submission. If you do not receive the receipt confirmation email by then, please contact the address in "13. Contact: 1) Regarding documents to be submitted.")

13. Contact:

- 1) Regarding documents to be submitted

Tomohiro Tanabe, General Affairs Division
Institute for Space-Earth Environmental Research, Nagoya University
F3-3 (250), Furo-cho, Chikusa-ku, Nagoya, Aichi 464-8601, Japan
Email: ken-jin(at) t.mail.nagoya-u.ac.jp *Please replace the (at) with @
Phone: +81-52-789-5539

2) Regarding ISEE and application content

Prof. Yoshizumi Miyoshi
Institute for Space-Earth Environmental Research, Nagoya University
F3-3 (250), Furo-cho, Chikusa-ku, Nagoya, Aichi 464-8601, Japan
Email: miyoshi(at)isee.nagoya-u.ac.jp *Please to replace the (at) with @
Phone: +81-52-747-6340

14. Remarks:

Personal information provided in relation to the application will be used only for the purpose of screening. Upon completion of the screening, we will securely dispose all personal information, except for the information of the successful candidate.

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 subject to control under FEFTA. 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>

Our 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 at our university.

In addition, faculty members are required to submit a "Confirmation Form" at the time of

employment.