

Application guideline for the “02) ISEE International Joint Research Program” in FY2025

1. Description of Opportunity

Institute for Space–Earth Environmental Research (ISEE), Nagoya University, aims to clarify the mechanisms and relationships between the Earth, the Sun, and cosmic space by treating them as a seamless system, and to contribute to solving issues related to the global environment and human society extending into space. In addition, ISEE plays a role as a joint usage/research center linking space and earth sciences, promoting various collaborative research projects.

ISEE calls for this international joint research program to promote collaborative research between ISEE researchers and other Japanese and/or international institutes, to promote further understanding of the space-earth environment.

2. Applicant Eligibility

The applicant as a PI (principal investigator) must hold a doctoral degree and be an employee or professor emeritus at a university or a research institute outside of Japan. The PI may not apply for “01) 国際共同研究 (Joint Research Program (International))”, “13) International travel support for field and laboratory experiments by students and early-career scientists”, or “14) International Technical Exchange Program” in the same fiscal year. For a postdoc PI, a brief recommendation letter from his/her supervisor is required. The PI (except for professor emeritus) must be employed at his/her university/institute for the duration of the project period. ISEE does not provide any salary. A Japanese nationality holder who belongs to an institute outside of Japan may apply for this opportunity.

3. Application Procedure

- (1) The PI is requested to obtain permission for this proposal from his/her university/institute before submission. The PI should also discuss the research plan and budget in detail with the corresponding ISEE researcher (faculty member) before submission.
- (2) The application should be submitted through “Joint-Research On-line Integrated System (JROIS)” website (<https://jrois2.isee.nagoya-u.ac.jp>). The application form files can be downloaded from ISEE website. Please refer to the following URLs:
ISEE website: <https://www.isee.nagoya-u.ac.jp>
Download page: <https://www.isee.nagoya-u.ac.jp/co-re/co-re-application.html>
- (3) The PI is requested to access the above JROIS website to obtain a login account. After registration on this website, the PI will receive an e-mail with a password for his/her account. If the PI has already had an account in the past, he/she can use it again this year. After logging in the JROIS website, visit the application page “02) ISEE International Joint Research Program”, enter the project title, select the corresponding ISEE researcher from the list, and then submit the completed application form in **a Zip file** to the website by the deadline. The shaded areas do not need to be filled in.
- (4) In FY2024, ISEE, in collaboration with several institutions, launched “Hub Formation Program: Transdisciplinary Network Linking Space–Earth Environmental Science with History and Archaeology.” This program aims to assess the impact of severe solar storms on modern civilization and to advance history and archaeology through accurate dating, with the goal of creating a space-based society with sustainable development and to fostering the next generation of human resources. To promote this project, we are now calling for a wide range of transdisciplinary research proposals. To submit a proposal, please enter “1” in column (5) of the application form and explain in column (9) how your research promotes “Transdisciplinary Network Formation.” Please see the following website for more details:

Transdisciplinary Network Formation website: <https://transeha.isee.nagoya-u.ac.jp/>

4. Project Period

One year. From April 1, 2025 to March 31, 2026.

5. Application Deadline

Deadline: Wednesday, **January 15, 2025**

6. Selection Procedure

- (1) Director of ISEE will decide on the approval of proposals based on the evaluation by the cooperative research committee and the six technical committees (Integrated Studies, Heliospheric and Cosmic-Ray Research, Ionospheric and Magnetospheric Research, Meteorological, Atmospheric and Land-Ocean Ecosystem Research, Chronological Research, or Aircraft Usage). The approval of proposals submitted as promoting "Transdisciplinary Network Formation" will be decided by the Director after deliberation by the Transdisciplinary Network Formation Promotion Office and the cooperative research committee.
- (2) A decision letter will be sent by e-mail in March 2025.

7. Requested Expense

ISEE will provide funding of up to 1 million Japanese yen per project. The funding covers: 1) Travel expenses to/from ISEE, 2) Accommodations, meals, and incidentals to stay at ISEE, 3) Domestic travel expenses by domestic team members, 4) Consumables required for the research, and 5) Computer use charge. The sum of 3), 4), and 5) must be less than 20% of the proposed budget.

8. Number of Approved Proposals

Ten to fifteen projects will be approved in this fiscal year.

9. Research Location

The research location must be in ISEE, Nagoya University. Domestic travels to other universities and research institutes are allowed.

10. Summary Report

A summary report (Form02-1: Excel file, Form02-2: Word file) **in a Zip file** should be submitted to the JROIS website by **March 31, 2026**. The report will be published as is in the ISEE web page. **If the report is not submitted by the deadline, any approved projects in the next fiscal year will basically be declined.** When the PIs make publications related to this research, please be sure to include one of the following acknowledgment statements:

- This work was carried out by the joint research program of Institute for Space–Earth Environmental Research, Nagoya University.
- This work was performed using the facilities of Institute for Space–Earth Environmental Research (ISEE), Nagoya University.

11. Contact Information

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(Replace “_at_” with “@”.)

12. Intellectual Property Rights Obtained in Joint Usage / Research Program

Intellectual Property Rights obtained in the Joint Usage / Research Program will be subject to conformity with the guidelines of Tokai National Higher Education and Research System. For details, please visit the following URL: <https://jigyoka.aip.nagoya-u.ac.jp/contents/1068.html>