

Call for Applications to JASTIP-Net 2023/24 Guidelines for applicants

1. Introduction to JASTIP and JASTIP-Net

1.1 Japan-ASEAN Science, Technology and Innovation Platform (JASTIP)

The Japan-ASEAN Science, Technology and Innovation Platform (hereinafter referred to as JASTIP) is a high-level intergovernmental cooperation that is welcomed by the Heads of State/Government of ASEAN Member States and Japan. JASTIP has been implemented by Kyoto University with financial support from Japan Science and Technology Agency (JST) since 2015 to promote collaboration on science, technology and innovation research among Japan and ASEAN Member States, and to accelerate the application of research outcomes to social implementation towards achieving the United Nations' Sustainable Development Goals (SDGs) of the 2030 Agenda. The 1st Phase of JASTIP completed in August 2020, and the 2nd Phase has commenced in September 2020 till March 2025. This is the last round of call for application of JASTIP-Net.

In the 2nd phase of JASTIP, we continue to keep our research focuses on three fields, namely, (i) **energy and environment**, (ii) **bioresources and biodiversity**, and (iii) **disaster prevention and risk reduction**. Accordingly, the JASTIP headquarters and three joint laboratories have been set up in the ASEAN region with the National Science and Technology Development Agency (NSTDA, Thailand) hosting the joint laboratory for energy and environment, the National Research and Innovation Agency of Indonesia (BRIN) hosting the joint laboratory for bioresources and biodiversity, and the Malaysia-Japan International Institute of Technology (MJIT) hosting the joint laboratory for disaster prevention and risk reduction. Participation in the activities of the JASTIP is open to all ASEAN Member States.

1.2 JASTIP-Net: an outreach and incubation programme of JASTIP across the region

Together with the above-mentioned headquarters and joint laboratories, JASTIP-Net plays an important role in strengthening the Japan-ASEAN research collaboration network, as well as widening and deepening the coverage of the JASTIP activities across the ASEAN region. JASTIP-Net extends its outreach by seeking prospective and promising partners to launch new research initiatives that expand the existing JASTIP collaborations. JASTIP-Net also acts as an incubator for developing human and institutional capacities, fostering new

partnerships and growing new endeavors into mature research projects. Two research projects, stemmed from JASTIP-Net, have successfully got funded for 3 years by e-ASIA JRP and launched from April in 2019.

2. Research themes for 2023/24

Please choose one of the research themes listed below (which is also indicated in the application form).

(1) WP1 Partnership, Networking and Integrated Approach

(Leaders: Prof. Eiji Nawata and Prof. Yasuyuki Kono)

1. [Priority theme] Leading STI coordination activities either at an institutional, national or regional level towards solving societal issues in ASEAN and Japan.
The activities can be both practical and theoretical, for example, organizing mock interviews to apply for grant applications or pitch talks to facilitate academic-industry collaboration, designing a STI landscape study or capacity development curriculum, but not limited to those. This round, WP1 will priorities proposals under this theme.
2. Facilitating dialogues between scientists/researchers and policy-makers to embed scientific findings into the SDGs policy formulation in line with JASTIP research focus (energy and environment, bioresources and biodiversity, disaster risk reduction and prevention).

(2) WP2: Energy and Environment Joint Laboratory

(Leaders: Prof. Hideaki Ohgaki and Prof. Keiichi Ishihara)

1. Development and application of functional materials for energy and environment
2. Implementation study of renewable energy in Southeast Asia

(3) WP3: Bioresources and Biodiversity Joint Laboratory

(Leaders: Prof. Takashi Watanabe and Prof. Hiroshi Kamitakahara)

1. Studies on Bioresources and biodiversity in the ASEAN region, preferably the collaborative research of ASEAN and Japan and among ASEAN countries.

(4) WP4: Disaster Prevention and Risk Reduction Joint Laboratory

(Leaders: Prof. Tetsuya Sumi and Assoc Prof. Takahiro Sayama)

1. How to cope with trans-boundary disasters in the ASEAN region such as tsunami, flood, drought and haze.
2. Follow up and strengthen existing partnership and collaboration conducted in the 1st Phase.
3. Regional workshops on the specific issues or regional dialogues and forums to exchange views, learn best practice and share the solutions.
4. Exchange of researchers particularly young or early career to promote partnership among ASEAN institutions.

Proposals that consider following aspects and approaches would be given priorities;

- Emphasis on potential linkages for achieving the SDGs at the local/national level.
- Practical research, pilot implementation and societal impacts.
- Proposal jointly developed by researchers from two or more countries.
- Proposal jointly developed with JASTIP Joint Laboratories.
- Application by young and female researchers.

3. Eligibility of applicant(s)

Applicants must fall under the following categories:

- a. Researchers and/or practitioners who are resident in Japan or the ASEAN Member States.
- b. Researchers and/or practitioners belonging to organizations such as universities, educational/research institutions, private sectors and governmental agencies.

* Applications can be submitted by an individual or by a team of individuals.

4. Application procedures

4.1 Submission of the application form

- Please visit the following JASTIP-Net 2023/24 application page, fill in the necessary items in the application form, and submit it by **27 January 2023**.
<https://forms.gle/L7CZ56np8Pr1F3jD9>
- The proposed budget for an application should **Not** exceed the maximum amount of JPY half million (approx. USD 3,500).
- Notification of screening results: *late March 2023*

4.2 Program Duration and Number of Applications to be Selected

- Duration of activity: From April 2023 to December 2024 (21 months)
- Number of applications to be selected: Around 10-12 in total

5. Obligations of successful applicants

- Some of the selected applicant(s) may be registered as JASTIP research partner(s)/collaborator(s) in the official JASTIP report to JST.
- In carrying out research that is supported by JASTIP (hereinafter referred as to “JASTIP collaborative research”), the set of regulations and guidelines relating to Research Compliance and Ethics of Kyoto University, most notably with regard to Security Trade Control, has to be adhered. Please see further details at <https://www.kyoto-u.ac.jp/en/research/research-compliance-ethics>. Kindly also refer to Section 7 Budgetary management and limitations.
- Research partners can be requested to publicize the results of their research at an appropriate occasion, for example, an international symposium to be organized by JASTIP.
- When presenting the results of the research (including at public symposiums, academic conferences, and on electronic media), an acknowledgement of JASTIP support is to be noted. (ex. This research is conducted as an integral part of a JASTIP project with necessary supports.)
- **[Important]** After completion of activity, the selected applicant(s) shall submit **JASTIP-Net 2023/24 Final report** (the form will be sent the successful applicants) to the JASTIP Secretariat and supervisors from JASTIP upon termination of activity by 15 February 2024 (by 6 weeks after the completion). The submitted report will be publicized on the JASTIP website.

6. Attribution of Intellectual Property (IP) Right

Intellectual Property (IP) such as patents/utility models derived from JASTIP-Net collaborative research is attributable to implementing entity(s), based on JST and Kyoto University commissioned research contracts, and on condition that the period of implementation conforms to the content of Article 19 of the Industrial Technology Enhancement Act (the Japanese equivalent of the Bayh-Dole Act).

7. Budgetary management and limitations

JASTIP-Net covers the expenses listed below, relating to the implementation of approved proposals. Please note that budgetary management is carried out by JASTIP's Leaders at each WP, and the approved budget shall **NOT** be transferred or subcontracted to an entity and/or institution to which applicant(s) belongs. Accounting is also carried out at Kyoto University, and the budget execution is undertaken according to the rules and regulations of Kyoto University. Please note that expenses should be reimbursed only after discussion with and approval by the JASTIP Leaders.

The following are limitations on expenditures:

(1) Allowable expense items

- Travel expenses for investigations, meeting and appointments. Travel must comply with “the most economical route” principle of Kyoto University's guideline.
- Ex-gratia payments
- Goods including consumables

(2) Expense items **Not** allowable

- Expenditures related to the construction of facilities such as buildings and to the acquisition of real estate
- Collaborative researchers' labor costs
- Any expenditure **Not** relevant to the approved research proposal is strictly prohibited.

Note: In cases of doubt on whether the planned expense falls under allowable expenditures, please consult the JASTIP secretariat in advance.

8. Privacy Policy

Application information will be handled confidentially and used only for the selection of the 2023/24 JASTIP collaborative researches and for mapping exercise for building a network of researchers in the region.

9. Contact & Further inquiries

Japan ASEAN Science, Technology and Innovation Platform (JASTIP)

Email: jastip-contact@cseas.kyoto-u.ac.jp