

JASTIP-Net 2017
Guideline for Application

1. Aims

Kyoto University (KU), Japan, initiated a collaboration research program, Japan-ASEAN Science, Technology and Innovation Platform (JASTIP) 2015 to 2020. JASTIP aims at promoting Japan-ASEAN collaboration on science and technology research and accelerating the application of its outcome to social innovation in order to achieve Sustainable Development Goals (SDGs). We focus on three research fields, environment and energy, bioresources and biodiversity, and disaster prevention. National Science and Technology Development Agency (NSTDA), Thailand, Indonesian Institute of Sciences (LIPI), Indonesia, and Malaysia-Japan International Institute of Technology (MJIIT), Malaysia were invited as the major partner in respective field. The joint laboratories were set up at the main partner institutions and joint researches and capacity building would be carried on.

In order to expand and strengthen the JASTIP activities, we call for research partners who are willing to join our research networks (JASTIP-Net). We are looking for researchers who are ready to participate in joint researches and keen on leading social innovation in the ASEAN region for the SDGs. We welcome participants from specific countries which has not joined JASTIP activities yet but not restrict other countries.

To apply for the, JASTIP-Net 2017, you are required to choose one of the research themes listed in below “2. Research Themes”, carefully read the following guideline, and send your application to JASTIP Director by e-mail.

2. Research Themes

(1) Headquarters

(Joint laboratory leaders: Prof. Mamoru Shibayama and Prof. Yasuyuki Kono)

Research Theme:

1. To Develop Operational Linkages and Human Resources among Academic Sector, Government Agencies, and Private Sectors in ASEAN countries and Japan.
2. To Introduce Various STI Collaborations for Effectively and Efficiently into the Society based on the three joint laboratories' activities.

(2) Energy and Environment Joint Laboratory

(Joint laboratory leaders: Prof. Hideaki Ohgaki, Prof. Keiichi Ishihara)

Research Theme:

1. Studies on Rural/Community Renewable Energy.
2. Development of Renewable Energy Technology adapted to the ASEAN region.
3. Studies on Energy Policy/Security in the ASEAN region.

(3) Bioresources and Biodiversity Joint Laboratory

(Joint laboratory leaders: Prof. Mamoru Kanzaki, Prof. Takashi Watanabe)

Research Theme:

1. Studies on Biodiversity in the ASEAN Region Contributing to the Improvement of Identification, Collection and/or Information.
2. Sustainable Utilization of Bioresources for Biorefinery, Bioremediation, Wood Construction, Food or Medicine.
3. Plant Improvement for Agroforestry Systems and Carbon Sequestration Contributing to the Mitigation of and/or Adaptation to Climate Change.

(Study team consists of researchers from more than two ASEAN countries and Japan is preferable)

(4) Disaster Prevention Joint Laboratory

(Joint laboratory leaders: Prof. Kaoru Takara, Prof. Kinya Nishigami)

Research Theme:

1. Innovative Ideas on Disaster Prevention, Mitigation and Recovery Technologies and Policies Peculiar to Each ASEAN Country.
2. How to Cope with Trans-Boundary Disasters in the ASEAN Region Such as Tsunami, Flood, Drought and Haze.
3. Understanding and Quantitative Evaluation of Disaster Risks Peculiar to ASEAN Countries.

3. Eligibility Requirements

Applicants must meet all of the following requirements:

- Researchers and/or practitioners who are resident in Japan or the ASEAN region.
- Researchers and/or practitioners belonging to organizations such as universities, educational/research institutions, private industries and governmental agencies.

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

4. Obligations after Adoption

- In carrying on your collaborative research, you must adhere to the various regulations relating to best practice at Kyoto University, most notably with regard to Security Trade Control.
- Selected research partner must present a report paper when the collaborative research is completed.
- Selected research partner must make the details and results of your collaborative research for public at, for example, an international symposium by JASTIP.
- When publishing or announcing the results of your collaborative research (including at public symposiums, academic conferences and on electronic media), you must include an acknowledgement of JASTIP supported by JST.
- Selected research partner must comply with any other inquiries or meeting requests from members of the JASTIP steering committee, etc., until the completion of the collaborative research.

5. Attribution of Intellectual Assets

The right to intellectual assets such as patents arising from research and development is attributable to the institution carrying out the research, based on JST and Kyoto University commissioned research contracts, and on condition that the period of implementation conforms with the content of Article 19 of the Industrial Technology Enhancement Act (the Japanese equivalent of the Bayh-Dole Act).

6. Amount of Support, Program Duration, and Number of Applications to be Selected

- Program duration: From September 2017 to August 2018
- Number of applications to be selected: Around 10

7. Schedule of Call for Applications

- Application deadline: July 31, 2017 17:00 (Japanese standard time) •
- Notification of screening results: Beginning of September 2017

8. How to Apply

- Please fill in the necessary items in the application form provided (Application: JASTIP-Net 2017.docx) and submit it by email, as below.
jastip-net@kura.kyoto-u.ac.jp
- Email title should be “JASTIP-Net 2017 application”
- Submit the file in Microsoft Word format.

9. Budgetary Supports

JASTIP-Net offers support with the expenses listed below, relating to the implementation of collaborative research. Please note that expense management is carried out by the core researchers of each joint laboratory, and expenses are not transferred or subcontracted to the institution to which the applicant belongs. The budget for a project should not exceed the maximum amount of 1 million JPY. Accounting is also carried out at Kyoto University, and budget implementation is therefore based on Kyoto University regulations. Please note that expenses should be disbursed only after discussion with the core researchers of JASTIP.

(1) Allowable expense items

- Travel expenses for investigations, meeting and appointments
- Ex-gratia payments
- Goods

(2) Expense items not allowable

- Costs related to the construction of facilities such as buildings and to the acquisition of real estate
- Collaborative researchers' labor costs
- Costs unrelated to carrying out the collaborative research in question.

10. Screening Method, and Screening Perspectives

Based on the perspectives below, the JASTIP steering committee will scrutinize the details of the applications and come to a collective decision, taking account of budget constraints.

- Is the application in line with the aims of the research in question?
- Are the planning and method specific and do they have the potential to promote research aimed for sustainable development goals (SDGs) and social implementation?

Contact:

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