

**[Name of Project]** (Adopted year: FY2012, Category I)

Graduate Program for Fostering Frontiers of Practical Solutions in a Populations-Activities-Resources and Environments (PARE) Chain

**[Aim of project, Ideals of Global Human Resources on the project]**

This Program is intended to support the establishment of a collaborative educational system involving Hokkaido University's six partner institutions in Indonesia and Thailand (Chulalongkorn University, Institut Teknologi Bandung, Institut Pertanian Bogor, Kasetsart University, Thammasat University, and Universitas Gadjah Mada) in order to foster global leaders who will be active in resolving challenges related to populations, activities, resources and environments (PARE) in ASEAN countries. This Program is intended to foster individuals with four specific characteristics (field research capacity, cross cultural capability, a frontier spirit and problem-solving competency) that are essential for practical resolution of issues in the PARE chain.

**[Summary of project]**

This Program is expected to produce leaders and create a network to support development in Asia. To this end, collaborative education in conjunction with the PARE consortium will be provided to ensure quality in multidisciplinary teaching, to create an educational collaboration model incorporating coordination between academic fieldwork and lab work, and to establish a PARE alumni network that will bring together experts and research results from different fields.

**1. Forming the University Network with Quality Assurance**

- A Self-Assessment Sheet to be filled out by students before and after the program has been developed to aid stringent management of student performance in terms of four specific characteristics. Another sheet has been developed for PARE Consortium faculty members to enable joint evaluation of these four characteristics, and trial evaluation has been conducted.
- The 2nd Joint Faculty Development (FD) Workshop on goal setting and assessment for Joint Evaluation Sheet improvement was held in October 2013.
- To support the establishment of a framework for the ongoing provision of high-quality programs, the 1st Educational Exchange Workshop was held in March 2014 on the theme "Efforts to Develop Collaborative Education Systems in ASEAN and Japan". HU invited strategically faculty and administrative staffs from Keio University and Kobe University to exchange experiences.



(Educational workshop)

**2. Contents of the Programs, Preparation for the Start of the Programs**



(FY2013 PARE Summer School in Hokkaido)

**○ Contents of the Programs in JFY2013**

The PARE Program structure was established. This involves compulsory PARE Core Subjects ("Introduction to PARE" and "PARE Short Program") as well as elective PARE Comprehensive Subjects and Specialized Subjects, whose content varies by graduate school. The 1<sup>st</sup> PARE exchange program was implemented as outlined below.

- "Introduction to PARE (3 credits)" was provided by Hokkaido University (June to early August 2013). A total of 21 students from HU attended, and 3 students from partner institutions in online.
- "PARE Short Program (3 credits)" was offered in Hokkaido as the PARE Summer School 2013 (August 15 – 27). A total of 37 students and 5 HU faculty members attended. The PARE Spring School 2014 (February 17 – 28) in Thailand was postponed due to the Thai government's declaration of a state of emergency.

- Students studying overseas for a semester or longer took PARE Comprehensive Subjects/Specialized Subjects offered by their host universities to earn credits that were recognized at their home institutions.
- Two students from the Institut Teknologi Bandung (ITB) met the requirements for program completion and were presented with PARE Program joint certificates signed by the Vice-Presidents of HU and ITB.

**○ Preparation for the Programs in JFY2014**

The Application Guidelines 2014 were published in Japanese and English. Individual institutions in the PARE Consortium began student recruitment at the end of March.

**3. Students-Mobility**

**○ Outbound: The dispatch of Japanese students to partner institutions**

- HU's plans to send 21 students to the Spring School 2014 in Thailand were postponed due to the Thai government's declaration of a state of emergency.

- HU sent one student to Indonesia's Bogor Agricultural University and two to Thailand's Kasetsart University for a semester.

**○ Inbound: The hosting of international students from partner institutions**

- HU hosted 27 students from all partner institutions at its Summer School.
- HU hosted 12 students from partner institutions (including 2 who also attended the Summer School 2013).

	2012	2013	2014	2015	2016
Outbound	17	3	30	30	30
Inbound	18	40	30	30	30

\*Note: FY2012 – FY2013: results, FY2014 - FY2016: planned

**4. Promotion of Student-Mobility Environment**

- Efforts by the PARE Program Central Office at HU and liaison desks at its partner institutions included collaborating on the dispatch/hosting of students, securing affordable accommodation and providing language lessons (Japanese/local). Pre-departure orientation sessions were held online.
- Social events at which Spring School students would interact with HU alumni working for Japanese companies in Indonesia and Thailand were postponed due to the Thai government's declaration of a state of emergency.

**5. Visualization of the Content of Education, Dissemination of the Outcomes**

PARE Program pamphlets were published, and the Application Guidelines along with information on the Program's state of progress were publicized via a website (<http://www.4pare.org/>), a blog (<http://pareproject.blogspot.jp>) and other channels.

The Program was also highlighted by faculty staff at various conferences within and outside Japan.