

**【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 Resource 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.

**■ Forming the University Network with Quality Assurance**

On March 30, inviting Prof. M. Kitamura (Graduate School of International Media, Communication, and Tourism Studies, HU) as a lecturer, the 5<sup>th</sup> Joint Faculty Development (FD) was held under the theme, "Ideal way of effective PR for International co-education program in graduate school".

HU's efforts to aid stringent management of student performance have taken root using a frame work of joint evaluation by the PARE consortium faculty members and student self-assessments that were both developed in JFY 2013.

An external evaluation was conducted September 2016 to assess HU's performance and achievements of the program goals and objectives also program's future agenda after financial support closed. Strict plan-making throughout field activity's risk management were advised.

**■ Contents of the Programs, Preparation for the Start of the Programs**

**○ Contents of the Program in JFY2016**

• In addition to "Introduction to PARE I, II, III", a new, interdisciplinary course lecture titled "Introduction to PARE IV" was introduced. The lecture was jointly offered by invited lecturers from University of Reading, Thammasat University, and Aichi Gakuin University.

• "PARE Short Programs"(3 credits each) were offered in Hokkaido (2016/8/30-9/13) and in Indonesia (2017/2/14-28) under the theme of "Sustainable Use and Management of Land, Water, Energy Resources, and Food Security in PARE Chain". A total of 68 students from 7 universities have participated and after briefing sessions on final day, they were jointly evaluated by 7 consortium universities' member.

• To earn credits of PARE Comprehensive/Specialized and Internship Subjects, 6 students have studied at HU and 3 HU students have studied at consortium universities.

**○ Preparation for the Programs in FY2017**

Program will continue after FY2017, receiving further support from 6 consortium universities as well as using HU's existing collaborative education program. In particular, "Introduction to PARE" and "Summer Short Program" lectures will be offered as part of Hokkaido Summer Institute Program so that students from Indonesia and Thailand will continue to be accepted. "Spring Short School" will be offered continuously too, receiving greater support from consortium universities. Spring School courses may be structured within HU's Learning Satellite Scheme in JFY 2018.

**■ Student-Mobility**

**○ Outbound**

• 22 students (including 5 international students) attend 2017 Spring School in Indonesia.

• A total of 3 students from HU have studied abroad:

(1 : Chulalongkorn University, 1 : Thammasat University, 1 : Asian Institute of Technology)

**○ Inbound**

24 students have participated Summer School in Hokkaido and 6 students have been accepted as special auditors.

**■ Promotion of Student-Mobility Environment**

**○ Efforts to help develop recruiting/internship possibilities**

Students have made presentation on PARE Program at 42<sup>nd</sup> ASEAN-Japan Business Meeting held at Sapporo on October 11, facilitated opportunity to directly communicate with Japanese corporations. Also, at International Symposium held at Jakarta, Indonesia on 28 February, HU and PARE Program alumni have gathered and exchanged their views on their experiences as well as future opportunities. In addition, information sessions have been held around 5 times a year continuously.

**○ Collaboration between PARE Central Office and 6 consortium universities' Liaison offices**

Various student support services have been offered by PARE Central/Liaison offices such as securing living facilities at cheaper rate.

**■ Internationalization of the university**

**Information disclosure and Publication of outcome**

**○ Enhancement of Students' mobility and Improvement of versatility of program**

Program's syllabus and e-learning materials are prepared in English. Announcement and website are made available both in Japanese and English, providing educational content and related information not only in Japan but also in abroad.

< IV invited lecture by Dr. A. Sharp >



|          | 2012 | 2013 | 2014 | 2015 | 2016 |
|----------|------|------|------|------|------|
| Outbound | 17   | 3    | 24   | 26   | 24   |
| Inbound  | 18   | 40   | 72   | 73   | 30   |

< International Symposium at Jakarta >

