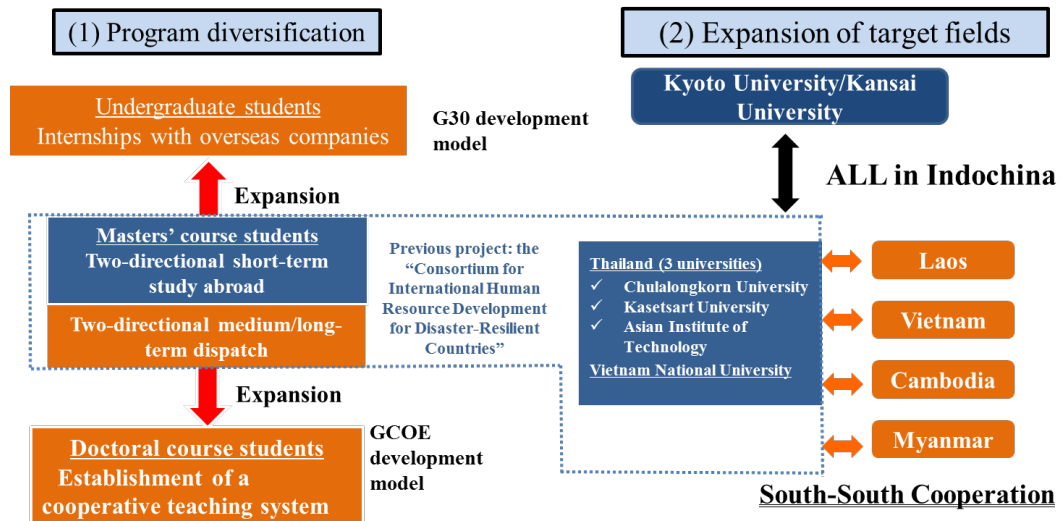


**【Name of project】** (Adopted year: FY2016, (Type B ASEAN))

International Program on Resilient Society Development under Changing Climate

**【Summary of Project】**

In order to train international infrastructure human resources to lead resilient social development against climate change, initiatives will be implemented from the following two directions based on the foundation established by a previous project, the “Consortium for International Human Resource Development for Disaster-Resilient Countries.”



**【Summary of Exchange program】**

This project aims to train “infrastructure human resources” in the social infrastructure and environmental fields through cooperation amongst Kyoto University, Kansai University, and collaborating universities in ASEAN countries by implementing the following five international exchange programs, which include programs ranging from short-term and medium-term exchange to long-term exchange for attaining academic degrees.

- Programs combining intensive lectures at collaborating ASEAN universities with work experience at overseas companies for undergraduate students
- Two-directional short-term study abroad programs for master’s course students
- Two-directional medium/long-term dispatch programs for master’s course students
- Programs for collaborative student guidance with options for awarding credit for master’s and doctoral course students
- Winter schools for applying technology to climate change aimed at master’s and doctoral course students and young teachers, conducted in conjunction with the programs described in (4) above.

**【Global Human Resource on the project】**

The project aims to train international human resources who understand the historical, social, and economic conditions in each ASEAN country, collaborate with people in each ASEAN country to devise social infrastructure appropriate for their particular country/region, work hard, and take action to create actual social infrastructure in each region.

**【Feature on the project】**

Under the tradition and performance of Kyoto University’s Asia-/field oriented fieldwork education and research, bidirectional international education programs will be implemented targeting students ranging from undergraduates to master’s and doctoral degree students.

**【Exchange number】**

<TypeB>

	2016	2017	2018	2019	2020
Outbound	0	21	21	21	21
Inbound	0	19	19	19	19

# 1. FY2016 Progress

## 【International Program on Resilient Society Development under Changing Climate】

(Adopted year: FY2016, (Type B ASEAN))

### ■ Exchange Programs



〈 Attendants of Opening FD Symposium〉

In order to prepare students mutual exchange program from FY2017, following activities are conducted.

- Set a project office for dispatching and accepting students
- Discuss about the criteria to select students with alliance universities
- Prepare textbooks in the program
- Public relations thorough the website and Facebook page

The opening faculty development symposium was conducted in March, 2017, in which all collaborating universities joined together and agreed to proceed five exchange programs.

### Student-Mobility

#### ○ Outbound ○ Inbound

We had 6 international committee meetings and one opening faculty development symposium in order to prepare for students exchange program starting from FY 2017. We agreed to train and nurture “infrastructure human resources” who can lead the development of societies resilient to climate change through cooperation amongst Kyoto University, Kansai University, and collaborating universities in ASEAN countries.

<TypeB>

	2016	
	Plan	Results
Outbound	0	0
Inbound	0	0

### ■ Forming the University Network with Quality Assurance

We discussed about the requirement to ensure the quality of exchange programs, and the contribution from collaborating universities in faculty development activities. We agreed that lecturers at the collaborating overseas university will be recruited for the course via Kyoto University’s official non-full-time teacher hiring procedures in order to ensure quality.

### ■ Promotion of Student-Mobility Environment

We have employed project academic support staff and officers to set a new project office. We have also established how we take care of inbound/outbound students prior to, during and after their stays in Japan or abroad. We can make it possible to smoothly implement all activities in the program by utilizing activities in the office. We also agreed with ASEAN center at Kyoto university about mutual cooperation about dispatching and promoting students who join the program.

### ■ Internationalization of the university

#### Information disclosure and Publication of outcome

We have completed a website, Facebook page, and pamphlet to share the contents of the program. To make this program more familiar to all possible stakeholders, we came up with an abbreviation for the program (RSDC; Resilient Society Development under Climate change) and created a logo.

Website: <http://www.drc.t.kyoto-u.ac.jp/rsdc/eng/>

Facebook page: <https://www.facebook.com/DRC-Kyoto-University-233253546869886/>



〈Logo of the program〉

### ■ Good Practices

The first opening Faculty Development symposiums was conducted in March, 2017. Relevant teaching staff, and lecture content, performance results, and student questionnaire results was shared with other relevant teachers to be used to improve lectures in the next academic year and promote the PDCA cycle. All collaborating universities agreed to continue FD activities during the project period in order to utilize previous experiences.

## 2. FY2017 Progress

【Kyoto University】

### 【International Program on Resilient Society Development under Changing Climate】

(Adopted year: FY2016, (Type B ASEAN))

#### ■ Exchange Programs

Following 5 programs were conducted.

1. Programs combining intensive lectures with experience at overseas companies (Undergraduate students)
2. Two-directional short-term study abroad programs (masters' course students)
3. Two-directional medium/long-term dispatch programs (Masters' course students)
4. Programs for collaborative students guidance with options for awarding degree (Doctor course students)
5. Winter schools for applying technology to climate change (Doctor course students)



〈2. Two-directional short-term study abroad program〉

#### Student-Mobility

##### ○ Outbound

6 students are dispatched to Myanmar, Vietnam, Thailand, and Cambodia in program 1. 16 students are dispatched to Thailand in program 2. 3 students are dispatched to Vietnam and Myanmar in program 3.

These programs contribute to develop in students the awareness that they are international human resources who must work hard and act to develop infrastructure in countries around the world.

##### ○ Inbound

23 students from Myanmar, Thailand, Vietnam, Indonesia, and Taiwan were accepted in program 2.

3 students from Vietnam, Cambodia, and Thailand were accepted in program 3.

4 students from Myanmar were accepted in program 4 and 5.

These programs contribute to develop in students' professional awareness as leaders about developing infrastructure to fight climate change.

	2017	
	Plan	Results
Outbound	21	25
Inbound	19	30

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

We discussed about the requirement to ensure the quality of exchange programs, and the contribution from collaborating universities in faculty development activities. The faculty development symposium was held at Bangkok on November 2017, in which we agreed that lecturers at the collaborating overseas university will be recruited for the course via Kyoto University's official non-full-time teacher hiring procedures in order to ensure quality.

#### ■ Promotion of Student-Mobility Environment

We have employed project academic support staff and officers to set a new project office. We have also established how we take care of inbound/outbound students prior to, during and after their stays in Japan or abroad. We can make it possible to smoothly implement all activities in the program by utilizing activities in the office. We also agreed with ASEAN center at Kyoto university about mutual cooperation about dispatching and promoting students who join the program.

#### ■ Internationalization of the university

##### Information disclosure and Publication of outcome

We utilized the website, Facebook page, and pamphlet to share the contents of the program. 2 volumes of newsletters were issued on November 2017 and March 2018. .

Website: <http://www.drc.t.kyoto-u.ac.jp/rsdc/eng/>

Facebook page: <https://www.facebook.com/DRC-Kyoto-University-233253546869886/>



〈Attendants of the Faculty Development Symposium on November 2017, in Bangkok〉

#### ■ Good Practices

National Cheng Kung University (Taiwan) was added as a new member to the program, in order to enhance collaborative education program. Brawijaya University (Indonesia) will be also added as a new member in 2018.



# 3. FY2018 Progress

## 【International Program on Resilient Society Development under Changing Climate】

(Adopted year: FY2016, (Type B ASEAN))

### ■ Exchange Programs

Following 5 programs were conducted.

1. Programs combining intensive lectures with experience at overseas companies (Undergraduate students)
2. Two-directional short-term study abroad programs (masters' course students)
3. Two-directional medium/long-term dispatch programs (Masters' course students)
4. Programs for collaborative students guidance with options for awarding degree (Doctor course students)
5. Winter schools for applying technology to climate change (Doctor course students)

Program Development Meetings were held at Bangkok, Hanoi, Da Nang, Phnom Penh, Yangon, Mandalay, Malang, Bogor, and Kyoto.



〈2. Two-directional short-term study abroad program〉

### ■ Student Mobility

#### ○ Outbound

6 students are dispatched to Vietnam and Laos in program 1. 23 students are dispatched to Thailand in program 2. 3 students are dispatched to Vietnam and Thailand in program 3.

These programs contribute to develop in students the awareness that they are international human resources who must work hard and act to develop infrastructure in countries around the world.

#### ○ Inbound

22 students from each collaborating University in Myanmar, Thailand, Vietnam, Indonesia, and Taiwan were accepted in program 2.

3 students from Vietnam, Cambodia, and Thailand were accepted in program 3.

2 students from Myanmar were accepted in program 4.

1 student from Cambodia and 1 student from Myanmar were accepted in program 5.

These programs contribute to develop in students' professional awareness as leaders about developing infrastructure to fight climate change.

	2018	
	Plan	Results
Outbound	21	32
Inbound	26	29

### ■ Forming the University Network with Quality Assurance

We discussed about the requirement to ensure the quality of exchange programs, and the contribution from collaborating universities in faculty development activities. The faculty development symposium was held at Bangkok on March 2019, in which we agreed that lecturers at the collaborating overseas university will be recruited for the course via Kyoto University's official non-full-time teacher hiring procedures in order to ensure quality.

### ■ Promotion of Student-Mobility Environment

We have employed project academic support staff and officers to set a new project office. We have also established how we take care of inbound/outbound students prior to, during and after their stays in Japan or abroad. We can make it possible to smoothly implement all activities in the program by utilizing activities in the office. We also agreed with ASEAN center at Kyoto university about mutual cooperation about dispatching and promoting students who join the program.

### ■ Internationalization of the university

#### Information disclosure and Publication of outcome

We utilized the website, Facebook page, and pamphlet to share the contents of the program. A volume of newsletters were issued on November 2018.

Website: <http://www.drc.t.kyoto-u.ac.jp/rsdc/eng/>

Facebook page: <https://www.facebook.com/DRC-Kyoto-University-233253546869886/>



〈Attendants of the Faculty Development Symposium on March, 2019, in Bangkok〉

### ■ Good Practices

Brawijaya University (Indonesia) and Institute of Technology of Cambodia (Cambodia) were added as new members to the program, in order to enhance collaborative education program. National University of Laos (Laos) will be also added as a new member in 2019.

# 4. FY2019 Progress

## 【International Program on Resilient Society Development under Changing Climate】

(Adopted year: FY2016, (Type B ASEAN))

### ■ Exchange Programs

Following 5 programs were conducted.

1. Programs combining intensive lectures with experience at overseas companies (Undergraduate students)
2. Two-directional short-term study abroad programs (masters' course students)
3. Two-directional medium/long-term dispatch programs (Masters' course students)
4. Programs for collaborative students guidance with options for awarding degree (Doctor course students)
5. Winter schools for applying technology to climate change (Doctor course students)

Program Development Meetings were held at Bangkok, Hanoi, and Kyoto.



〈2. Two-directional short-term study abroad program〉

### ■ Student Mobility

#### ○ Outbound

2 students were dispatched to Indonesia and Philippines in program 1. 21 students were dispatched to Thailand in program 2. 3 students were dispatched to Vietnam and Thailand in program 3.

These programs contribute to develop in students the awareness that they are international human resources who must work hard and act to develop infrastructure in countries around the world.

#### ○ Inbound

22 students from each collaborating University in Myanmar, Thailand, Vietnam, Indonesia, Taiwan, and Cambodia were accepted in program 2.

3 students from Vietnam and Thailand were accepted in program 3.

1 student from Myanmar were accepted in program 4.

1 student from Cambodia and 2 students from Myanmar were accepted in program 5.

These programs contribute to develop in students' professional awareness as leaders about developing infrastructure to fight climate change.

	2019	
	Plan	Results
Outbound	21	26
Inbound	26	29

### ■ Forming the University Network with Quality Assurance

We discussed the requirement to ensure the quality of exchange programs, and the contribution from collaborating universities in faculty development activities. The faculty development symposium was held at Bangkok on January 2020, in which we agreed that lecturers at the collaborating overseas university will be recruited for the course via Kyoto University's official non-full-time teacher hiring procedures in order to ensure quality.

### ■ Promotion of Student-Mobility Environment

We have employed project academic support staff and officers to set a new project office. We have also established a system to take care of inbound/outbound students prior to, during and after their stays in Japan or abroad. The project office strongly supports smooth implementation of all the activities in the current program. We also agreed with ASEAN center at Kyoto university about mutual cooperation about dispatching and promoting students who join the program.

### ■ Internationalization of the university

#### Information disclosure and Publication of outcome

We utilized the website, Facebook page, and pamphlet to share the contents of the program. A volume of newsletters (Vol.4,5,6) were issued in FY2020.

Website: <http://www.drc.t.kyoto-u.ac.jp/rsdc/eng/>

Facebook page: <https://www.facebook.com/DRC-Kyoto-University-233253546869886/>



〈Attendants of the Faculty Development Symposium on January 2020, in Bangkok〉

### ■ Good Practices

Andalas University, Diponegoro University, Gadjah Mada University, Hasanuddin University, Bandung Institute of Technology, Sepuluh Nopember Institute of Technology, International Islamic University, National University of Laos, and University of Transport and Communication were invited to the faculty development symposium to enhance collaborative education program, where future collaboration with these universities were discussed.

# 5. FY2020 Progress

## 【International Program on Resilient Society Development under Changing Climate】

(Adopted year: FY2016, (Type B ASEAN))

### ■ Exchange Programs

Program 2 and 5 were conducted online, which were supposed to be effective even with distance learning. For Program 3, international students were accepted in person.

1. Programs combining intensive lectures with experience at overseas companies (Undergraduate students)
2. Two-directional short-term study abroad programs (masters' course students)
3. Two-directional medium/long-term dispatch programs (Masters' course students)
4. Programs for collaborative students guidance with options for awarding degree (Doctor course students)
5. Winter schools for applying technology to climate change (Doctor course students)

Program Development Meetings and Faculty Development symposium were held online.

### ■ Student Mobility

#### ○ Outbound

23 students joined distance learning classes in program 2. It contribute to develop in students the awareness that they are international human resources who must work hard and act to develop infrastructure in countries around the world.

#### ○ Inbound

17 students from each collaborating University in Myanmar, Thailand, Vietnam, Indonesia, Taiwan, and Cambodia were accepted in program 2. 3 students from Indonesia and 1 student each from Vietnam and Thailand were accepted and provided research guidance in program 3. 24 students were accepted in program 5. These programs contribute to develop in students' professional awareness as leaders about developing infrastructure to fight climate change.

### ■ Forming the University Network with Quality Assurance

We discussed the requirement to ensure the quality of exchange programs, and the contribution from collaborating universities in faculty development activities in order to ensure quality. The faculty development symposium was held online on January 2021, in which we agreed to continue our program for FY 2021.

### ■ Promotion of Student-Mobility Environment

We have employed project academic support staff and officers to set a new project office. We have also established a system to take care of inbound/outbound students prior to, during and after their stays in Japan or abroad. The project office strongly supports smooth implementation of all the activities in the current program. We also agreed with ASEAN center at Kyoto university about mutual cooperation about dispatching and promoting students who join the program.

### ■ Internationalization of the university

#### Information disclosure and Publication of outcome

We utilized the website, Facebook page, and pamphlet to share the contents of the program. A volume of newsletters Vol.7 and 8 were issued in FY2020.

Website: <http://www.drc.t.kyoto-u.ac.jp/rsdc/eng/>

Facebook page: <https://www.facebook.com/DRC-Kyoto-University-233253546869886/>

### ■ Good Practices

This year's program was conducted with new structure, where on-demand lectures and live group work activities were organically combined, in order to achieve effective outcome of the program even under COVID-19. Students enjoyed ice break activities before the official program, which makes them easier to promote online group work activities.



〈2. Two-directional short-term study abroad program〉

	2020	
	Plan	Results
Outbound	21	23
Inbound	26	46



〈New letter Vol.7〉