

FY2016 Inter-University Exchange Project Nagasaki University

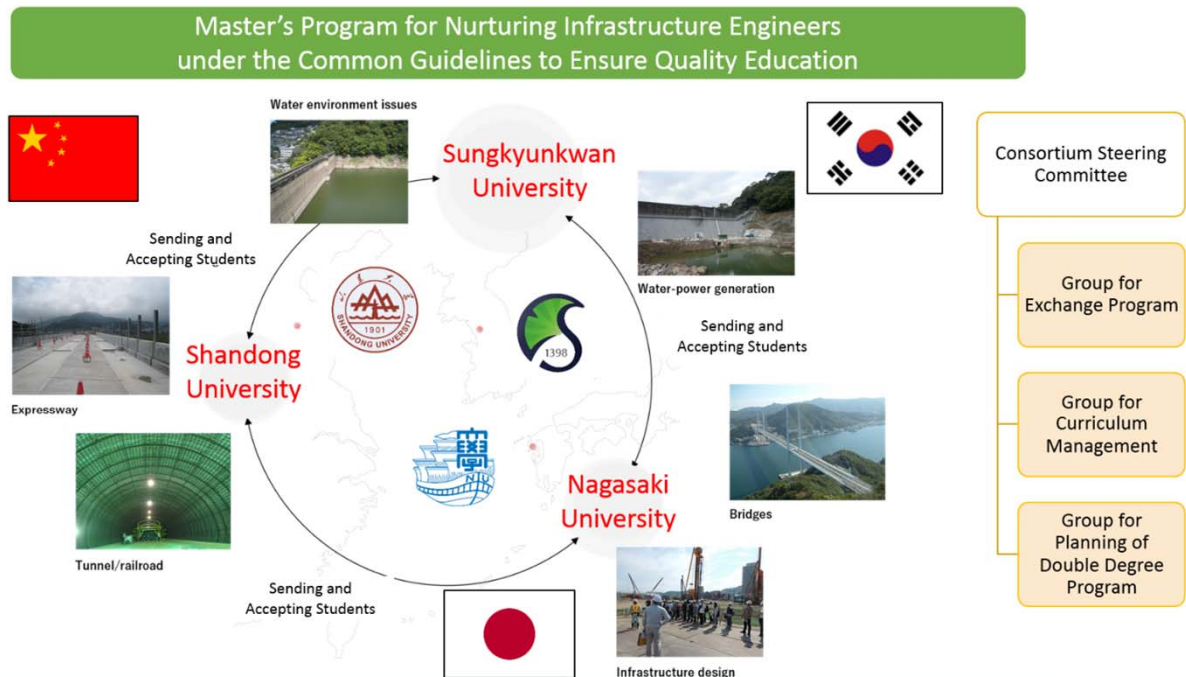
Support for the Formation of Collaborative Programs with Universities in Asia

【Name of project】(Adopted year: FY2016, Type A-② CAMPUS Asia)

China-Japan-Korea Intercollegiate Cooperative Project for Nurturing Leading Infrastructure Engineers

【Summary of Project】

The Master's Course of the Graduate School of Engineering, Nagasaki University, consists of seven courses as represented by the "Civil and Environmental Engineering Course" and "Water and Environmental Engineering Course". These infrastructure related courses will host students from China and Korea, and nurture their practical skills as professional engineers who can contribute to the maintenance of infrastructure in Asian countries under close cooperation with public sectors and domestic enterprises. Furthermore, Japanese students enrolled in these courses will be sent to the partner universities in China and Korea based on the credit-transfer system. They will attend lectures and activities conducted in English which are related to the infrastructure maintenance in these countries. This exchange program is aimed to equip these participating students with global perspective and skills necessary to contribute to the infrastructure maintenance in Asian countries.



Student Mobility at the Master's Level based on «Credit Transfer System» + «Double Degree Program»

- Application, admission or tuition fees of the participating exchange students will be waived based on the trilateral agreement among the Graduate School of Engineering, Nagasaki University, the School of Civil Engineering, Shandong University and the Graduate School of Water Resources, Sungkyunkwan University.

【Summary of Exchange program】

10 graduate students from each partner university will participate in the reciprocal exchange program (6 months) based on the credit transfer system. In addition to the specialized education curriculum in each university, the "Curriculum for Infrastructure Maintenance Engineering" will be jointly developed. The double-degree program will also be launched by FY2019 to further promote intercollegiate student exchange.

【Global Human Resource on the project】

This project aims to develop infrastructure engineers or highly professionals with practical skills necessary to contribute to solving the issues related to infrastructure maintenance in Asian countries.

- Human resources with specialized knowledge and skills about infrastructure maintenance and related technology
- Human resources with general knowledge of overall infrastructure maintenance
- Human resources with English communication skills necessary as global professionals

【Feature on the project】

This project focuses on the issues related to infrastructure maintenance in Asian countries based on the past collaboration experience among Japan, China and Korea. Positioned as one of the leading projects in the long-term strategy of Nagasaki University, it is expected to achieve its outcome to develop infrastructure engineers or highly professionals in the area of civil infrastructure as represented by structural engineering, geotechnical engineering, and water and environmental engineering (including environmental engineering and chemical engineering).

【Exchange number】

<TypeA-②>

	2016	2017	2018	2019	2020
Accepted number in Japan	C 0	C 5	C 5	C 5	C 5
	K 0	K 5	K 5	K 5	K 5
Accepted number in China	J 3	J 5	J 5	J 5	J 5
	K 0	K 5	K 5	K 5	K 5
Accepted number in Korea	J 3	J 5	J 5	J 5	J 5
	C 0	C 5	C 5	C 5	C 5

1. FY2016 Progress

【Nagasaki University】

【Name of project】(Adopted year: FY2016, Type A-② CAMPUS Asia)

China-Japan-Korea Intercollegiate Cooperative Project for Nurturing Leading Infrastructure Engineers

■ Exchange Programs

The academic agreement along with MOU on student exchange have been concluded to ensure the trilateral relationship among partner universities. Trial program was also conducted for both outbound and inbound students in order to find issues to be addressed before the implementation of 6 months exchange program starting in FY2017.



Experimental Laboratory of Sungkyunkwan University, Korea

<Type A-②>

	2016
Accepted number in Japan	C 0 K 3
Accepted number in China	J 2 K 0
Accepted number in Korea	J 2 C 0



Research Presentation at Shandong University, China

Student-Mobility

○ Outbound

4 graduate students from Nagasaki University participated in 4 weeks trial program from February to March. Shandong University, China and Sungkyunkwan University, Korea accepted 2 students each. This trial program helped find specific issues related to accommodation or daily lives at host university.

○ Inbound

Based on the request from Sungkyunkwan University, Korea, Nagasaki University hosted 3 graduate students from Sungkyunkwan University for 2 weeks in the middle of January. The participating students attended the lectures conducted in English, which were offered by the Water and Environmental Engineering Course.

■ Forming the University Network with Quality Assurance

Under the “Consortium Steering Committee” for the project management, three groups, namely “Group for Exchange Program”, “Group for Curriculum Management” and “Group for Double Degree Program”, have been implemented for the purpose of smooth operation of this project. These groups will play the most important role in leading the exchange program under the common guidelines for ensuring quality education.

On March 23, 2017, the 1st Consortium Steering Committee was held in Nagasaki University. All the staff members of this project from China and Korea gathered to strengthen the trilateral partnership and to further promote the project.

■ Promotion of Student-Mobility Environment

In order to prepare for the implementation of student mobility based on the credit transfer system, Nagasaki University took initiative in organizing round-table meeting among partner universities to confirm the details of student exchange, the application process, student mobility schedule, and financial support for students offered by each university. Nagasaki University also hired bilingual staff who can speak Chinese and Korean to accommodate both incoming and outgoing students before, during and after their stay abroad.

■ Internationalization of the university

Information disclosure and Publication of outcome

Nagasaki University outsourced photo shooting of the campus pictures at Sungkyunkwan University and Shandong University, including university building, library, dormitory and laboratory, for their use of public relations. Partner universities also created a shared logo for promoting the Consortium. The website has been newly created to promote this project in and outside of the university, displaying a number of pictures related to student’s campus life.



Consortium Logo

■ Good Practices

- The President of Nagasaki University attended the 1st Trilateral Rector’s Forum held in Seoul, Korea on December 13, 2016 to deliver an opening speech at the CAMPUS Asia Launching Ceremony. He showed his strong commitment on the project in front of the participants from universities and ministries of China, Korea and Japan.
- 4 graduate students from Nagasaki University participated in 4 weeks trial program at Shandong University, China and Sungkyunkwan University, Korea. This trial program has turned out to be very valuable in preparing for the implementation of student exchange starting in FY2017.

2. FY2017 Progress

【Nagasaki University】

【Name of project】(Adopted year: (Adopted year: FY2016, (Type A-② CAMPUS Asia))

China-Japan-Korea Intercollegiate Cooperative Project for Nurturing Leading Infrastructure Engineers

■ Exchange Programs

The year of 2017 marks the second year since the inception of this project. During this time, three universities organized regular round-table meetings every three months, and carried out successful inbound and outbound exchange of students based on the credit transfer system during the period of September, 2017 to February, 2018. With the great dedication of these three universities towards concluding the agreements for the double degree program and its practice guidelines, the documents were successfully signed at the end of March, 2018, at the second Consortium Steering Committee for Nurturing Leading Infrastructure Engineers.

Student-Mobility

○ Outbound

Based on the credit transfer system, one graduate student was sent to Shandong University, China, and three graduate students were sent to Sungkyunkwan University, Korea. The outbound exchange of these students marked the beginning of a full-fledged outbound exchange program of the students at Nagasaki University. In addition, the students who participated in the program became aware that they are expected to play an active role in the international community.

○ Inbound

Based on the credit transfer system, Nagasaki University accepted five graduate students from Shandong University, China, and five graduate students from Sungkyunkwan University, Korea as special audit students between the end of August, 2017 and the end of February, 2018. Their devotion to study greatly inspired local Nagasaki University students who chose to stay at their home institution. Through communicating with inbound students in the laboratories, Japanese students realized the importance of, and the need to become more internationally-minded.

■ Forming the University Network with Quality Assurance

Under the board of the Consortium Steering Committee for Nurturing Leading Infrastructure Engineers, a “Group for Curriculum Management” and “Group for Double Degree Program” were implemented for the purpose of ensuring efficient and smooth operation of the program. In 2017, each group conducted a round-table meeting at the end of May and December at Shandong University, China, and at the end of August at Sungkyukwan University, Korea. In 2018, the groups also conducted a round-table meeting at the end of March at Nagasaki University. As a result of the meetings, the agreement for the double degree program and its practice guidelines were fully developed and prepared for the signing at the second Consortium Steering Committee for Nurturing Leading Infrastructure Engineers, held on March 28-31, 2018.

■ Promotion of Student-Mobility Environment

Japanese lessons were offered to the inbound exchange students to provide the opportunity for them to learn basic Japanese skills. This opportunity helped inbound students to decrease their uneasiness about daily life in Japan. Participating inbound students requested further instruction in Japanese skills, and basic conversational Japanese lessons were additionally offered by international coordinators who are fluent in Chinese or Korean. In total, 19 lessons (90 minutes per lesson) were offered during the period of October, 2017 to February, 2018. As for the outbound students, a briefing session for the outbound exchange program was held to explain the schedule of the program, deadline for application, and the content of financial support. The briefing session was productive in terms of helping prospective outbound students to make informed decision about participating in the exchange program.

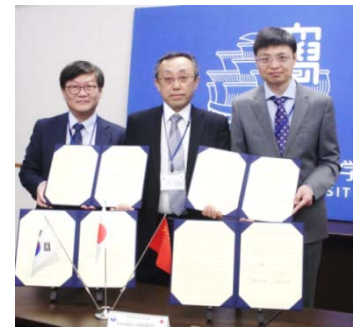
■ Internationalization of the university

Information disclosure and Publication of outcome

Creating promotional brochures both in Japanese and English enabled Nagasaki University to publicize its participation in the program not only to the students in partner universities but also to students worldwide. In addition, Nagasaki University upgraded its website for the project in July 2017 to provide the Chinese and Korean translated version of the website, making it possible to provide clear image of the study abroad program to students inside and outside of Japan.

■ Good Practices

With the successful signing of the agreement and practice guidelines for the double degree program, students are now able to utilize the double degree system a year earlier than it was originally planned. Furthermore, five Japanese students and one Chinese student (a senior student at Engineering Department) participated in 4-week summer program about infrastructure at Sungkyunkwan University from July 24 to August 18, 2017. The program turned out to be a great opportunity for the students, as they were able to learn the current situation and issues of infrastructure development in Korea. This opportunity is also expected to encourage outbound students to join this project, beginning in 2019.



The Second Consortium Steering Committee for Nurturing Leading Infrastructure Engineers

<TypeA-②>

	2017
Accepted number in Japan	C 5
	K 5
Accepted number in China	J 1
	K 2
Accepted number in Korea	J 3
	C 5



Orientation for Inbound Students



International Exchange Event at Sungkyunkwan University



Exchange Program Completion Ceremony at Shandong University



Summer Program at Sungkyunkwan University