

FY2015 Inter-University Exchange Project Niigata University

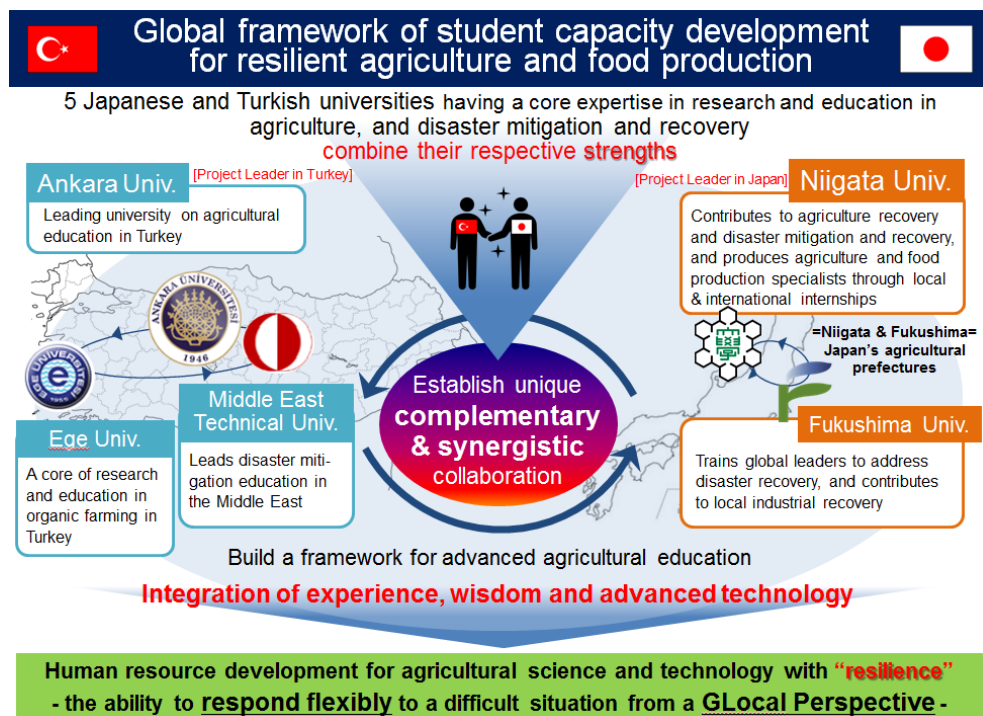
Support for the Formation of Collaborative Programs with Latin America and the Caribbean, Turkey

【Name of Project】(Adopted year: FY2015, Country (Turkey)

Global framework of student capacity development for resilient agriculture and food production

【Summary of Project】

This project aims to develop human resources for agricultural science and technology with “resilience”, which is the ability to respond flexibly to a difficult situation/event from a GLocal perspective. This will be achieved by a complementary and synergistic partnership among Niigata University, Fukushima University, Ankara University, Ege University and Middle East Technical University, that have a core expertise in research and education in agriculture, and disaster mitigation and recovery. The collaboration allows together Japanese and Turkish students to study agriculture, food production and disaster mitigation technologies from a perspective of the experiences and wisdom of both countries in addition to advanced agricultural technologies. Human resources produced through this project are expected to play a leading role in e.g. establishment of agricultural infrastructure that addresses disaster mitigation; production of quality agricultural products through advanced agricultural technology; sustainable agriculture through organic farming; and activation of international food distribution not only in Japan and Turkey, but throughout the Middle East, North Africa and various Central Asian countries. They will open a new frontier in agriculture and food production industries, and contribute significantly to strengthening Japan’s presence in these regions.



【Summary of Exchange Program】

The project comprises two programs: a Global Agriculture and Food Science Program and a Global Disaster Mitigation and Recovery Program, with short-, medium- and long-term courses. It aims to impart the experiences, wisdom and advanced technologies of Japan and Turkey, and nurture the multiple perspectives of agriculture, food production, disaster mitigation and recovery in students through courses common to both programs and special practical sessions mainly comprising visits to areas undergoing agriculture and disaster recovery. The short-term course comprises a GLocal Project-Based Learning program that entails discussing local issues and suggesting solutions from a global perspective. The medium- and long-term courses involve pursuing specific topics, and inbound (Turkish) students are offered internships at companies specializing in emergency foods such as Foricafoods Corporation, and outbound (Japanese) students at large-scale organic farming companies such as Rapunzel. We also intend to establish a double degree program (DDP) before the project ends.

【Global Human Resource on the Project】

- (1) Human resources capable of using advanced technologies and the experiences and wisdom of other countries effectively to resolve problems
- (2) Global resources capable of contributing to development of agriculture, disaster mitigation and recovery, and economic development in Turkey, Japan and worldwide

【Feature on the Project】

Five Japanese and Turkish universities combine their strengths to build a framework for education, and train human resources with resilience and global competency from the multiple perspectives of agriculture, food, disaster mitigation and recovery.

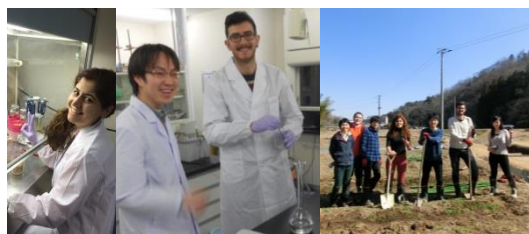
【Exchange Number】

	2015	2016	2017	2018	2019
Outbound	2	21	21	26	26
Inbound	2	21	21	26	26

【Name of Project】(Adopted Year: FY2015, Country (Turkey))

Global Framework of Student Capacity Development for Resilient Agriculture and Food Production

■ Exchange Program



〈FY2015 Trial Student Activities〉

FY2015 was considered as a preparation period for the actual project implementation starting the following year. In addition to launching the main control center at Niigata University, selection of coordinators at each university and assistant coordinator, development of management and evaluation system and programs, creation of the project brochures and website were completed. Furthermore, coordinators from Turkey and Japan visited each other for detailed planning of the project implementation, as well as visiting student dormitories and facilities at Turkish universities to confirm the safeness of outbound students. Additionally, by accepting trial students from Turkey at Niigata University and Fukushima University, issues that need to be cleared were discovered.

○ Outbound

Two students were planned to be sent to Turkey in FY2015. However, due to the deterioration of public security in Turkey, the outbound program was cancelled considering student safety.

○ Inbound

Two inbound students were expected, but total of three students, one from each Turkish university, participated in this project in FY2015. They stayed for four weeks to conduct experiments at laboratories and visited related areas. Among them, two students also participated in the program at Fukushima University.

	FY2015	
	Planned	Outcome
Outbound	2	0
Inbound	2	3

■ Formation of the University Network with Quality Assurance

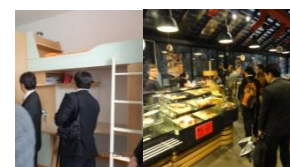
In FY2015, Niigata University renewed university-level Agreement for Cooperation and Memorandum of Understanding (MOU) on Student Exchange with Ankara University as well as newly concluded the Agreement and MOU with Ege University and Middle East Technical University. Additionally, ERASMUS+ and Mevlana Exchange Program Agreement were concluded with Middle East Technical University to further support students in their studies abroad.

Fukushima University has started to discuss with each university in Turkey to conclude Agreements within FY2016. Niigata University will conclude an Agreement specifically for this project with Ankara University and Ege University before implementing the Short-Term Exchange Program in FY2016.

Furthermore, Niigata University and Ankara University have started to discuss about concluding a Double Degree Program Agreement.



〈Conference with Turkish universities〉



〈Student dormitories at Turkish universities〉

■ Promotion of Student-Mobility Environment

Through accepting one trial student from each of the Turkish university, various issues to be solved were found from student perspectives for the following year. As for the outbound program, we were unable to send students in FY2015, however, we received information from some students who have had study abroad experience in Turkey through other programs. Furthermore, faculty members from Niigata University and Fukushima University visited Turkey to confirm the university environment to start preparation to send students safely in FY2016.

■ Internationalization of the University

Information Disclosure and Publication of Outcomes

By creating brochure and website for this project in Japanese, English, and Turkish, we were able to promote active student participation and earned understanding and support from faculty members to this project. We were also able to share significance of this project with various stakeholders outside campus. Moreover, English brochure and website has been helping international students, other than Turkish students, to receive information on this project as well. In addition to providing outcomes through the website promptly, we would like to hold student report sessions after returning to their home countries to inspire other students to study abroad.

■ Notices

Two out of three trial students accepted gave a presentation at the student workshop, in which Japanese students also participated, before returning to Turkey. There, discussion regarding problems arised in the program were held, and various opinions were exchanged among students, including their research interests. Furthermore, the workshop inspired a lot of Japanese students to study abroad, and they showed high interest in this project.

By holding project introduction and FD at both Niigata University and Fukushima University, we were able to promote student participation in this project in addition to earning understanding and support from faculty members. Moreover, faculty members at Turkish universities were able to understand current condition and recovery plans in Fukushima after the Great East Japan Earthquake, confirming the safeness and worth to visit and study in Fukushima.

2. FY2016 Progress

【Niigata University】

【Name of Project】(Adopted Year: FY2015, Country (Turkey))

Global Framework of Student Capacity Development for Resilient Agriculture and Food Production

■ Exchange Programs



〈 Outbound Program - Closing Ceremony 〉

〈Inbound Program – Lecture and Field Study 〉

As a practical starting year for both inbound and outbound programs, we particularly focused on the Short-Term Exchange Program in FY 2016. Although we had to give up in implementing the outbound program due to the domestic situations of Turkey, a Short-Term Outbound Program was carried out in an alternative country in order to meet the objectives of this project. The inbound and outbound programs provided an opportunity for the students of Niigata University and Fukushima University to develop global perspectives, hence a stronger desire to study abroad for a longer period and to improve their English language skills. Based on a proposal by Niigata University, various information, especially for security of students, was shared among all universities in collaboration with Turkish universities, before the outbound program started.

Student-Mobility

○ Outbound

The outbound program had to be canceled due to the coup attempt occurred in July 2016 in Turkey, while we were preparing to send 15 students to Ege University in August 2016. However, instead of Turkey, the outbound program was implemented at Chiang Mai University in Thailand, in February 2017, in which 15 Japanese students participated and 4 students from Turkish universities joined to enable the Japanese participants to learn about Turkish agriculture.

〈Turkey〉

	2016	
	Plan	Results
Outbound	21	15
Inbound	21	16

○ Inbound

A total of 16 Turkish students, consisting of 15 Short-Term and 1 Intermediate-Term students, participated in the inbound programs and were involved in various activities, including lectures, research experiments, and field studies. In addition, the Intermediate-Term student participated in internships at private farm and company.

■ Forming the University Network with Quality Assurance

Niigata University has already signed university-level student exchange agreements with the Turkish partner universities. In addition to this agreement, Niigata University and Ankara University have signed an MOU specific to this project, which allows exchanging more students. Furthermore, in order to assure the quality of the education, both inbound and outbound programs are designed in a way to fulfill the project objectives concerning human-resource development. Fukushima University has also signed the university-level agreements with Ege University and Middle East Technical University.



Project Meeting at Niigata University

■ Promotion of Student-Mobility Environment

Ensuring security and confirming safety were of serious concerns for both inbound and outbound programs. Participants brought mobile WiFis, which enabled the program administrators to contact them at anytime and the participants to receive security information and easily contact one another. All the outbound program participants also filed the MOFA Overseas Travel Registration. An emergency contact network was created and the supervisors reported about the participants to Niigata University on a daily basis during the outbound program. Students at the host university supported program participants in learning. They also offered a full-support for daily aspects of the participants. In this supportive environment, they were able to focus on learning. To improve the program for the next years, both inbound and outbound participants submitted questionnaires and reports, and supervisors submitted their opinions and feedbacks.

■ Internationalization of the University

Information Disclosure and Publication of Outcome

Reports from the participants have been posted on the project website. An annual project report, which includes all programs and activities as well as faculty and student reports, was created for distribution at the end of FY 2016. Brochures prepared in FY 2015 have been used to promote this project among faculty and students at participating universities. Faculty Development (FD) and Student Workshop was held at Niigata University in January 2017, where many students, faculties, and advisory board members, including those from Turkish partner universities, participated. At this FD and Student Workshop, students from Niigata University and Turkish partner universities gave presentations in English, contributing to the globalization of the participating institutions.

■ Notices

The number of the participated students were less than targeted for Intermediate- and Long-Term inbound and outbound programs, however, Short-Term program was implemented twice, in which a total of 15 students participated. The Short-Term outbound program was carried out at the alternative location with attendance of students and a faculty from Turkish universities as well, enabling the participants to learn about Turkish agriculture. For FY 2017, there are 8 candidates for the Intermediate- and Long-Term Inbound Programs, and their applications are being processed at Niigata University. Furthermore, two symposiums have been scheduled for May and September 2017, where outbound and inbound students will present their experiences.