

FY2015 Re-Inventing Japan Project Niigata University

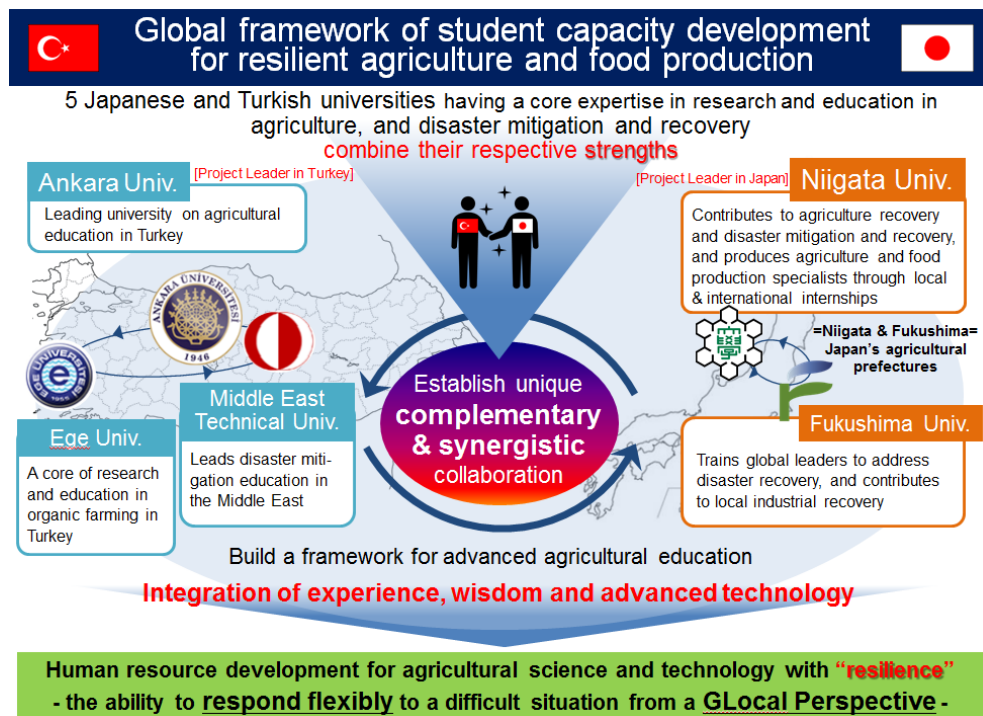
Support for the Formation of Collaborative Programs with Latin America and the Caribbean, Turkey

【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