

Provisionally Selected Projects for FY2022

The following projects have been provisionally selected for FY2022. Within each field, projects are listed in alphabetical order of the project title. Project titles are based on the titles submitted by the researchers in the counterpart countries and may be modified as a result of further discussion between JICA and the counterpart country.

*[]: counterpart country

*(): Principal Investigator in Japan; affiliation

Environment and Energy

“Research contributing to the solution to global-scale environmental issues”

“The Project for Development of Easy-operation High-tech Analytical Devices and Human Resource for Food Safety and Environmental Quality Control”

[Socialist Republic of Viet Nam]

(Associate Professor MAWATARI Kazuma; School of Engineering, The University of Tokyo)

“The Project for Development of Palm Oil Mill Effluent (POME) Treatment System for Sustainable Energy Production and Resource Recovery based on Material Innovation”

[Malaysia]

(Associate Professor YOSHIDA Naoko; Graduate School of Engineering, Nagoya Institute of Technology)

“The Project for Establishing Sustainable Water Supply System Resilient to the Contamination of Drinking Water Sources”

[Socialist Republic of Viet Nam]

(Associate Professor FUJIOKA Takahiro; Graduate School of Engineering, Nagasaki University)

Environment and Energy

“Research on the sustainable use of resources and energy with a view to achieving carbon neutrality”

“The Project for Integrated Sustainable Energy and Food Production from Microalgae-based Carbon Capture and Utilization”

[Republic of Indonesia]

(Team Leader MOCHIDA Keiichi; Center for Sustainable Resource Science, RIKEN)

Bioresources

“Research contributing to sustainable production and utilization of bioresources”

“The Project for Breeding Innovation in Chili Pepper and Tomato to Accelerate Sustainable Vegetable Production in Tropical Regions”

[Republic of Indonesia]

(Associate professor KANG Seung won; Faculty of Life and Environmental Sciences, University of Tsukuba)

“The Project for Recovering High Value Bioproducts for Sustainable Fishery”

[Republic of Chile]

(Professor ONODA Akira; Faculty of Environmental Earth Science, Hokkaido University)

“The Project for the Establishment of an Immediate Rice Variety Development and Dissemination System using the Citizen Science Approach”

[Republic of Zambia]

(Professor KONDO Takumi; Research Faculty of Agriculture, Hokkaido University)

“The Project on Establishment of an Alert System for *Fusarium oxysporum* f. sp. *ubense*, the Banana and Plantain Wilt Pathogen, and Mitigation Strategy of the Pathogen”

[Republic of Peru]

(Professor ARIE Tsutomu; Institute of Agriculture, Tokyo University of Agriculture and Technology)

Disaster Prevention and Mitigation

“Research on disaster prevention and mitigation towards social sustainability”

“Real-Time Lightning 3D Imaging and Forecasting Project for Sustainable Energy Supply and Storm Disaster Early Warning”

[Malaysia]

(Professor MORIMOTO Takeshi; Faculty of Science and Engineering, Kindai University)

“The Project for Establishment of a Research and Education Complex for Developing Disaster-resilient Societies – MARTEST”

[Republic of Turkey]

(Designated Professor, Executive Adviser of President KANEDA Yoshiyuki; Institute of Education, Research and Regional Cooperation for Crisis Management Shikoku, Kagawa University)