Flood disaster risk reduction
洪水防災

Continuing

Target Countries : Flood disaster-prone countries

Course No. : J1804071 **No. :** 1884478

Sector : Water Resources/Disaster Management/Wind and Flood Disaster(Flood Control)

Sub-Sector :

Language : English

Outline

This program aims to develop the participants' capacity to practically manage and reduce risk of flood disasters in local levels in developing countries which are suffering from flood disasters consistently.

Objective/Outcome

【Objective】
The participant's capacity to practically manage and reduce risk of flood disasters in developing countries which is suffuring from flood disasters consistently will be enhanced.

【Outcome】
(1)To be able to explain basic concept and theory on generation process of flood disasters, hazard risk evaluation, disaster risk managemant policy and technologies.

(2)To be able to explain basic concept and theory on flood countermesures including landslide and debris flow.

(3)To formulate the countermesures to solve the problems and issues coucerning flood disasters in participants' countries by applying techniques and konwlledge acuired through the program.

Target Organization / Group

【Target Organization】
Governmental organizations concerning river management or flood-related disasters

【Target Group】
Technical officials, engineers or researchers who are expected to be core human resources in the organization. Those who have three or more year of experience in the field of river management or flood-related disasters in governmental organization.

Contents

・Lectures, exercises and site visits on social engineering knowledge requierd in flood control (disaster management policy, disaster management, integrated flood risk management, local disaster management)

・Lectures, exercises and site visits on theoritical knowledge required in flood control (hydrology, hydraulics, river engineering, etc.) and practical konwledge required in flood control (sediment transportation, sabo engineering, dam engineering, etc.)

・Lectures and exercises on theory and practice of problem-solving methods (Project Cycle Management, etc.)

・Wrinting Master's thesis/ Action Plan

Course Period	2018/9/30～2019/9/13
Department in Charge	Global Environment Department
JICA Center	JICA Tsukuba(Training)
Cooperation Period	2016～2018

Implementing Partner	Public Works Research Institute GRIPS
Remarks and Website	Continue of Target group: Those who are universitiy graduates, preferably in civil engineering, water resource management, disaster mitigation, or related department. English proficiency: TOEFL iBT 79