Objective/Outcome

[Objective]
The participant’s capacity to practically manage and reduce risk of flood disasters in developing countries which is suffering 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 management policy and technologies.
2. To be able to explain basic concept and theory on flood countermeasures including landslide and debris flow.
3. To formulate the countermeasures to solve the problems and issues concerning flood disasters in participants’ countries by applying techniques and knowledge acquired 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.

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

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Outcome

1. To be able to explain basic concept and theory on generation process of flood disasters, hazard risk evaluation, disaster risk management policy and technologies.
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Contents

- Lectures, exercises and site visits on social engineering knowledge required in flood control (disaster management policy, disaster management, integrated flood risk management, local disaster management)
- Lectures, exercises and site visits on theoretical knowledge required in flood control (hydrology, hydraulics, river engineering, etc.) and practical knowledge 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.)
- Writing Master’s thesis

Department

Global Environment Department

JICA Tsukuba (Training)

In Charge

JICA Center

Course Period

2019/9/30～2020/9/16

Remarks and Website

Continue of Target group:
Those who are university graduates, preferably in civil engineering, water resource management, disaster mitigation, or related department.

English proficiency: TOEFL iBT 79

Implementing Partner

Under Planning