Objective/Outcome

- **Objective**: Capacity of participants on planning and implementation of activities to improve operation and maintenance of irrigation facilities is enhanced.

- **Outcome**: 1. Participants understand laws and systems of Japan related to water resource management and irrigation facilities.  
  2. Participants understand mechanism of sustainable operation and management of irrigation facilities with participation of beneficiaries.  
  3. Participants gain knowledge useful to consider management of water resource for agriculture and operation and maintenance of irrigation facilities suitable for the target area.  
  4. Participants prepare Action Plan at his/her organization to improve operation and maintenance of irrigation facilities based on findings during the Program.

Target Organization / Group

- **Target Organization**: Central/local government in charge of management of water resource for agriculture or operation and maintenance of irrigation facilities  
  WUA or association of WUA  
- **Target Group**: Central/local government officers or head/staff of WUA in charge of management of water resource for agriculture and operation and maintenance of irrigation facilities

Outline

Central and Caucasian countries have challenges of proper operation and maintenance of irrigation facilities and water usage especially after the collapse of the Soviet Union. This program is for central/local Water Users’ Associations (WUA) in charge of management of water resource for agriculture and operation and maintenance of irrigation facilities, in order to enhance their capacity on planning and implementation of activities to improve operation and maintenance of irrigation facilities in their countries.

Contents

1. **Preliminary Phase**  
   Participants prepare Inception Report on challenges of his/her organization or target area related to irrigation scheme.

2. **Phase in Japan**  
   (1) Participants make presentations and discussion on Inception Reports to get a better understanding of issues in each country.  
   (2) Participants deepen their understandings on the followings:  
   - Sustainable operation and maintenance of irrigation facilities with participation of beneficiaries: Participatory Irrigation Management, Land Improvement District etc.  
   - Knowledge useful to review management of water resource for agriculture and operation and maintenance of irrigation facilities: Concept of water management, planning of irrigation and water flow observation, functional diagnosis of irrigation facilities, planning and implementation of rehabilitation of facilities etc.  
   (3) Participants discuss utilization of findings during the Program in his/her country and prepare Action Plan at his/her organization to improve operation and maintenance of irrigation facilities.

Implementing Partner

- Under Planning

Remarks and Website

Course Period: 2017/06/04～2017/08/05  
Department in Charge: Rural Development Department  
JICA Center: JICA Tsukuba (Training)  
Cooperation Period: 2016～2018

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