Objective/Outcome

**Objective**
The design and implementation capacity for maintenance, operation and management of officials concerned with irrigation facilities is improved.

**Outcome**
1. To learn the frameworks of Japanese laws and systems on agricultural development projects
2. To learn the rehabilitation project planning methods on irrigation facilities development
3. To learn the participatory management methods and the administrative roles for the appropriate maintenance of irrigation facilities
4. To propose the plan for solving problem having in participant’s organization

Outline
In developing countries, several agricultural development projects have been promoted so far, meanwhile the appropriate operation and management and the rehabilitation of many aged water use facilities also are required to be maintained by governmental authorities and beneficiaries’ participation. This course aims at contributing to capacity reinforcement for administrative and technical officials.

<table>
<thead>
<tr>
<th>Objective/Outcome</th>
<th>Target Organization / Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>The design and implementation capacity for maintenance, operation and management of officials concerned with irrigation facilities is improved.</td>
<td><strong>[Target Organization]</strong> Central or Regional Governmental (Ministry / Agency concerned to agricultural administration) in charge of infrastructure development</td>
</tr>
<tr>
<td><strong>[Target Group]</strong></td>
<td>1) Be (Administrative / Technical) officials in charge of O&amp;M of irrigation facility 2) More than 5 years professional experience in the relevant field 3) Abe: 30-50 4) It is recommendable to be involved with JICA’s project.</td>
</tr>
</tbody>
</table>

**Contents**

**[Preliminary Phase]**
1. Making an Inception Report

**[Core Phase in Japan]**
1. Law and policy on agricultural development project based on maintenance, operation and management of agricultural irrigation facilities in Japan.
2. Maintenance and management of irrigation facilities for effective use
3. Irrigation facility rehabilitation planning and evaluation
4. Water utilization plan
5. Information and communication technology for water distribution planning
6. Operation of the water user association and the rehabilitation of irrigation facilities for encourage to farmer ownership.
7. Making an Action Plan

<table>
<thead>
<tr>
<th>Course Period</th>
<th>Department in Charge</th>
</tr>
</thead>
</table>
| (A) 2019/10～2019/11  
(B) 2019/6～2019/7 | Rural Development Department |

<table>
<thead>
<tr>
<th>Implementing Partner</th>
<th>Remarks and Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>(A) Under Planning / (B) Under Planning</td>
<td></td>
</tr>
</tbody>
</table>