This course is for central/local government or NGO officers to gain necessary knowledge and skills on conservation and management of water environment, which is the basis of nature, culture and industries etc., through case studies in typical 7 islands in Okinawa. Concretely, this course will provide how to cope with the management of land areas, as an axis to water environment management.

### Objective/Outcome

<table>
<thead>
<tr>
<th>Objective</th>
<th>Target Organization / Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participants acquire knowledge and techniques for conservation and management of water environment.</td>
<td>Central/local government or public organizations in charge of water environment conservation, or NGOs tackling with water environment conservation.</td>
</tr>
<tr>
<td>1. Current situation and issues on the water environment reservation are sorted out.</td>
<td>1. Have more than 3 years of experience in this field.</td>
</tr>
<tr>
<td>2. Participants become able to sort out issues on establishing structure or management of water environment reservation planning/activities.</td>
<td>2. University graduate or equivalent.</td>
</tr>
<tr>
<td>3. Participants become able to plan approaches programs for water environment conservation in their regions/countries.</td>
<td>3. Have a good command of English in speaking, listening and writing.</td>
</tr>
<tr>
<td>4. Action plan is drafted.</td>
<td>4. Healthy in both physically and mentally.</td>
</tr>
<tr>
<td>5. What participants gained in Japan is shared to the organization.</td>
<td>5. Not be served in military.</td>
</tr>
</tbody>
</table>

### Contents

- Collecting relevant information, preparing country report
  1. (Discussion) Country Report presentation
  2. (Lectures) Ecosystems and nature conservation in island countries, Outline and management of water resources, conservation of coral reefs and mangroves etc.
  3. (Practice) Field survey in mangroves, seashores etc.
  4. (Lecture) Legal system for water environment, Measures to conserve water quality, Regulations for preventing red-clay erosion, Solid Waste Management, Environmental assessment, Environmental education and public awareness, Rolls of the stake holders, Human resources development etc.
  5. (Practice) Various research method, Environmental workshop etc.
  6. (Practice) PCM method, Case study on typical islands in Okinawa
  7. (Discussion) Action Plan presentation

### Course Period

- 2018/01/10～2018/03/10

### Department in Charge

- Global Environment Department
- JICA Okinawa

### JICA Center

- 2015～2017

### Implementing Partner

- Under Planning

### Remarks and Website