### Objective/Outcome

**Objective**

Participants and their organizations will acquire techniques needed to manage biodiversity conservation and protected areas, understand related mechanisms, and be able to formulate an action plan for solving problems.

1. Understand government policies/private organizations’ activities related to survey/conservation of biodiversity and related issues like human-nature conflicts, and explain current status/problems in their own country
2. Understand ideas/techniques of GIS/remote sensing/database/web system and their operations
3. Understand ideas/techniques for setting protected areas/buffer zone by GIS/remote sensing, and for evaluating effects
4. Learn about scientific surveys to know ecological situations, and methods to know causes of human-nature conflicts
5. Learn about creating natural-environment data by local people/universities/NGOs, and ideas/methods of collaboration for managing protected areas/buffer zone
6. Understand ideas/techniques for collecting/accumulating/sharing natural-environment data
7. Propose the projects/measures for environmental education, consensus building with local people, etc., to conserve biodiversity and maintain ecosystem services, based on outputs 1)-6) above

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### Target Organization / Group

**Target Organization**

Central/Regional public institution or private organizations, engaged in planning/implementing measures for biodiversity conservation (including NGO)

**Target Group**

1. Central/Regional officials, NGOs/private organizations' staff, researchers, engaged in planning/implementing measures for biodiversity conservation
2. 5 years practical experience or more
3. Age: 25-40 years old
4. Be able to operate PC smoothly

### Contents

[Core Phase in home country] Submission of Inception Report

1. Policies/measure taken for conservation/survey of natural environment/biodiversity in Japan
2. Basic techniques on GIS/remote sensing, methods for creating/display/analysis of information by GIS
3. Ideas/techniques of setting conservation areas (GAP analysis) and biodiversity evaluation by GIS
4. Methods of surveys/monitoring for understanding causes/current status in human-nature conflicts, and GIS data origination based on the survey results
5. Ideas/techniques of information sharing with local people, consensus building, environment education and awareness raising
6. Compiling database for accumulating/sharing survey data/information related to natural environment
7. Making Action Plans for proposing the project

(*) This training aims to learn/obtain the GIS/remote sensing/database/related surveys and the methods & ideas to promote people's participation, and contribute to practice them in each participant's country.