Small-scale Inland Aquaculture
小規模内水面養殖

Continuing

Target Countries :

Course No. : 201984967-J002

No. : 201984967

Sector : Agricultural Development/Fisheries

Sub-Sector :

Language : English

Outline

As catches from wild capture fisheries level has been off, small-scale inland aquaculture, which can be promoted by low technology and low cost, is expected to be a new supplier of animal protein and other important nutrients. Japan has advanced aquaculture technology and JICA has been carrying out inland aquaculture extension projects by farmer to farmer extension approach in ASEAN and African region. This Course is designed to combine lectures in Japan and practices at Southeast Asian Fisheries Development Center(SEAFDEC), and is expected not only to enhance the knowledge of aquaculture and the capabilities for field operations, but also to develop human resources who contribute to their countries policy planning in the near future.

Objective/Outcome	Target Organization / Group
【Objective】 Ability for technique of small-scale inland aquaculture which can be applied to their country is improved 【Outcome】 Theories and technologies for Small-scale inland aquaculture are gained New trend on research and technology for inland aquaculture is shared The Japanese challenges to establish traditional and cultural value of the inland fisheries are analyzed	【Target Organization】 Government organization for aquaculture (National, Local) Research institute for aquaculture 【Target Group】 Staff of the target organization who is engaged in promotion, management, extension and research on inland aquaculture More than 3 years working experiences English or French ability for discussion and report writing University degree or an equivalent qualification

Contents

(1) Lecture
Aquaculture method for major species
Broodstock management
Seed production
Feed formulation
Prevention and treatment of fish diseases
Water and soil quality control including fertilization
Design and construction of aquaculture facility
Development and extension of aquaculture techniques considering nutrition improvement and gender main streaming
Fisheries management and value added by fishers' organization
Legal and institutional arrangement for inland fisheries and aquaculture
(2) Practice
Seed production
Biotechnology
Fish diseases diagnosis
Inland aquaculture techniques
(3) Observation
Globally important agriculture heritage system; Ayu of the Nagara River System
Inland aquaculture facilities
Seed production facilities
Aquaculture research centers
Fish processing plant and marketing facilities
(4) Formulation and presentation of the action plan

Course Period	2019/7～2019/8
Department in Charge	Rural Development Department
JICA Center	JICA Chubu
Cooperation Period	2018～2020

Implementing Partner	Gifu prefectural Inland Fisheries Training Center,Marine-Forum21
Remarks and Website	