



Freshwater Fisheries Research Center
Chinese Academy of Fishery Sciences
Asian-Pacific Regional Research and Training Centre
for Integrated Fish Farming

2007'

Technical Training Course on Aquaculture

Sponsored by:

Government of the Peoples' Republic of China

2007 Technical Training Course on Aquaculture



The 2007 Technical Training Course on Aquaculture for developing country will be sponsored by the Chinese Government as a part of China's foreign assistance program. The **Freshwater Fisheries Research Center, Chinese Academy of Fishery Sciences**, also known as **Asian-Pacific Regional Research and Training Centre for Integrated Fish Farming** is assigned as the course organizer

by the Ministry of Commerce (MOFCOM) of China.

China has the longest history of aquaculture practice in the world. Currently, its national annual fisheries production and aquaculture production rank the first in the world. The inland aquaculture, especially pond fish culture, has developed rapidly in the past two decades in China, which is leading in the world in terms of production and techniques. Chinese aquaculture is characterized by the **pond and inland openwater fishery** practices with its own technical packages. It is also a kind of culture system that well fits the concept of sustainable development and circular economy and is widely applicable for aquaculture development in developing country.

Freshwater Fisheries Research Centre (FFRC) of the Chinese Academy of Fishery Sciences (CAFS) is one of the largest fishery research institutes in China, aimed at providing the developing countries with applicable aquaculture technology through various activities such as research, training and technical exchanges etc. The training centre, i.e. the Asian-Pacific Regional Research and Training Centre for Integrated Fish Farming (IFFC) was established in 1981 by the Chinese Government with the assistance of UNDP/FAO. IFFC is also the Regional Lead Centre in China (RLCC) of the Network of Aquaculture Centres in Asia-Pacific (NACA). The training centre has updated training facilities and equipments such as classrooms, laboratories, library, computerized-multimedia facilities, internet service, experimental fish farm, guesthouse and canteen, sport fields etc.

Since 1981, the center has been organizing training courses on integrated fish farming and other subjects annually, more than 1000 fisheries technical and managerial personnel from 80 countries and regions have been trained.

I. AIMS AND NATURE:

The course is organized in order to promote aquaculture development in Developing country and enhance the economic and trade cooperation between China and the recipient countries in the areas of fisheries. The objective of the



course is to transfer the techniques and experience of Chinese aquaculture, to endow the participants with specialized knowledge of relevant subjects and practical techniques used in field through theoretical studies and practical training during the course. The course is multi-disciplinary in nature. It covers all the essential technical aspects of aquaculture, and will be very much practical-oriented so as to provide participants with on-hand experiences.

II. DATE AND DURATION:

The duration of the training course is scheduled as:

1) Apr. 25 to Jun. 24, 2007 (61 days) for participants from Asia-Pacific;

2) Sep. 03 to Nov. 01, 2007 (60 days) for participants from African countries.

III. VENUE:

The training course will be conducted at Freshwater Fisheries Research Centre (FFRC) of the Chinese Academy of Fishery Sciences (CAFS) in Wuxi City, Jiangsu Province, People's Republic of China.

IV. COURSE CONTENETS:

The course covers the basic theories, advanced practical techniques and managerial patterns related to the characteristic Chinese aquaculture systems comprehensively. The major contents include:

- ✧ Cultured related biological character of major cultured species and species selection;
- ✧ Promotion of natural food organisms through fertilization and water quality management in fishpond;
- ✧ Theories and techniques for induced breeding of cultured fish technology and hatchery operation;
- ✧ Fish nutrition and feeding technology;
- ✧ Rearing of fish fry and fingerlings;
- ✧ Food fish culture techniques and models;
- ✧ Prevention and treatment of aquaculture diseases;



- ✧ Practice of Chinese integrated fish farming;
- ✧ Marine finfish & Shrimp/prawn farming;
- ✧ Cage culture;
- ✧ Integrated development techniques for inland lakes and reservoirs;
- ✧ Development and management of aquaculture projects and
- ✧ Other related topics.



V. TRAINING METHODS:

The training will be conducted through comprehensive approaches, including theoretical lectures, lab work, field practice, demonstration, seminar and study tours etc.

VI. MEDIUM OF INSTRUCTION: The working language is **English**.



VII. EXAMINATION AND CERTIFICATE:

The performance of the participant will be assessed through a series of evaluations, which include performance of participant in various kinds of course activities, completion of various reports on field practice, preparation of project proposal and the final written exam. A certificate of proficiency will be awarded to the participant on the successful completion of the course.

The allotment of marks is as the followings:

Written tests	50%
Reports	25%
Performance and diligence	25%



VIII. TARGET GROUP AND REQUIREMENTS FOR ADMISSIONS

The training course is targeted to technical and managerial professionals in fisheries and aquaculture sector in Developing country who meet the following requirements:



1. Nominated by government or related departments;
2. Preferably aged younger than 50-year-old;
3. Have worked in aquaculture and fisheries sector for at least two years;
4. Have a good health, physical capability to fulfill all course activities and no infectious disease;

5. Have good competence of English in reading, speaking, listening and writing;
6. Prepare a review paper on aquaculture development and basic information for integrated fish farming development in your respective country.
7. Not bring any family members while attending the course;
8. Pledged to observe all the Chinese laws and regulations and respect the local customs during the training period in China;

IX. TRAINING EXPENSES

1. The expenditure of training, board and lodging, local transportation for the purpose of training, including 30-yuan/per capita as daily pocket money, during the training period in China for the participants ***funded by Chinese Government*** will be borne by the training centre.
2. For the other expenses including the international travel expenses and transit/transfer cost and so on between the home country of participants and Shanghai need be borne by the participants themselves or source.
3. The government of the country that sends participants to the training course should assume the responsibility for their insurance, cost of medical care, monthly salary etc. during the course period.



X. APPLICATION AND ADMISSION APPROVAL

1. The applicant should be nominated by their respective government. The duly completed application form should bear the endorsement and recommendation by the department concerned of the government and be submitted

with a valid health certificate provided by an authorized physician or hospital to the Economic and Commercial Counsellor's Office of Chinese Embassy in the respective country for the examination, verification, endorsement, and recommendation, which will be transferred to the training centre in China after the official approval.

2. The Chinese Embassy will endorse the admission and issue visa to the accepted applicant through the department concerned of applicant's government. The admitted participant should come to China and attend the course as scheduled after passing through all the other necessary formalities.

XI. INSURANCE

The course organizer does not accept any responsibility for such risks as loss of life, accidents, illness, loss of property, etc.

XII. INSTITUTION AND PERSONS TO CONTACT

**Economic and Commercial Counselor's Office
of the Chinese Embassy
in your respective country**

**Freshwater Fisheries Research Center
Chinese Academy of Fishery Sciences
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