



Photo credit: Mohamed Fathi WorldFish

## Hatchery technologies for Nile tilapia and African catfish training program

The course will take place from 7 to 11 August 2016



### Introduction

The hatchery technologies for Nile tilapia and African catfish training is a 5-day course designed for aquaculture hatchery and farm operators and managers, researchers, technicians, and extension workers. It provides hands-on training in modern aquaculture research and management techniques, especially in relation to tilapia and African catfish. The course includes the latest information on production methods shown to be reliable in the field, demonstrates updated technology for mass production of fish seed, and covers farming practices for different farming conditions.

### Training topics

Specific topics include the following:

- aquaculture development with special emphasis on the present role of tilapia in Egyptian aquaculture
- hatchery technology and seed production of Nile tilapia and African catfish
- design of commercial tilapia hatcheries
- developing management plans for commercial hatcheries
- genetic enhancement and breeding programs for Nile tilapia and African catfish
- nutrition and feeding strategies of tilapia fry and broodstock
- health management of tilapia hatcheries.

The course includes a mix of lectures, practical training, demonstrations and field trips to hatcheries of various sizes and technologies.

### How to apply

Individuals interested in this training should meet the following criteria:

- hold a university degree
- have basic knowledge and skills in the propagation and farming of selected freshwater species, preferably Nile tilapia (*Oreochromis niloticus*) and African catfish (*Clarias gariepinus*)
- be able to read and speak English, the language the course is given in (Arabic interpretation is available if needed)
- can commit to attending from 09:00 to 15:00 for the 5-day course
- be physically fit to undertake the course

To apply for the training, interested individuals must complete and submit an application form to [m.fathi@cgiar.org](mailto:m.fathi@cgiar.org). Female participation in the course is strongly encouraged.

The application will be assessed against the criteria and if approved, the applicant will receive a preliminary acceptance letter. A formal acceptance letter (needed to apply for a visa) will be issued when the full training fees have been received.

## Logistics

### Location and facilities

The training course is held at the WorldFish Regional Center at Abbassa, Sharkia, Egypt (~90 kilometers from Cairo). The center has modern research and training facilities, excellent housing and catering, recreation facilities, and 24-hour Internet access. Free laundry facilities are also available.

### Visa

Once participants receive the formal acceptance letter, they should check with the Egyptian embassy in their home country about visa requirements and if additional actions are needed (e.g. immunization). Organizing a visa is the responsibility of the participant.

### Transportation

Participants are responsible for paying for and organizing their own transport to Egypt. Once in Egypt, all transportation is provided as part of the training. WorldFish staff will meet participants on arrival at Cairo airport and arrange transport from/to Cairo airport at the beginning and end of the training. Additional trips to tourist and historical sites during the weekend can also be arranged, at the expense of the applicant.

### Accommodation

Participants stay in well-equipped dormitory blocks at the Abbassa center and use shared bathroom facilities. WorldFish will strive to provide single rooms for all participants. Female participants will stay in separate accommodation.

## Food

Breakfast, lunch and dinner are provided for every day of the training.

## Training fee

For the 5-day course, the fee is USD 650. The fee covers the full training period, local transportation and full board accommodation from the day of arrival until the end of the course.

For individuals from African countries, WorldFish will bear the accommodation cost (USD 30 per day), to support the development of aquaculture. Full payment must be received before arrival in Egypt.

## Contact

For more information, please contact:  
Dr. Mohamed Fathi, Training Coordinator  
Tel: (+ 20 55) 3168821/(+ 20 55) 3168823  
Fax: (+ 20 55) 3168825  
Email(s): m.fathi@cgiar.org or worldfish-egypt@cgiar.org

“ *The knowledge we obtained was based on the different types, methods and techniques of fish culture and their management. It will certainly have a great impact on our emerging tilapia aquaculture development programs.* ”

– Training participant, 2015



## Information sheet

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To be returned, with a brief curriculum vitae, to [m.fathi@worldfishcenter.org](mailto:m.fathi@worldfishcenter.org)

### Hatchery technologies for Nile tilapia and African catfish

#### Personal data

Family name: \_\_\_\_\_

First name: \_\_\_\_\_

Sex: \_\_\_\_\_

Date of birth (day/month/year): \_\_\_\_\_

Nationality: \_\_\_\_\_

Mailing address: \_\_\_\_\_

Country: \_\_\_\_\_

Telephone (indicate country and area codes): \_\_\_\_\_

Fax (indicate country and area codes): \_\_\_\_\_

Email address: \_\_\_\_\_

#### Education

Highest degree obtained: \_\_\_\_\_

University: \_\_\_\_\_

Country: \_\_\_\_\_

Area of specialization: \_\_\_\_\_

#### Employment or activity

Present position: \_\_\_\_\_

Present post held since (indicate date): \_\_\_\_\_

Duties: \_\_\_\_\_

Name of present employer: \_\_\_\_\_

Address of present employer: \_\_\_\_\_

Country: \_\_\_\_\_

Telephone (indicate country and area codes): \_\_\_\_\_

Fax (indicate country and area codes): \_\_\_\_\_

Email address: \_\_\_\_\_

Website: \_\_\_\_\_

Source of funding for attending this course (e.g. self-financed, government, other):

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Most important publication(s) related to this course (attach if applicable):

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Briefly let us know how you hope to utilize the training to enhance your capacity in your work:

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**Language knowledge (please put an X in the corresponding box):**

Language	Mother tongue	Very good	Good	Fair
Arabic				
English				
French				
Spanish				
Other (please specify)				

**How did you find out about this training course?**

Website		Through a friend	
WorldFish		Other (please specify)	
Sustainable Aquaculture Research Networks in Sub Saharan Africa (SARNISSA)			

Additional relevant information (if necessary):

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