



## Aquaculture engineering training program

From 25-29 March 2018 in Abbassa, Egypt



### Introduction

The aquaculture engineering training program is a five-day, hands-on course designed for professionals working in aquaculture in Africa and other parts of the world. By the end of the training, participants will have gained valuable skills in aquaculture engineering and fish farm management. The language of instruction is English.

### Training content

The training covers the following topics:

- planning and productive development of aquaculture facilities;
- management of renewable energy in aquaculture;
- the basics of engineering design for fish farms;
- characteristics of pumps operating in fish farms and their operating economies;
- all types of filters in high-intensification aquaculture systems;
- industrial ventilation in aquaculture (types, capacities, economics);
- design of tilapia hatcheries;
- design of a marine hatchery model;
- intensive fish farm design.

The training is made up of a dynamic mix of lectures, practical sessions, demonstrations and field trips to commercial fish farms.

### How to apply

Interested individuals should meet the following criteria:

- hold a university degree;
- have basic experience in the aquaculture industry or research;
- be able to read and speak English (Arabic interpretation is available if needed);
- can commit to attending all five training days from 09:00 to 15:00;
- be physically fit to undertake the training.

To apply, please complete an application form and submit it to [D.Hanafy@cgiar.org](mailto:D.Hanafy@cgiar.org). Female participation 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 fee has been received.

## Logistics

### Location and facilities

The course will be held at the WorldFish Research Center in Abbassa, Sharkia, Egypt (~90 kilometers from Cairo). The center has modern research and training facilities, excellent accommodation and catering, recreational areas 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 and other requirements (e.g. immunization). Organizing a visa is the responsibility of the participant.

### Transportation

Participants are responsible for organizing and paying for their own transportation to Egypt. Once in Egypt, all transport 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 can also be arranged, at the participant's expense.

### Accommodation

Accommodation is in well-equipped dormitory blocks with shared bathroom facilities. WorldFish will strive to provide single rooms for all participants. Men and women are accommodated separately.

## Food

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

## Costs

The fee is USD\$ 160 per person per day. The fee covers all training costs and full board accommodation from the day of arrival until the end of the program, including transportation from/to the airport.

WorldFish will cover the accommodation costs (USD\$ 30 per day) of participants from African countries, as part of its support for aquaculture development on the continent. Full payment must be received before arrival in Egypt.

## Contact

For more information, please contact:

Ms. Doaa Fawzy, Training Manager

Tel: (+20 100) 1472891 - 0102 0043112

Fax: (+20 55) 3168825

Email: D.Hanafy@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** **”**



## PARTICIPANT PROFILE SHEET

The purpose of this form is to gather profile information about participants for the WorldFish Training Center Database System.

### Please complete the following:

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

Phone number (incl. area codes): \_\_\_\_\_ Mobile: \_\_\_\_\_

E-mail address: \_\_\_\_\_

Gender: Male  Female  Country: \_\_\_\_\_ Nationality: \_\_\_\_\_

Please select your age range:

20–24 <input type="checkbox"/>	25–29 <input type="checkbox"/>	30–34 <input type="checkbox"/>	35–39 <input type="checkbox"/>	40–49 <input type="checkbox"/>	50–59 <input type="checkbox"/>	Over 60 <input type="checkbox"/>
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What is your current level of employment? (Please tick one box only):

Full time	Part time	Temporary	Seasonal	Other (please specify)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

What is your highest qualification gained?

1	Primary	5	Bachelor's degree/higher diploma
2	Professional certificate	6	Master's degree/post-graduate diploma
3	Non-professional certificate	7	Doctoral degree
4	Advanced/higher certificate	8	Other

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

### Employment details

Company name: \_\_\_\_\_

Job title/position in company: \_\_\_\_\_

Name of supervisor/manager: \_\_\_\_\_

E-mail address of supervisor/manager: \_\_\_\_\_

Phone number of supervisor/manager: \_\_\_\_\_

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

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

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

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Language knowledge (please tick 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 program?

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

Would you like to receive further information regarding training programs managed or administered by WorldFish Egypt?:      Yes       No

**Thank you for your collaboration**

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[www.worldfishcenter.org](http://www.worldfishcenter.org)

