

Extra-curricula activities

Field trips to private sector farms and related enterprises are organized to bring important knowledge and perspectives to the courses.

AARTC alumni from Africa, Asia, Latin America and Europe, as well as Egypt, have gone on to hold high-level fisheries, aquaculture and rural development posts in their home countries and internationally.

“ *My government, the government of Mauritius, has put lots of emphasis on aquaculture because captured fisheries is diminishing. We know Egypt is good at aquaculture. So, I am here to learn and share this knowledge to my people in my country when I am back.*

- Vijay Mangar, Senior scientific officer,
Ministry of Oceanic Economy, Mauritius, 2016

Partners

- Egyptian International Center for Agriculture (EICA)
- Japan International Cooperation Agency (JICA)
- Food and Agriculture Organization (FAO)
- Arab Organization for Agricultural Development (AOAD)
- Egyptian Fish Council (EFC)
- U.S. Grains Council
- Netherlands Embassy
- Wageningen University
- European Union (EU)
- Swiss Agency for Development and Cooperation (SDC)
- Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
- Sustainable Trade Initiative (IDH)
- International Fund for Agricultural Development (IFAD)

To learn more about WorldFish, go to:
www.worldfishcenter.org

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**Africa Aquaculture Research and Training Center
(AARTC)**



The Africa Aquaculture Research and Training Center is a regional center of excellence for research, training and fostering innovation and entrepreneurship in the African aquaculture sector.

Opened in 1998, the WorldFish-run research center in Sharkia, Egypt, has played an important role in the development of the aquaculture sector in both Egypt and sub-Saharan Africa.

The center has trained more than 1700 government officers, university staff, farmers, extension agents and researchers from 105 countries since 1999.

With an extensive 62 ha situated in the Nile Delta, the center provides access to facilities that replicate commercial farm conditions so that trainees learn through both theoretical sessions and practical training.



The center offers five main training courses:

- Aquaculture technologies
- Hatchery technologies for Nile tilapia and African catfish
- Fish health management principles
- Fish genetics and fish breeding technologies
- Fish nutrition (fish feeds and feeding strategies).

Specialized courses are provided to advance other skills needed for aquaculture development, including:

- Water quality management;
- Fish pond management;
- Aquaculture systems;
- Enhancing managerial capacity in fish farming;
- Training of trainers (TOT) for academic staff;
- Environmental impacts of aquaculture;
- Design and construction of fish farms and hatcheries.

Courses are residential and generally last from one to three weeks. Participants are housed in onsite apartments, which enables them to work together for group projects and hands-on training in laboratories and fields.



The center provides access to the following facilities and services:

- 150 earthen ponds (for research and training)
- indoor concrete tanks for fish hatchery and other research
- the Abbassa strain tilapia breeding program
- a new aquaculture feeds research facility
- workshop, training and educational facilities
- hostel and residence apartments
- 24-hour internet access
- interpretation services.

Course topics have evolved in response to changing training needs as aquaculture has developed both in Egypt and internationally. From an initial focus on enhancing the productivity of fish farms and hatcheries, later courses have addressed emerging issues of importance in aquaculture.

