

## Technical training

Ongoing



### Duration

Varying



### Beneficiaries

Farmers, specialists, extension officers, researchers, decisionmakers



### Objectives

ICBA aims to develop the capacities of its individual and institutional stakeholders in collaboration with national agricultural research systems, academic and research institutions, and other partners to address the challenges affecting agriculture and food production in marginal environments.



### SDGs



### Regions

Central Asia, the Middle East, North Africa, South Asia, the South Caucasus, and sub-Saharan Africa



### Funders

Government of the UAE, Islamic Development Bank, Environment Agency – Abu Dhabi, International Fund for Agricultural Development, Arab Bank for Economic Development in Africa, United States Agency for International Development and many others



ICBA offers a variety of technical training opportunities.

ICBA provides technical training to **farmers, extension officers, scientists, and decisionmakers**, among others. This type of training varies in scope and focus and is designed to equip participants with practical skills, tools, and resources.

### Activities

Since its establishment in 1999, ICBA has developed the capacities of thousands of people from around **100 countries**.

The center's technical training offerings cover different topics on agriculture and related fields, including **sustainable water and land management; climate change adaptation and mitigation; biosaline agriculture; climate modeling; crop diversification; plant biotechnology; and integrated agri-aquaculture systems**.

### Background

**Knowledge and technology transfer** forms an integral part of ICBA's research and development initiatives. ICBA works to develop technical skills and competences of individual and institutional beneficiaries to support efforts aimed at creating sustainable agri-food systems in marginal environments. This work underpins ICBA's mission. The center has a wide range of **technical training offerings, including short- and mid-term training courses, certified training programs, and farmer field schools**, to improve the capacity and knowledge of its stakeholders.

They are provided online and in person and are tailored for the needs of specific groups.

As farmers are among the main stakeholders, ICBA conducts farmer field schools under most of its projects to transfer knowledge and technology. Over the years, the center has developed the capacities of thousands of farmers in different regions in best practices in seed production, crop, land, and irrigation management, among other things.

### Outcomes



ICBA's technical training courses cover a range of agriculture-related fields.

ICBA has produced various technical training materials and resources, including manuals, how-to guides, and explainer videos, to support learning and development in different countries. These materials and resources are available at the center's website.

To date the center has conducted **170 technical training courses** for over **4,000 specialists**. More importantly, ICBA's scientists have reached out to and demonstrated best biosaline agriculture practices to over **30,000 farmers**.



Beneficiaries of ICBA's technical training courses include farmers, extension officers, and decisionmakers.

## Future Directions

ICBA is committed to providing technical capacity development opportunities to its stakeholders in different parts of the world. The center will work to expand the range and number of its programs and courses. To reach a larger number of beneficiaries, the center will also continue to produce e-learning and online courses.

Moreover, the number of accredited certification courses will also be increased in collaboration with various partners, including the Continuing Professional Development (CPD) Certification Service, the UK, and the FAO e-Learning Academy.

ICBA is committed to collaborating with all partners to develop the technical competences and skills of farmers, extension officers, and other groups in different countries and thus support sustainable agricultural development and food, nutrition and water security.

### About ICBA

The International Center for Biosaline Agriculture (ICBA) is a unique applied agricultural research center in the world with a focus on marginal areas where an estimated 1.7 billion people live. It identifies, tests and introduces resource-efficient, climate-smart crops and technologies that are best suited to different regions affected by salinity, water scarcity and drought. Through its work, ICBA helps to improve food security and livelihoods for some of the poorest rural communities around the world.