What we do

Our scientists work on a number of technological innovations, including all conventional and remote sensing and modeling for climate change adaptation.

Our scientists have wide-ranging backgrounds and research interests in soil, surface water, groundwater and salinity management, plant genetic resources, field and forage crop systems, agronomy, irrigation and drainage technologies; resources management, water governance and policy, remote sensing, GIS and climate modeling.

What we offer

Innovation and capacity building are at the heart of everything we do. We innovate to deliver solutions for assessment of natural resources, climate change adaptation, crop productivity and diversification, aquaculture and bioenergy, and policies for resilience.

We help to develop skills and knowledge of our partners across different continents. Thousands of people have benefited from our training programs in more than 15 countries.

As knowledge is our main product, we are committed to making sure that knowledge we generate is freely available to everyone, today and tomorrow.

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We are an international non-profit agricultural research center, based in Dubai, the UAE. Our center was established in 1999 by the Islamic Development Bank, the Government of the United Arab Emirates, the Organization of the Petroleum Exporting Countries Fund, and the Arab Fund for Economic and Social Development.

Originally focused on the problems of salinity and using saline water for irrigated agriculture, our center has evolved over the years into a world-class research facility with a team of international scientists conducting applied research and development to improve agricultural productivity and sustainability in marginal and saline environments.

We are committed to working in partnership with organizations across the globe to develop and deliver agriculture and water scarcity solutions for marginal and saline environments.

Together with national, regional and international partners, our center supports applied research and helps to develop sustainable agricultural solutions for resource-poor populations in marginal and saline environments. Our scientists test and introduce improved technologies and crops to increase agricultural productivity and incomes of smallholder farmers and other land users.

Dr. Dionyssia Angeliki Lyra is an agronomist with a Ph.D. in Agricultural Sciences from Greece. She joined our center in 2013 as a post-doctoral researcher working on the screening and evaluation of halophytic populations as potential crops for biosaline agriculture and the development of a farming system that integrates aquaculture and agriculture components.

Here is what she says about her experience at our center: "When I joined the program, I received all the support and guidance I needed from the staff to conduct my research. What I like about ICBA in particular is that there are many networking opportunities as you get to know lots of people as part of your work. I was given the chance to attend several conferences that helped me increase my scientific networking circles and as a result through successful partnership I managed to get a grant from USAID to support one of my projects."

For more information on research opportunities at ICBA, please contact us:

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What our research fellows say

Who we are

Agriculture for Tomorrow
ICBA Research Opportunities