Biosaline agriculture as an approach for combating salinity in marginal agricultural systems

Organized by ICBA (International Center for Biosaline Agriculture)

5 June 2019, 12:00-13:30
German room - C269
Background

Salinization of soils is a significant component of desertification processes. Desertification causes rural poverty which in turn strengthens the conditions leading to desertification. Rehabilitation of desert systems requires the adoption of multiple strategies including the rehabilitation of natural degraded ecosystems and the use of the limited water resources in agriculture production, afforestation and aquaculture systems in certain cases.

This side event will present different approaches for combating soil salinity in marginal agricultural systems based on several case studies. The key themes addressed during this event include: 1) strategies for achieving sustainable livelihoods and food security in marginal environments, 2) sustainable soil management in salt-affected lands, 3) the use of innovative technologies for a better management of agricultural systems and, 4) the integration of agriculture/aquaculture with halophytic crops.

Agenda

12:00-12:10  International Center for Biosaline Agriculture strategy for achieving sustainable livelihoods and food security in marginal environments

A short movie

12:10-12:30  Management of salt-affected soils

Dr Ahmed H. ELNAGGAR, Soil management Scientist, ICBA

12:30-12:50  Using innovative technologies for a better management of agricultural systems

Dr. Ali Elbattay, Senior Scientist- Remote Sensing and drones technology, ICBA

12:50-13:10  Biosaline agricultural production systems for marginal environments

Dr. Dionysia Angeliki Lyra, Halophyte Agronomist, ICBA

13:10-13:30  Questions and open discussion

Panel discussion

Light refreshment offered by ICBA