Workshop
Innovative technologies and integrated solutions to improve water and soil use efficiency under arid conditions

Date: January 11-12, 2016
Venue: International Center for Biosaline Agriculture, Dubai, United Arab Emirates

Background
The International Center for Biosaline Agriculture (ICBA) has coordinated three projects since 2014. They are:

1) Improving water and nutrient use efficiency for crop production in dry lands via soil amendments and remote sensing techniques;
2) Development of novel real-time irrigation management tool based on canopy spectral reflectance; and
3) Improving economics of using saline water in arid and semi-arid areas through integrated aqua-agriculture systems (IAAS).

The major outcomes of the three projects will be presented at the workshop, followed by a discussion forum in which various stakeholders from public and private sectors, policymakers and end-users will be actively involved.

Agenda

Monday, January 11, 2016

08:30-09:00 Registration
09:00-09:15 Welcome address by Dr. Ismahane Elouafi, Director General, ICBA
09:15-09:45 Research impacts by Dr. Ghazi Abu Rumman, Deputy Director / Director of Policy, Research and Development, MENA NWC
09:45-10:15 Group photo and coffee break

Outcomes of the FABRI Projects

10:15 -10:45 Improving water and nutrient use efficiency for crop production in dry lands via soil amendments and remote sensing techniques (YWSP 01-02 Program)
Dr. Henda Mahmoudi, ICBA and Dr. Ali El Battay, AGU, Bahrain

10:45-11:15 Development of novel real-time irrigation management tool based on canopy spectral reflectance (WIF Program)
Dr. Hirich Aziz, ICBA

11:15-11:30 Coffee break

11:30-12:00 Improving economics of using saline water in arid and semi-arid areas through integrated aqua-agriculture systems (IAAS) (YWSP 01-01 Program)
Dr. Dionyssia Lyra, ICBA

12:00-13:00 General discussion on projects outcomes
13:00-14:00 Lunch

Tuesday, January 12, 2016

09:00-10:00 Visiting FABRI projects sites
10:00-10:30 Coffee break
10:30-12:00 Group discussion: review of the innovative technologies and integrated solutions presented on Day 1 and steps forward to consider their scaling-up and adoption by farmers in the region—SWOT approach

12:00-13:00 Concluding remarks
13:00-14:00 Lunch