



Regional Workshop
Use of Brackish Water for Agricultural Production in the Near East and North Africa:
 Status, Good Agricultural Practices and New Developments
The Conrad Cairo Hotel / June 10-12, 2013 - Cairo - Egypt

AGENDA

Monday June 10, 2013

09:00 - 09:30 Opening Ceremony: **Dr. Abdessalam Ould Ahmed**, FAO ADG/RR
H.E. Dr. Mahmoud Abu-Zeid, AWC President
H.E. Dr. Mohamed Bahaa El Din Ahmed, Minister of MWRI-Egypt

Session 1: Worldwide experiences and new developments on the use of brackish water for agricultural production

Chairman: **Dr. Hussein El-Atfy (AWC)**

Co-chairman: **Dr. Mohamed Abd-Elmoneim Wahba (MWRI-Egypt)**

Rapporteur: **Dr. Atef Swelam (ICARDA)**

09:30 - 09:50 Agricultural use of brackish water: opportunities and challenges.
Prof. Atef Hamdy, CIHEAM/IAM-B & AWC.

09:50 - 10:10 Regional overview on brackish water use for agricultural production in NENA.
Dr. Faycel Chenini, FAORNE.

10:10 - 10:30 Integrated approach to the use of brackish water in agricultural production in WANA: ICBA's achievements and lessons learnt.
Dr. Abdullah Al-Dakheel, ICBA.

10:30 - 10:50 Improvement of brackish water productivity in agriculture.
Dr Atef Swelam, ICARDA.

10:50 - 11:10 Aquaculture and brackish water use for integrated agricultural approach.
Dr. Sherif SADEK, ACO.

11:10 - 11:30 Private sector experiences for managing brackish water for agricultural production.
Prof. Walid Abderrahman, Chairman & CEO – MC & AWC.

11:30 - 11:50 Zero liquid discharge technology as new development for brackish water use for the NENA region.
Dr. Nabil El-Maraghy, ID&WT.

11:50 - 12:30 Discussion with ongoing coffee break.

Session 2: Country's SoA on use of brackish water for agricultural production in the NENA region

Chairman: **Dr. Walid Abderrahman (Chairman/CEO - MC)**

Co-chairman: **Dr. Atef Hamdy (CIHEAM/IAM-B & AWC)**

Rapporteur: **Dr. Akram El-Ganzory (MWRI - Egypt)**

12:30 - 12:50 Country paper on brackish water use for agricultural production in **Egypt**.
Dr. Mohamed Samir Abo Soliman, National Consultant - Egypt

12:50 - 13:10 Lessons learnt and Achievements in Brackish Water Use sector in Egypt.
Dr. Akram Mohamed Elganzori, MWRI - ECRI Egypt

13:10 - 13:30 Country paper on brackish water use for agricultural production in **Tunisia**.
Pr. Hichem Achour, National Consultant - Tunisia

13:30 - 13:50 Country paper on brackish water use for agricultural production in **Algeria**.
Mr. Ramdane Lahouati, National Consultant - Algeria

13:50 - 14:10 Country paper on brackish water use for agricultural production in **Morocco**.
Pr. Redouane Choukr-Allah, National Consultant - Morocco

14:10 - 15:00 Discussion with ongoing coffee break
 Wrap up and recommendations

15:00 Lunch

19:30-21:30 Courtesy Dinner

Tuesday June 11, 2013

Session 2 (Cont.): **Country stands on use of brackish water for agricultural production in the Near East and North Africa region**
Chairman: Dr. Abdullah Al-Dakheel (ICBA)
Co-chairman: Dr. Hassan M. El Shaer (DRC - Egypt)
Rapporteur: Dr. Ahmad Sobh (GIZ)

09:00 - 09:20 Country paper on brackish water use for agricultural production in **Iran**.
Dr. Seyed Ali Mohammad Cheraghi, National Consultant - Iran

09:20 - 09:40 Country paper on brackish water use for agricultural production in **Iraq**.
Mr. Radhwan K Abdul Halim, National Consultant - Iraq

09:40 - 10:00 Country paper on brackish water use for agricultural production in **KSA**.
Pr. Abdrubalrasoul Msoa Al-Omran, National Consultant - Saudi Arabia

10:00 - 10:20 Country paper on brackish water use for agricultural production in **Yemen**.
Mr. Abdulkarim Al-Sabri, National Consultant - Yemen

10:20 - 10:30 Discussion with ongoing coffee break

Session 3: **Group work to develop Good Agricultural Practices on use of brackish water for agricultural production in the Near East and North Africa region**
Moderators: Dr. Faycel Chenini (FAORNE); Dr. Hussein El-Atfy (AWC); Dr. Atef Swelam (ICARDA); Dr. Abdullah Al-Dakheel (ICBA); Dr. Mohamed Wahba (MWRI)

10:30 - 12:00 Group work A (3 Groups: one per sub-region): **Identification of Good Agricultural Practices and success stories on the use of brackish water for agricultural production in the NENA region**

- Introduction of Group work A, **Dr. Faycel Chenini, FAORNE** (10 mn)
 - Group work 1: North Africa, **Rapporteur: A. Belloum, FAOSNE**
 - Group work 2: GCC and Yemen, **Rapporteur: M. Bhatti, FAOSNG**
 - Group work 3: Oriental Near East, **Rapporteur: L. Curtis, FAORNE**

12:00 - 12:30 - Presentation of group work findings (Plenary).
- Discussion with ongoing coffee break.
- Wrap up and recommendations.

Session 4: **Group work to develop basic project information for the Guidelines project**
Moderators: Dr. Faycel Chenini (FAORNE); Dr. Hussein El-Atfy (AWC); Dr. Atef Swelam (ICARDA); Dr. Abdullah Al-Dakheel (ICBA); Dr. Mohamed Wahba (MWRI)

12:30 - 14:00 Group work B (3 Groups: one per sub-region): **Develop basic Sub-regional project information related to brackish water use for agricultural production using logical framework methodology.**

- Introduction of Group work B, **Dr. Faycel Chenini, FAORNE** (10 mn)
 - Group work 2: North Africa, **Facilitator: A. Belloum, FAOSNE**
Rapporteur: Country resource person;
 - Group work 2: GCC and Yemen, **Facilitator: M. Bhatti, FAOSNG;**
Rapporteur: Country resource person;
 - Group work 3: Oriental Near East, **Facilitator: L. Curtis, FAORNE;**
Rapporteur: Country resource person.

14:00 - 14:30 Presentation and discussion of group work findings (Plenary).

14:30 - 14:45 Recommendations of the Regional Workshop / Follow up activities

14:45 - 15:00 Closing Ceremony: **Dr. Moujahed Achouri, FAO Representative & DRR**

15:00 Lunch

Wednesday June 12, 2013

Session 5:

Technical field visit

Facilitators:

Dr. Mohamed Abd-Elmoneim Wahba (MWRI-Egypt)

Dr. Nabil Al-Maraghy (ID&WT)

- 08.00 Departure from the hotel
- 9:30 Arrival to **Dina farm**
(West Delta project - Brackish Ground Water)
- 11:30 Departure to **El-Zeny farm** (Km 87 Cairo - Alexandria Desert Road)
- 12:30 Arrival to the Pilot site for saving 90% of irrigation water by using the technology of salinity removal – Zero Liquid Discharge (ZLD).
- 14:00 Lunch at Wahet Omar Restaurant (Km 111 Cairo - Alexandria Desert Road)
- 15:00 Evaluation
- 15:30 Back to Cairo

Field visit location and characteristics:

West of Cairo/Alexandria Desert Road Egypt, Km 80

Latitudes $30^{\circ} 12.22'$ and $30^{\circ} 17.08'$

Longitudes $30^{\circ} 29.36'$ and $30^{\circ} 37.42'$

Ground elevation varying between 70m and 100m above sea level.

Average of temperature (June 12th): $36 - 40^{\circ}\text{C}$.

