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Economic and Social Commission for Western Asia (ESCWA)

United Nations Development Account Project on
“Developing the Capacities of the Arab Countries for Climate Change Adaptation
by Applying Integrated Water Resources Management Tools”

“Workshop on Climate Change Adaptation in the Agricultural Sector
using Integrated Water Resources Management (IWRM) Tools”
UN-House, Beirut, Lebanon, 15-17 February 2016

AGENDA

Day 1: Monday, 15 February 2016

8:45 – 9:00

Registration

Please bring your passport, visa stamp and airline ticket stub with you to the meeting.

9:00 – 10:00

Opening and Introduction

Moderator: *Mr. Tarek Sadek, First Economic Affairs Officer, Water Resources Section (WRS), Sustainable Development Policies Division (SDPD), United Nations Economic and Social Commission for Western Asia (ESCWA)*

- Ms. Roula Majdalani, Director, Sustainable Development Policies Division, ESCWA
- Mr. Ihab Jnad, Director, Water Resources Department, Arab Centre for the Studies of Arid Zones and Dry Lands (ACSAD)
- Mr. Hammou Laamrani, Adaptation to Climate Change in the Water Sector in the MENA Region Advisor (GIZ)

Tour de Table

- Overview on the UNDA project and the developed modules – *Mr. Tarek Sadek, ESCWA*
- A Brief Overview of RICCAR and Climate and Hydrological Modelling Results – *Ms. Carol Chouchani Cherfane, Chief, WRS, SDPD, ESCWA*
- Objectives of the Workshop and Introduction of the Agenda, *Mr. Ihab Jnad, ACSAD.*

Discussion

10:00 – 11:00

Session 1: Framing the Challenges of the Agriculture Sector due to Climate

Change.

Mr. Omran Al Shihabi, Integrated Water Resources Management Expert, ACSAD

- Natural resources issues
- Socio-economic issues
- Administrative and legal issues
- Agro-sectoral issues (irrigated and rained agriculture, pasture management, livestock, etc.)

Discussion

11:00 – 11:30

Coffee break

11:30 – 13:00

Session 2: Impact and Vulnerability Assessment of Climate Change on Agricultural Sector based on RICCAR Outputs

Mr. Ihab Jnad, ACSAD

- Climate modelling outputs.
- Hydrological modelling output
- Impact of climate change on agricultural sector
- RICCAR indicators and outputs used for adaptation in the agriculture sector

Discussion

13:00 – 14:30

Lunch Break

14:30 – 15:30

Session 3: Adaptation to Climate Change in the Agriculture Sector (I)

Mr. Omran Al Shihabi, ACSAD and Mr. Dieter Prinz, Consultant, GIZ

- Linkage between adaptation to climate change and IWRM Tools
- Applications of integrated management tools in agriculture sector

Discussion

15:30 - 16:00

Coffee Break

16:00 – 17:00

Session 4: Case Studies and Success Stories from the Arab Countries

Moderator: ACSAD

Discussion

17:00

End of day 1

Day 2: Tuesday, 16 February 2016

- 9:00 – 10:30 **Session 5: Adaptation to Climate Change in the Agriculture Sector (II)**
Mr. Omran Al Shihabi, ACSAD
- Use of new technologies in agriculture
 - The potential of remote sensing in climate change adaptation
 - Modelling water use development and development of Decision Support Systems (DSS)
- Discussion
- 10:30 – 11:00 Coffee Break
- 11:00 – 12:00 **Session 6: Adaptation to Climate Change in the Agriculture Sector (III)**
Mr. Omar Jouzdan, Director of the Department of Land and Water Uses, ACSAD
- Adaptation to available and limited water resources
- Discussion
- 12:00 – 13:00 **Session 7: Case Studies and Success Stories from the Arab Countries**
Moderator: ACSAD
- 13:00 – 14:30 Lunch Break
- 14:30 – 15:30 **Session 8: Adaptation to Climate Change in the Agriculture Sector (IV)**
Mr. Ihab Jnad, ACSAD, Mr. Dieter Prinz, GIZ
- Water storage and water quality
 - Rainfall water harvesting
- Discussion
- 15:30 - 16:00 Coffee Break
- 16:00 – 17:00 **Session 9: Adaptation to Climate Change in the Agriculture Sector (V)**
Mr. Hussain Almahassneh, Head of Conservation Agriculture Program, ACSAD
- Rainfed agriculture
- Discussion
- 17:00 End of day 2

Day 3: Wednesday, 17 February 2016

9:00 – 10:00	Session 10: Adaptation to Climate Change in the Agriculture Sector (VI) <i>Mr. Omar Jouzdan, ACSAD</i> <ul style="list-style-type: none">• Irrigated agriculture Discussion
10:00 – 11:00	Session 11: Adaptation to Climate Change in the Agriculture Sector (VII) <i>Mr. Hussain Almahassneh, ACSAD</i> <ul style="list-style-type: none">• Forestry• Agro-forestry Discussion
11:00 – 11:30	Coffee Break
11:30 – 13:00	Session 12: Case Studies and Success Stories from the Arab Countries <i>Moderator: ACSAD</i>
13:00 – 14:30	Lunch Break
14:30 – 15:30	Session 13: Adaptation to Climate Change in the Agriculture Sector (VIII) <i>Mr. Abdul Mounem Alyasin, Animal Health Expert, ACSAD and Mr. Hussain Almahassneh, ACSAD</i> <ul style="list-style-type: none">• Livestock management• Pasture management• Fisheries and aquaculture Discussion
15:30-16:00	Coffee Break
16:00-16:45	Session 14: Areas for actions and suggestions for follow up at the regional and national levels <i>Mr. Ihab Jnad, ACSAD</i>
16:45-17:00	Closing of meeting by ACSAD, GIZ and ESCWA
17:00	End of Meeting
