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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 Economic Development Sector Using Integrated Water Resources Management (IWRM) Tools
Amman, 25-27 May 2016

AGENDA

Wednesday, 25 May 2016

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|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8:45 – 9:00 | <p>Registration
<i>Please bring your passport, visa stamp and airline ticket stub with you to the meeting.</i></p> |
| 9:00 – 10:00 | <p>Opening and Introduction
Moderator: <i>Mr. Tarek Sadek, First Economic Affairs Officer, Water Resources Section, Sustainable Development Policies Division, United Nations Economic and Social Commission for Western Asia (ESCWA)</i></p> <ul style="list-style-type: none"> • Ms. Roula Majdalani, Director, Sustainable Development Policies Division, ESCWA <p>Tour de Table</p> <ul style="list-style-type: none"> • Overview on the UNDA Project and the Training Modules – <i>Mr. Tarek Sadek, ESCWA</i> • Objectives of the Workshop and Review of the Agenda – <i>Mr. George Nasr, ESCWA Consultant</i> <p>Discussion</p> |
| 10:00 – 11:00 | <p>Session 1: Using RICCAR Outputs to inform Climate Change Adaptation related to Economic Development in the Arab Region
Moderator: <i>Mr. Tarek Sadek, ESCWA</i></p> <ul style="list-style-type: none"> • Overview of the Regional Initiative for the Assessment of the Impact of Climate Change on Water Resources and Socio-Economic Vulnerability in the Arab Region (RICCAR) and the Integrated Assessment Methodology – <i>Ms. Carol Chouchani Cherfane, Chief, Water Resources Section, Sustainable Development Policies Division, ESCWA</i> • Assessing the Impact of Climate Change on Economic Development Sector in the Arab Region - <i>Mr. George Nasr, ESCWA Consultant</i> <p>Discussion</p> |
| 11:00 – 11:30 | <p>Coffee break</p> |

- 11:30 – 12:15 **Session 2: Development and Resource Management**
Moderator: *Mr. Tarek Sadek, ESCWA*
Presenter: *Mr. George Nasr, ESCWA Consultant*
- Multi-sectoral Development
 - Resources and Economic Development in the Arab Region
 - Water Sector Development and the Arab context of Water and Energy
 - Integrated Water Resources Management
- Discussion
- 12:15 – 13:00 **Session 3: Integrated Economic Assessments of Climate Change**
Moderator: *Ms. Carol Chouchani Cherfane, ESCWA*
- Approaches to Forecast Macro-economic Impacts of Climate Change – *Mr. Florent Baarsch, Economist, Climate Analytics gGmbH, Berlin, Germany*
 - Integrated Economic Assessment Tools - *Mr. George Nasr, ESCWA Consultant*
 - Socio-Economic Pathways - *Mr. George Nasr, ESCWA Consultant*
- Discussion
- 13:00 – 14:00 Lunch Break
- 14:00 – 15:15 **Session 4: Economic impact of Climate Change on the Arab Region**
Moderator: *Mr. George Nasr, ESCWA Consultant*
- Climate-related Disaster Loss Databases in Selected Arab Countries and Associated Economic Costs. *Ms. Luna Abu-Swaireh, Acting Head, Regional Office for Arab States, United Nations Office for Disaster Risk Reduction (UNISDR) and Mr. Tarek Sadek, ESCWA*
 - Economic Impacts of Climate Change on the Trade Sector in the Arab Region and a Case Study of Egypt - *Mr. Mohamed Osama, Director, Trade and Environmental Department, Ministry of Trade and Industry, Egypt.*
 - Economic Costs of Climate Change in Lebanon - *Ms. Lea Kai Aboujaoude, Climate Change Project Coordinator, Ministry of Environment, Lebanon*
- Discussion
- 15:15 – 15:45 Coffee Break
- 15:45 – 17:00 **Session 5: Vulnerability Outlook of the Arab Region**
Moderator: *Mr. Tarek Sadek, ESCWA*
- Vulnerability to Climate Change in the Arab Region and Impact Chains - *Ms. Carol Chouchani Cherfane, ESCWA*
 - Exercise on Developing Impact Chains for Vulnerability Assessment
- 17:00 End of Day 1

9:00 – 10:00

Session 6: Financing Climate Change Projects in the Arab Region

Moderator: *Mr. George Nasr, ESCWA Consultant*

- Mapping of Nationally Determined Contributions (NDC's) for the Arab Countries: Key Issues and Financial Needs - *Mr. Tarek Sadek, ESCWA*
- Gender Mainstreaming and Gender-based Budgeting of IWRM in the Context of Climate Change - *Ms. Chifa Tekaya, International Expert, Paris, France*
- Climate Financing in light of the Outcomes of Addis Ababa International Conference on Financing for Development – *Ms. Souraya Zein, Associate Economic Affairs Officer, Water Resources Section, ESCWA*

Discussion

10:00 – 10:45

Session 7: Financing Climate Change Projects in the Arab Region (continued)

Moderator: *Mr. Tarek Sadek, ESCWA*

- Overview of the Green Climate Fund (GCF) and Financing Opportunities for Climate Change Adaptation and Mitigation Projects and Programmes - *Mr. Demetrio Innocenti, Monitoring and Evaluation Specialist, GCF, Songdo, South Korea*

Discussion

10:45 – 11:15

Coffee Break

11:15 – 12:15

Session 8: Climate Change Adaptation in the Economic Development Sector

Moderator: *Mr. George Nasr, ESCWA Consultant*

- From Economic and Social Risks Assessment to Disaster Risk Management (DRM) and Adaptation Gaps and Priorities Analysis - *Mr. Florent Baarsch, Economist, Climate Analytics gGmbH, Berlin, Germany*
- Introduction and Overview on Climate Change Adaptation in the Economic Development Sector and Mapping of existing Funds - *Mr. George Nasr, ESCWA Consultant*

Discussion

12:15 – 13:15

Session 9: Climate Proofing Methodology

Moderator: *Mr. Batir Wardem, National Advisor for Jordan, GIZ*

- Overview and Introduction
- Methodology
- Tools and Incentives

Discussion

13:15 – 14:15

Lunch Break

- 14:15 – 15:15 **Session 10: Adaptation Plans: Best Practices**
Moderator: *Mr. George Nasr, ESCWA Consultant*
- Overview and Exercise
- 15:15 – 15:45 Coffee Break
- 15:45 – 17:00 **Session 11: Adaptation Plans: Governance**
Moderator: *Mr. George Nasr, ESCWA Consultant*
- Overview and Exercise
- 17:00 End of Day 2

Friday, 27 May 2016

- 9:00 – 11:00 **Session 12: Presentation of Case Studies**
Moderator: *Mr. Tarek Sadek, ESCWA*
- Environment Rehabilitation and Water Management System in Hanifa Valley – *Mr. Abdullah Al Marwani, Assistant Deputy, Economic Affairs, Ministry of Economy and Planning, Kingdom of Saudi Arabia*
 - Application of IWRM Tools in Lebanon within the Context of Climate Change – *Ms. Mona Fakih, Director of Water Department, Ministry of Energy and Water, Lebanon*
 - The effects of Climate Change on Hydro-Electric Power in Iraq – *Mr. Sameer Saadoon Algburi, Professor of Computer Engineering, Ministry of Higher Education, Al-Kitab University College, Erbil, Iraq.*
 - Disaster Risk Reduction in Yemen – *Mr. Mohamed AL-Shaibani, Project Hydro-geologist and Advisor, National Water Resources Authority (NWRA), Ministry of Water and Environment, Sana'a, Yemen*
 - *Case studies presented by Other Country Representatives*
- Discussion
- 11:00-11:30 Coffee Break
- 11:30 – 12:15 **Session 13: Implementation Matrix of Adaptation Measures and Selection Criteria**
Moderator: *Mr. George Nasr, ESCWA Consultant*
- Overview and Exercise
- 12:15 – 14:00 Lunch and Prayer Break
- 14:00 – 15:00 **Session 14: Adaptation Risk Management**
Moderator: *Mr. George Nasr, ESCWA Consultant*
- Overview and Exercise
- 15:00 – 16:00 **Session 15: : Selecting Tools for National and Local Applications**
Moderators: *Mr. Tarek Sadek, ESCWA and Mr. George Nasr, ESCWA Consultant*

- General Discussion
- Conclusions and Follow-up Actions

16:00-16:15 Closing Session

- ESCWA Closing Statement

16:15 End of Workshop
