

4th BEIRUT WATER WEEK
Technological Tools and Financing Mechanisms for IWRM:
Complementing Hydro-diplomacy
&
Climate Change Adaptation Efforts

20-22 February, 2013
Notre Dame University-Louaize

TENTATIVE AGENDA

DAY 1 : Wednesday, 20 February 2013

Venue: Bou Khater Auditorium

09:00 – 09:30

Registration,

09:30 – 10:35

Opening Session

Welcome Statements

- Mr. Souheil Matar, Vice President, Cultural Affairs and Public Relations, NDU(5min).
- Dr. Fadi Comair, Honorary President of Mediterranean Network of Basins Organization(MENBO) (5min).
- Mr. Jean-Francois Donzier, Permanent Technical Secretary International of Network of Basin Organisation (INBO)(5min).
- Mr. Jean Antoine FABY, Directeur de la Chaire Eau pour Tous, AgroParisTech-ENGREF(5min).
- Mr. Hachmi Kennou, Executive Director, Mediterranean Water Institute (5min).
- Ms. Roula Majdalani, Director of Sustainable Development and Productivity Division ,Economic and Social Commission for Western Asia, ESCWA)(5min)
- Ms. Chahra Ksia, president of the Center for Arab water Security(5min).
- Mr. Walter Mazzitti, Steering Committee President, Euro-Mediterranean Information System on know-how in the Water sector (EMWIS)(5min).
- H.E Ali Moumen, Représentant de la FAO au Liban (5min).
- Guests of Honor: Mr. Bassam Jaber (Former General of Director of Exploitation, Ministry of Energy and Water), Prof. Moussa Nehme (Research Professor at the Faculty of Agriculture and Food Sciences, American University of Beirut.) (10min).
- Rev Father Walid Moussa, President of Notre Dame University(5min).
- H.E. Mr. Gebran Bassil, Lebanese Minister of Energy and Water (to be confirmed)(5min).
- 4th Beirut Water Week Award: Prof. Moussa Nehme (Water Education Award), Mr. Bassam Jaber (Water Management Award).

10:35 – 11:00

Coffee Break (Open Coffee Break will be offered during sessions)

DAY 1 : Wednesday, 20 February 2013

Theme 1: Technological Tools in Water Planning and Management
Venue: Bou Khater Auditorium

11:00 – 13:45 Session I : Decision Support Systems (DSS), Innovative Models and Tools for Sustainable Management of National Water Resources

Chairperson: Mr. Hachmi Kennou, Executive Director of Mediterranean Water Institute(IME)

- MYWAS (Multi-Year Water Allocation System) and the value of water: Optimizing Models for Sustainable Management, Infrastructure Planning, and Conflict Resolution (45min).
(Prof. Franck Fisher, Massachusetts Institute of Technology)
- Integrated Information and Communication Tools and Technologies for Managing Natural Resources: the case of WEAP for the Al Assi river basin (10min) .
(Dr. Andrea Porro PhD, Research fellow, ICT Project, University of Milan)
- Promoting IWRM planning in Lebanon through the GWP-Med /MED EUWI support (10min)
(Ms. Barbara Tomassini, Programme Officer, GWP-Med)
- Role of Ministry of Energy and Water in National IWRM Planning (10min).
(Eng. Mona Fakih, Director of Water, Ministry of Energy and Water)
- A Decision Support System for River Basin Management: Insights on the MED EUWI service contract activities in Lebanon (10min).
(Eng. Abbas Fayad, Water Resources Expert, MED EUWI Service Contract)
- Impact of Climate Change on the Water Resources in mountain region by a modeling approach . (10min)
(Dr. Catherine Freyssinet, Responsable de l'équipe eau & territoires de la Branche ressources en eau & Modélisation de Artelia, Eau & Environnement)
- Ground-Water Assessment and Database Project in Lebanon (10min) .
(Mr. Ziad Khayat, Project Manager of UNDP Groundwater Project)

13:45 – 14:00 Discussion

14:00 – 15:30 Lunch Break

Continued Theme 1: Technological Tools in Water Planning and Management
Venue: Bou Khater Auditorium

15:30 – 16:40

Chairperson: Mr. Jean-Francois Donzier, Permanent Technical Secretary International, Network of Basin Organisation (INBO)

- Role of UfM in promoting Regional Water Projects in the Mediterranean **(20min)** .
(Dr. Rafiq Hussein, Deputy Secretary General for the Secretariat of the Union for the Mediterranean).
- Creating shared national water data management systems towards a Mediterranean water knowledge hub **(10min)**.
(Mr. Walter Mazzitti, Steering Committee President, Euro-Mediterranean Information System on know-how in the Water sector, EMWIS).
- STRATEAU, une réponse à la demande d'une décision pour la GIRE **(10min)**.
(Ms. Jeanette Pretot, Présidente de l'ambassade de l'Eau)
- Delineation of the groundwater catchment for Jeita spring using tracer tests **(10min)**.
(Dr. Armin Margane, BGR).
- Use of stable isotope analyses as a support for the delineation of groundwater catchments (Jeita groundwater catchment) . **(10min)**
(Dr. Paul Königer, BGR).
- Water balance for the Jeita groundwater catchment using WEAP . **(10min)**
(Mr. Philip Schuler, BGR).

16:40 – 17:00 Discussion

17:00 End of Day 1

20:00 – 22:00 Gala Dinner

DAY 2 : Thursday, 21 February 2013

Venue: Bou Khater Auditorium

Theme 2: Water, Energy and Food, Challenges of the 21st Century

09:30 – 10:30

Chairperson: H.E Adel Cortas, Chairman of the Lebanese Association of the Water Friends

- Projects implemented by FAO in Lebanon **(10min)**.
(H.E Ali Moumen, représentant de la FAO au Liban)
- Schéma Directeur Hydro-Electrique au Liban: Projet FASEP **(15min)**.
(Mr. Jerome JOST, Directeur de Projet au sein de la Branche Energie, Barrages et Ouvrages Hydrauliques de Artelia Eau & Environnement)
- La Gouvernance de l'Eau, l'Energie, l'Alimentation : Nouveaux Défis pour la Méditerranée . **(10min)**
(Mr. Hachmi Kennou, Executive Director of Mediterranean Water Institute),
- l'Eau, l'Energie, l'Alimentation : Une Ethique du Futur . **(10min)**
(Mr. Herve Laine, Ingénieur général des Ponts et Chaussée)
- Enhancing Regional Cooperation for Policy-Making on the Water-Energy Nexus . **(15min)**
(Ms. Roula Majdalani, Director of Sustainable Development and Productivity Division ,Economic and Social Commission for Western Asia, ESCWA)
(Mr. Ali Karnib, or Mr. Sung Eun Kim)

10:30 – 11:00

Coffee Break (Open Coffee Break will be offered during sessions)

Continued DAY 2: Thursday, 21 February 2013, Venue: Bou Khater Auditorium

**Theme 3: Climate Change Adaptation: New Water Mass, Water Transfer,
Control and Risk Management**

11:00 – 12:30

Chairperson: Mr. Herve Laine, Ingénieur Général des Ponts et Chaussée,

- Adapter la Gestion de l'Eau au changement climatique pour préserver l'avenir(10min).

(Mr. Jean-Francois Donzier, Permanent Technical Secretary International of Network of Basin Organisation, INBO)

- Impact du Changement Climatique sur l'utilisation des masses d'eau au Liban(10min).

(Prof. Wajdi Najem, Vice-President of Saint Joseph University ,USJ)

- Sécurisation des Infrastructures Hydrauliques (Expérience de l'Office National du Litani) (10min).

(Prof. Selim Catafago, Président du Conseil d'Administration de l' Office National du Litani)

- RICCAR: A Regional Initiative for Informing Science-Based Climate Change Adaptation in the Arab Region. (10min) .

(Ms. Carol Chouchani Cherfane, Chief, Water Resources Section Sustainable Development and Productivity Division, ESCWA)

- Adaptation of the Water Sector to Climate Change(10min)

(Prof. Nadim Faraj, Director of the Climate Change and Environment Program at the Issam Fares Institute, American University of Beirut)

- Analyse des Risques des Barrages (10min).

(Mr Daniel Van-Wickeren, Spécialiste en Génie Civil Hydraulique - de Bureau Veritas- France)

- Water Control and Management Study for Jordan and Future Options(10min) .

(Dr. Adnan Al-Salihi, Vice President, Hydrological Analysis & Hydraulic Structures Division (HAHS)

(Dr. Sawsan Himmo, Vice President, Water & Environment Division, Consolidated Consultants Engineering & Environment)

- Captage de l'Eau Douce en Mer :un nouvel espoir pour la Méditerranée (10min).

(Mr. Nicolas REMY-HURST Beterson Water International)

- Grey-water reuse as a means to generate irrigation water at household level . (10min)

(Mr. Boghos Ghougassian, Environmental Engineer, President of Lebanese Appropriate Technology Association, LATA)

Continued DAY 2: Thursday, 21 February 2013, Venue: Bou Khater Auditorium

12:30 – 13:20 Discussion

13:20 – 15:00 Lunch break

Theme 4: Hydro-diplomacy, Transboundary Basin and Aquifer Management

15:00 – 17:15

Chairperson: H.E Shaddad Attili, Minister of Water, Palestinian Water Authority

- Political Process for Consolidating equitable sharing and reasonable use of International Water Courses . (15min)
(Mr. Walter Mazzitti, President of Euro-Mediterranean Information System on know-how in the Water sector ,EMWIS)
- Transboundary River Basin Management: Handbook II on Transboundary Basin Management initiated by INBO-GWP and World Pact for Better Basin Management (15min).
(Jean- Francois Donzier, Permanent Technical Secretary International of Network of Basins Organisation , INBO)
- Enhancing knowledge Transfer on Transboundary Water Management: Findings of the Rome Roundtable (15min).
(Ms. Anthi Brouma, Senior Programme Officer, GWP-Med)
- Water Cooperation Challenges in the Arab Region (15min).
(Ms. Chahra ksia, President of the Center for Arab water Security)
- Assessing Transboundary Water Resources in the Middle East: Inventory of Shared Water Resources in Western Asia- ESCWA-BGR Cooperation (15min) .
(Dr. Yusuf Al-Mooji and Ms. Joelle Comair, ESCWA-BGR Cooperation Water Resources Management)
- Management of Shared Groundwater in the Arabian Peninsula (15min).
(Prof. Mohamad Abdul Razzak, AFFILIATED Professor Colorado State University, Fort Collins. Colorado, USA)
- Hydro-diplomacy of Transboundary River Basin Management in Lebanon: An Overview of Orontes (ICT Project), Nahr-Elkebir, Jordan River (15min).
(Dr. Fadi Georges Comair, Honorary President of Mediterranean Network of Basins Organization)

17:15 – 17:30 Discussion

17:30 End of Day 2

20:00 : Dinner

DAY 3 Friday, 22 February 2013

Venue: Bou Khater Auditorium

Theme 5: Financing Water infrastructures: Role of the private Public Partnership

09:30 – 10:10 Chairperson: Ms. Chahra Ksia, President of the Center for Arab water Security

- L'AFD, Un acteur de développement des projets Hydrauliques au Liban (10min).
(Mr. Denis Cassat, Directeur de l'Agence française de développement au Liban)
- "Le PPP est-il une sortie de crise?" (10min).
(Mr. Samir Nasr, Consultant ECE)
- Overcoming Governance Challenges to the mobilisation of financing for the Mediterranean water sector . (10min)
(Ms. Anthi Brouma, Senior Programme Officer, GWP-Med)
- Water Financing activities within the Sustainable Water Integrated Management-Support Mechanism (SWIM-SM) framework (10min).
(Mr. Charbel Rizk, Key Environment Expert, SWIM-SM)

10:10 – 10:30 Discussion

10:30 – 11:00 Coffee Break (Open Coffee Break will be offered during sessions)

Continued DAY 3 Friday, 22 February 2013, Venue: Bou Khater Auditorium

**Theme 6: Role of NGO's and Universities in improving Water Management
Awareness and Education**

11:00 – 12:30

Chairperson: Mr. Walter Mazzitti, President of Euro-Mediterranean Information System on know-how in the Water sector, EMWIS

- Implementation of Water Users Association in Lebanon (15min).
(H.E Adel Cortas, Chairman of the Lebanese Association of the Water Friends)
- Géopolitique de l' exploitation de l'eau sur la rive sud" (15min).
(Ms. Ijab Khoury, Présidente-fondatrice du CAMED, Le cercle amical pour la Méditerranée)
- River Basin Management on the Litani River (15min)
(Eric Viala, Project Manager, Litani River Basin Management Support Project (LRBMS), USAID)
- Role of NGOs in improving water management and awareness on water resources protection(15min) .
(Mr. Leon Chammah - Operations Director, World Vision)
(Mr. George Abirizk - Economic Development Specialist, World Vision)
- Blue Gold of Lebanon (10min)
(Mr. Fahd Saccal, President of Civic Influence Hub ,CIH),
- KIM-UNU, “Knowledge Integration and Management – United Nations University developed Plate Form(10min)
(Dr. Walid Saleh, Head, Head of MENA Regional Programme, United Nations UniversityInstitute for Water, Environment, & Heath (UNU-INWEH)
- Educational Challenges in Water and Sustainable Development (10min)
(Dr. Jaques Harb, Associate Professor,Department of Civil and Environmental Engineering, Notre Dame University)

12:30 – 13:00

Discussion



Continued DAY 3 Friday, 22 February 2013, *Venue: Bou Khater Auditorium*

13:00 – 13:30

Closure and Recommendations:

Closing Speech: Honor Guest, H.E Sénateur Jacques Oudin, H.E Shaddad Attili, Minister of Water, Palestinian Water Authority

4th Beirut Water Week Declaration: F.Comair(MENBO),W. Mazzitti (EMWIS), H. Kennou (IME), H. Laine (L'Académie de l'Éthique), C. ksia (COFWS, Arab League).

13:30

Lunch

End of Day 3