



## PROGRAM SCHEDULE

### DAY ONE - TUESDAY, SEPTEMBER 28, 2010

#### 9:00-10:00 WELCOME AND INTRODUCTIONS

*Ghassan Ejeh*, Senior Vice President, BESIX Group - Belgium  
Chairperson of the Damascus Conference and Director and Past President of International Desalination Association (IDA)

*Dr. Fouad Abousamra*, Deputy Chairperson of The Network of Syrian Scientists, Technologists and Innovators Abroad (NOSSTIA) and UNEP MAP – Greece

*Imad Makhzoumi*, Chief Operating Officer, Future Pipe Industries Group – UAE  
President of International Desalination Association – Chairman of Levant Desalination Association

*Dr. Amr Armanazi*, General Director – Scientific Studies and Research Center  
Member of Supervisory Committee – Arab School for Science and Technology

*Dr. Osmane Aidi*, Chairman, Osmane Mounif Aidi Foundation for Culture, Communication and Development

**H. E. Mr. Muhammad Najj Otri, Prime Minister - Syrian Arab Republic**



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### KEYNOTE PRESENTATIONS

- 10:00-10:20 Singapore's Experience in Ensuring Water Sustainability**  
*Mr. Wah Yuen Long, Director, Public Utilities Board - Singapore*
- 10:20-10:40 The Current Statuses of the Waters Resources in Syria**  
*Dr. Rateb Sayegh and Dr. Bassam Zakar, The Ministry of Irrigation - Syria*
- 10:40-11:00 Overview on Palestinian Water Resources and Needs**  
*Mr. Rebhi Al Sheikh, Deputy Chairman, Palestinian Water Authority - Palestine*
- 11:20-11:40 Coffee Break**

### SESSION I: INTEGRATED WATER MANAGEMENT Chairperson- Imad Makhzoumi and Leon Awerbuch

- 11:40-12:00 Water, The Secret of Life**  
*Dr. Osmane Aidi, Chairman, Osmane Mounif Aidi Foundation for Culture, Communication and Development*
- 12:00-12:20 Management of Water Reuse Issues and Lessons Learned from the Mediterranean**  
*Dr. Fouad Abousamra, NOSSTIA Deputy Chairperson, NOSSTIA & UNEP MAP - Greece*
- 12:20-12:40 The Impact of the Climate Change on Water Resource Case Studies from Syria**  
*Dr. Mohammad Al-Sibai, The Ministry of Higher Education - Syria*
- 12:40-13:00 Sustainability of Water Resources Management in Gaza Strip**  
*Eng. Mohammed Ahmed, Managing Director, Palestinian Water Authority - Gaza*
- 13:20-13:40 Aquifer Storage and Recovery of Reclaimed Water: The Use of Underground Storage to Facilitate Water Conservation and Reuse**  
*Dr. Thomas Missimer, Water Resources Sector Leader, Schlumberger Water Services – USA Mr. Robert G. Maliva, Mr. Frank P. Winslow - USA*
- 13:40-14:00 Reuse of Treated Wastewater “Tunisian Experience and Prospects”**  
*Ms. Souad Dekhil, ANPE, Tunis - Tunisia*
- 14:00-15:00 Networking Lunch**

### SESSION II: ADVANCE WATER REUSE TECHNOLOGY AND SOLUTIONS Chairperson-Dr. Fouad Abousamra and Dr. Corrado Sommariva

- 15:00-15:20 The Master Plan of the Sewage Treatment in Rural Damascus**  
*H.E. Dr. Kamal Al Sheikha and Mr. Mahmoud Jaradat, The Ministry of Housing - Syria*
- 15:20-15:40 The Wastewater Reuse: The Experience of Veolia Water**  
*Dr. Abdelkader Gaid, Head, Veolia Water Technical Department, Veolia Environment - France*
- 15:40-16:00 ASR: A Viable Option**  
*Mr. Bassem Halabi, Group Business Development Director, Metito Overseas, Ltd. - UAE*



- 16:00-16:20**     **The Mechanism of Biofilm Formation on Reverse Osmosis (RO) Membranes in Water-Reuse**  
*Professor Dr. Harvey Winters, Professor, Fairleigh Dickinson University - USA*
- 16:20-16:40**     **Coffee Break**
- 16:40-17:00**     **Nanofiltration Membrane Fouling Upon Treatment of Industrial and Municipal Wastewaters**  
*Professor Dr. Gamal Khedr, Head, Water Technologies Centre - Saudi Arabia*
- 17:00-17:20**     **Proper Water Treatment Solutions Gives Concrete Results in Cement Industry**  
*Mr. Samir Fayyad, Vice President - Technical, AES Arabia - Saudi Arabia*
- 17:20-17:40**     **Water Treatment and Recycling of the Tanneries Using Olive Mill Waste**  
*Dr. Wareef Alyazji, The Ministry of Environment - Syria*
- 17:40-18:00**     **Effluent Organic Matter: Structural Characterization and Fouling Properties of Low Pressure Membrane**  
*Professor Jean-Phillippe Croue, Professor, KAUST - Saudi Arabia*



DAY TWO - WEDNESDAY, SEPTEMBER 29, 2010

**SESSION III: IMPORTANCE OF PUBLIC PRIVATE PARTNERSHIP**

**Chairperson- Fady Juez and Mohammad Al Fouzan/Ahmad Al Mudayhem**

- 9:00-9:30**      **Critical Challenges for Developers of PPP and IWPP Projects**  
*Dr. Nabil Nada, Desal Engineering Manager, ACWA Power International - Saudi Arabia*
- 9:30-10:00**    **The Challenge of Experience, Technology and Innovation to Success of PPP**  
*Mr. Hans Meulenbroek, General Manager, Metito-Berlinwasser, Ltd. - UAE*
- 10:00-10:30**   **An Overview of the Legal Framework for Foreign Investment in Syria**  
*Mr. Anas Ghazi, Attorney at Law, Chairman Meethak - Lawyers & Consultants - Syria*
- 10:30-11:00**    **Coffee Break**
- 11:00-11:30**    **Ajman, Trail Blazer for Private Sector Involvement in Water - Middle East**  
*Mr. Ghassan Ejeh, Senior Vice President, BESIX Group, Director of IDA- Belgium*
- 11:30-12:00**   **UNEP/MAP GEF Medpartnership: A New Partnership for the Mediterranean**  
*Dr. Fouad Abousamra, NOSSTIA Deputy Chairperson, NOSSTIA & UNEP MAP - Greece*

**12:00-13:30**    **Networking Lunch**

**SESSION IV: EXPERIENCE AND FUTURE OF DESALINATION TECHNOLOGY**

**Chairperson-Dr. Harvey Winters and Ghassan Ejeh**

- 13:30-13:50**    **Today's Desalination and Future Direction**  
*Dr. Corrado Sommariva, Managing Director, ILF Consulting Engineer, Director of IDA - UAE*
- 13:50-14:10**    **Global Water Shortages: Membrane Nanotechnology for Water Resources Development**  
*Professor Nidal Hilal, Director of Centre for Water Advanced Technologies and Environmental Research, Swansea University - United Kingdom*
- 14:10-14:30**    **Hybrid Desalination Systems: A Solution to Environmental Challenges**  
*Mr. Leon Awerbuch, President, Leading Edge Technologies, Ltd., Past President of IDA- USA*
- 14:30-14:50**    **Refurbishment Works of Desalination Plants**  
*Dr. Mohammad Al-Fouzan, President, ACWA Power Sasakura - Saudi Arabia*
- 14:50-15:10**   **Experience with GRP in Desalination Plants and Cooling Systems – Past Experience and Current Trends**  
*Mr. Saad Elkhadem, Managing Director, Future Pipe Industries - UAE*
- 15:10-15:30**    **Coffee Break**
- 15:30-16:50**    **PANEL AND ROUNDTABLE SUMMARY**  
**Moderator-Leon Awerbuch**  
*Dr. Fouad Abousamra, NOSSTIA & UNEP MAP - Greece*  
*H.E. Dr. Kamal Al Sheikha, Deputy Minister for Housing and Construction-Syria*  
*Mr. Ghassan Ejeh, BESIX Group - Belgium*  
*Mr. Fady Juez, Metito Overseas, Ltd. - UAE*  
*Dr. Rateb Sayegh, The Ministry of Irrigation, Syria*