



Sponsored officially by: OCP, ONEP, VEOLIA, UNESCO
Supported by several international organisms: EDS, MEDRC, CFM, IDA...

International Meeting on Water Management in the Arid Zones. Role of Unconventional Water Resources

Technical Sheet

- Conference Venue : Palais des Congrès, Laayoune.
- Period : **21-22 Mars 2008.**
- Participants: Academics and specialists in the field of desalination and water re-use from public and private Companies (Engineers, Frames...),
- Number of participants: approximately 100.
- Financing: Private and public sponsoring: **free participation.**

Scientific organisation and projected programme

Friday March 21

- **8 – 8h30** : Registration
- **8h30 – 9h30** : Opening session
- **9h30 – 9h50** : State of water resources in the region of Laayoune-Boujdour Sakia El Hamra and the needs of development
Rachid RHANDI Regional Manager, ABH Laayoune, Maroc
- **9h50 – 10h10** : The new technological orientations of the desalination
S.Delagarde, Veolea, France
- **10h10 - 10h30** : Membrane Technologies for lasting development. **L.Cot Responsable de la Chaire Unesco SIMEV. France**
- **10h30 – 11h** : **Coffee break**
- **11h – 11h20** : Energy recovery in desalination of seawater by reverse osmosis " comparative state of technology " **H.Lugan Consultant in water treatment. France**
- **11h20 – 11h40** : Desalination for potabilisation in Morocco : experiences and perspectives **K.Tahri ONEP-SMMD. Morocco**
- **11h40 – 12h** : Desalination for Industry : Experience of OCP (**Cherifien Office of Phosphate**). **Morocco**
- **12h - 12h30** : Discussion
- **12h30 – 14h30** : **Lunch.**
- **14h30 – 14h50** : Water desalination cost : Review and evaluation **N. Ghaffour. MEDRC (Middle East Desalination Research Centre). Oman**
- **14h50 – 15h10** : - Specific treatments for production of potable water in the south of Morocco : State of art. **M.Hafsi ONEP - SMMD. Morocco**
- **15h10 – 15h30** : The pretreatment in reverse osmosis. **U. Annunziata (Genysis, Royaumes Unis).**
- **15h30 – 15h50** : technical and economical comparison of distillation and reverse osmosis. **A.Maurel. International specialist in desalination. Ex Cadarach (CEA). France**
- **15h50 – 16h20** : **Coffee break**
- **16h20 – 16h40** : Wastewater Treatment by **BRM. Suez, France**

- **16h40 – 17h** : Wastewater treatment and reuse in Morocco. **M.Mahi ONEP Morocco**
- **17h – 17h20** : Water treatment and reuse: State of art of the research-development in Morocco. **MMDS. Morocco**
- **17h20 – 17h50** : Discussion
- **10h50-11h50** : **Rond table and recommandations.** **EDS, MEDRC, UNESCO, MMDS, ONEP, OCP...**
- **12h30-14h30** : **Lunch.**
- **15h-18h** : **Visit of desalination plants :** **ONEP + OCP.**

Saturday March 22

- **9h – 9h20** : Wastewater reuse : Which solutions for which technologies. **K. GAID, Veolia, France**
- **9h20 - 9h40** : New technology of wastewater treatment and reuse. **Andreas Rüdiger, AQAUBIOdom, Allemagne.**
- **9h40 – 10h** : Wastewater reuse by membrane technologies. **A.Balaire. Pall Corporation, USA**
- **10h – 10h20** : Treatment of industrial effluents by membrane processes: perspectives of reuse. **T.Legube, STI France.**
- **10h20-10h50** : **Coffee break**

Contact : Pr . Azzeddine ELMIDAOU

Université Ibn Tofail

Tel/Fax : 212 (0)37 37 30 33/037 36 16 17, GSM : 212 (0)64 49 32 20

E-mail : elmidaouiazzeddine@hotmail.com

elmidaouiazzeddine@yahoo.fr

