



INNOVA-MED



6 to 7. May, 2010, Marrakech, Morocco

Objectives

The shortage of fresh water supplies constitutes a severe problem in several regions surrounding the Mediterranean Basin and particularly in the South Mediterranean and Middle East Regions. Reclaiming and recycling water is becoming an important component of the national resources policy since it is designed to encourage integrated and efficient management and use of water resources. The partial or complete closure of water cycle is an essential part of sustainable water-resource management and wastewater treatment and re-use should be considered within the wider context of sustainable development.

Main topics

- Wastewater management and water resources management
- Innovative water treatment technologies; development and application.
- Re-use of treated effluents for irrigation practices, and sludge use in agriculture
- Socio-economic, legal/regulatory, technical, and environmental barriers of the re-use of reclaimed water and sludge
- Fate and analysis of micro- contaminants in wastewater treatment processes.



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PRELIMINARY PROGRAMME OF THE WORKSHOP
Hotel Ryad Mogador Menara Marrakech

Thursday, 6th May 2010

09 - 10 AM	Registration
10 - 11 AM	Official opening
11:00 AM	Coffee Break
	Session 1: Wastewater Management Chairman: Mohamed belkhiri ABH Tensift Morocco Co-chairman: Maria Fürhacker, BOKU, Vienna, Austria
11:30 AM	Wastewater Issues in the Mediterranean Basin <i>Atef Hamdy CIHEAM Bari, Italy</i>
11: 50 PM	Moroccan Sanitation National Plan <i>Mohamed Rifki DGCL Morocco</i>
12:10 PM	Discussions
13:00 PM	Lunch
	Session 2: Wastewater Reuse Chairman : Damia Barcelo, IDAEA-CSIC, Barcelona, Spain Co-chairman : Choukr-Allah IAV Agadir Morocco
14:30 PM	INNOVA-MED EU project: Achievements and conclusions <i>Mira Petrovic, IDAEA-CSIC, Barcelona, Spain</i>
14:50 PM	Treated wastewater reuse for sustainable water resources management in Mediterranean countries <i>Faycel Chenini, INGREF, Tunisia</i>
15:10 PM	Actions towards sustainable and safely use of treated wastewater in agriculture: Morocco experiences <i>Abdessadek Nghira ABH Souus-Massa Daraa Morocco</i>
15:30 PM	Overview of wastewater management practices in Mediterranean countries <i>Omar Zimmo, Birzeit University, Palestine.</i>
15:50 PM	Overview of wastewater management practices in Mediterranean countries <i>Mohamed Tawfik, Suez Canal University, Egypt</i>
16:10 PM	Ecological sanitation and waste water reuse in the Moroccan-German IWRM Program AGIRE <i>Christine WERNER et Nour el houda EL HAMOUMI , GTZ</i>
16:30 PM	Constraints to wastewater treatment and reuse of wastewater and sludge in Mediterranean Partner Countries <i>Redouane Choukrallah, IAV CHA, Agadir, Morocco</i>
16 50 PM	Coffee break
17:15 PM	Workshop discussion on the reuse of treated wastewater policies and implementation in the Mediterranean Region



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Friday 7th May 2010

	Session 3: Wastewater Treatment Chairman : <i>Mira Petrovic, IDAEA-CSIC, Barcelona , Spain</i> Co-chairman : <i>Mohamed Tawfik Suez Canal University– Egypt</i>
8:30 AM	Advanced and advanced technologies for wastewater treatment <i>Sixto Malato Rodríguez, CIEMAT – Plataforma Solar de Almería, Spain</i>
8:50 AM	Occurrence and fate of contaminants in the aquatic environment <i>Marinella Farré and Sandra Perez, IDAEA-CSIC, Barcelona, Spain</i>
9:10 AM	Risk management: Source control and emission reduction <i>Maria Fürhacker, BOKU, Vienna, Austria</i>
9:30 AM	Wastewater technologies adapted to small and medium communities <i>Isabel Martín, Seville, Spain</i>
09:50 AM	Moroccan Experience in wastewater treatments technologies <i>Driss Bahij ONEP, Morocco</i>
10: 10 AM	Disinfection of water and recycled water by solar energy for drinking and irrigation applications <i>Pilar Fernández, Plataforma Solar de Almería, Spain</i>
10:30 AM	Fate and occurrence of the anthropogenic pollutant due to wastewater at sediments: Case Study" Al-Qilt, West Bank, Palestine <i>Subhi Samhan Palestinian Water Authority</i>
10:50 AM	Coffee break
11:15 AM	Potential reuses of sludge <i>Brahim Soudi - IAV Hassan II Rabat Morocco</i>
11:35 AM	Legal issues pertaining waste water treatment and reuse - WFD perspective <i>Damià Barceló, CSIC, Barcelona, Spain</i>
11:55 AM	Discussions
12: 30 AM	Closing session
01:30 PM	Lunch
15: 00 PM	VISIT TO THE WASTEWATER TREATMENT PLANT OF MARAKECH
17: 30 to 19:00 pm	INNOVAMED BOARD MEETING
20:30 pm	Dinner Gala

Saturday 8th May 2010

EXCURSION VISIT OF Marrakech city and the Atlas Mountains



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Scientific committee

Damia Barcelo, CSIC, Barcelona and ICRA, Girona, Spain (chair)

Mira Petrovic, CSIC, Barcelona, Spain (scientific secretary)

Çetin Koçak, Ankara University, Turkey

Embarek Boujjajat, Ramsa, Agadir, Morocco

Faycel Chenini, INGREF, Tunisia

Redouane Choukr-Allah, Iavcha, Agadir, Morocco

Maria Fürhacker, BOKU, Viena, Austria

Eleftheria Kampa, Ecologic, Berlin, Germany

Thomas Knepper, EFF, Idstein, Germany

Sixto Malato, Plataforma Solar de Almeria, Spain

Manel Poch, ICRA and University of Girona, Girona, Spain

Sergi Sabater, ICRA and University of Girona, Girona, Spain

Subhi Samhan, Palestinian Water Authority, Palestine

Mohamed Tawfic, Suez Canal University, Egypt

Omar Zimmo, Birzeit University, Palestina

Organization committee

[FP6 EU project INNOVA-MED](#)

RSMD - Region Souss-Massa Daraa Morocco

RTH - Region de Tensift Haouz Morocco

[CSIC](#) - Consejo Superior de Investigaciones Científicas, Barcelona, Spain

[IAV Hassan II](#) - Institut Agronomique et Vétérinaire Hassan II Agadir, Morocco

[ABH Tensift](#) - Basin Water Agency, Tensift, Morocco

[ABH Souss-Massa Daraa](#)- Basin Water Agency Souss-Massa Daraa, Morocco

[RAMSA](#) – Régie Autonome multiservice, Morocco

[RADEMA](#) - Régie Autonome de Marrakech, Morocco

[AGROTECH](#) Association de transfert de technologies

Accommodation

The Workshop will take place in Ryad Mogador Menara Hotel in the center of the city of Marrakech; it is a **five stars Hotel**.

Bookings should be made directly to the Agency responsible for the booking of the special rate of the hotel. Workshop's organizing committee will not arrange the accommodation for the participants.



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Special rates have been arranged the agency Happy travel with this hotel as shown below:

Single room with BB : 80 Euros per day and per person

Double room with BB: 65 Euros per day and per person

Refer to INNOVA-MED Conference at reservation and pay directly to the following Agency:
Happy Travel AGENCY

Address: 6, Angle Rue Kadi Ayad & Mauritania Guelize, Marrakech Morocco

Contact Person : Mme Nadia

Tel 00 212 524 44 88 71

Fax 00 212 524 43 97 55

Email: nadia@happytravel-maroc.com

Registration fee

Participants – **1500 Dirham** or **150 Euros**

Ph.D. student (a letter from the supervisor is required) – **600 Dirham** or **60 Euros**

Fee will cover attendance to the Conference, the abstracts, 3 coffee breaks, two lunches and the Conference dinner.

Payment will be made to the workshop and the check should be labeled on the name of:

“Atelier de recyclage de l’eau”

CONTACT

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