

SEMIDE

<http://www.semide.net>

Systeme Euro-
Méditerranéen d'information
sur les savoir-faire dans le
domaine de l'Eau



النظام المعلوماتي
الأورو متوسطي للمعرفة
في مجال المياه

EMWIS

<http://www.emwis.net>

Euro-Mediterranean
Information System on
know how in the water
sector

**Reminder on the Med Joint Process working groups on
drought and water monitoring**

MEDA Water



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EMWIS Technical Unit





Action Plan 2009-2012



Public Regional and National water information services

Regional and National water observation mechanism

Euro-Med Water Directors forum



EMWIS Development of topical activities

- **4 studies carried out (2004-2006)**
 - **EU Water Framework Directive**
 - **Use of non-conventional water resources**
 - **Irrigation water management**
 - **Integrated water management at local level**

- **Some working groups activities initiated with the Med Joint Process Water Framework Directive and EUWI:**
 - **Drought and water scarcity**
 - **Waste water Reuse**
 - **Water Monitoring**

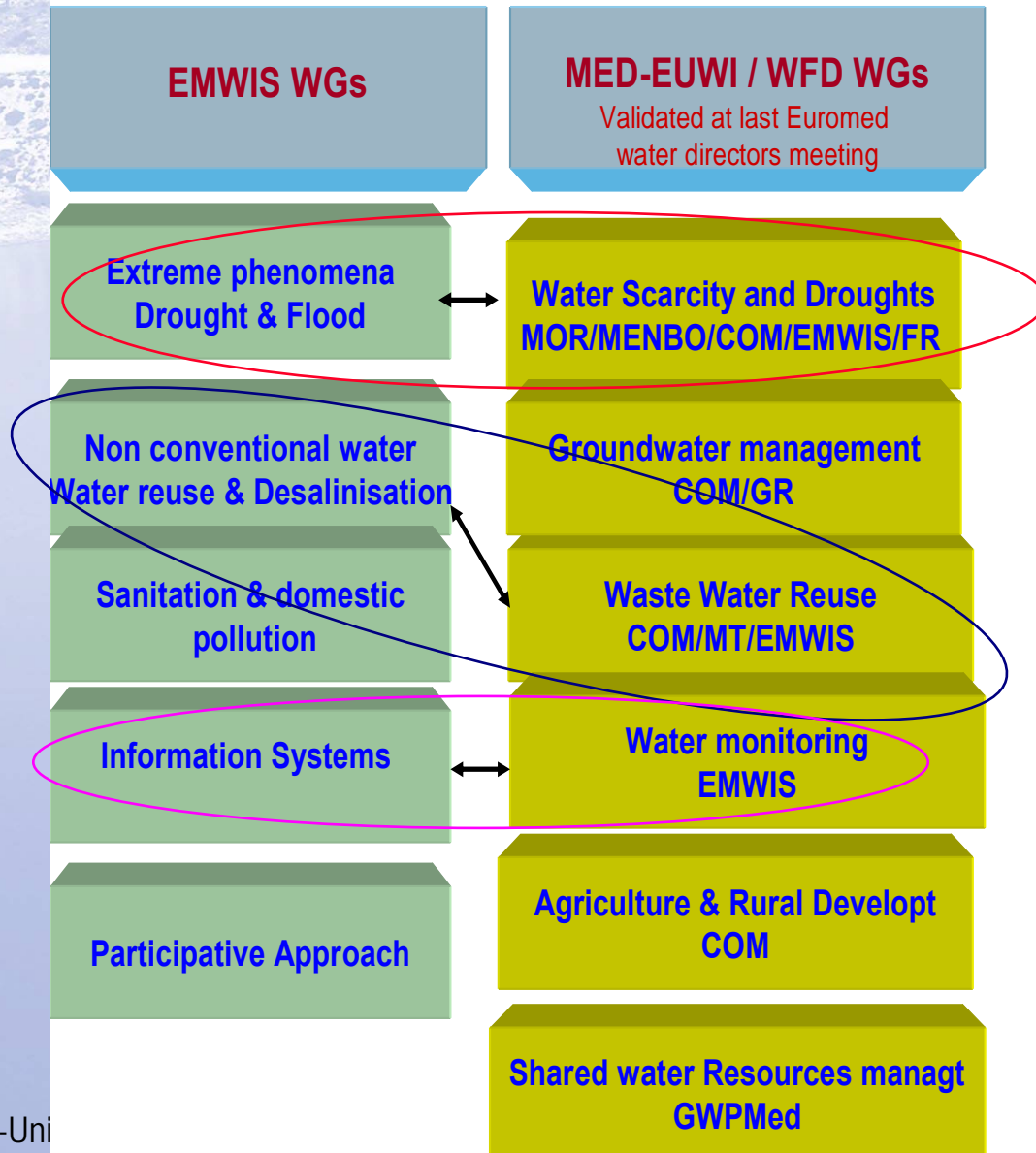


Joint Process WGs objectives

- **Facilitating the integration of the WFD principles in partner countries' water related policies.**
- **Producing recommendations for preparing national and local activities for the implementation of sound water policies.**
- **Joint Process Phase 1 (2004-2006)**
- **Joint Process phase 2 (2007-2009)**

Working groups

EMWIS vs Joint Process





Working groups

Country representatives

Working groups	FR	GR	IT	SP	DZ	CY	EG	IL	JO	LB	MT	MA	PS	SY	TN	TR
<u>Water scarcity & drought</u>	x		x	x		x	x			x		x			x	
<u>Waste water reuse</u>	x		x	x		x	x	x			x		x		x	
<u>Water monitoring networks</u>		x	x					x				x			x	

+Experts (organisations, universities, etc) + EU institutions representatives

=> EMWIS Steering Committee members have been asked to nominate experts in relevant working groups (WS & D + WWR)

Water scarcity and drought (JP):



<http://www.emwis.net/topics/WaterScarcity>

It is one of the three thematic groups launched for the Phase I (2004-2006) in the framework of the Mediterranean Joint Process between the WFD and the MED-EUWI.

This group is strongly interfaced with the Drafting Group set up by the EU Water Directors in the Framework of the 2005-2006 work programme of the Common Implementation Strategy (CIS).

At the Euromed water directors meeting held in Athens in November 2006, it was decided to include this theme for the second phase of the Med Joint Process.

The overall objective of the Med WG is to share information on definitions and possible actions in order to react on scarcity issues. For the 2nd phase, the objective is to have an overview of the magnitude of the problem of water scarcity and droughts in the Mediterranean, particularly an assessment of their impacts, and exchange information on possible alternatives of water use that contribute to its saving and could be applied by different types of users.

The final report of this WG will be edited before the end of June.

WS & D WG Members

NAME	SURNAME	INSTUTION/COUNTRY
Mohamed	BOUFAROUA	Tunisia, Ministry of Agriculture, Environment & water resources
Mohammed Jean Gaelle	BLINDA MARGAT THIVET	Plan Bleu
Natasha Abdul-Latif	CARMI KHALID	Palestinian Hydrology Group
Fadi	COMAIR	Lebanon, Ministry of Energy and water
Stéphanie	CROGUENNEC	European Commission, DGENV
Thierry	DAVY	France, Water Agency
Sylvie	DETOC	European Commission, DGENV
Jochen	FROEBRICH	University Hannover, Germany
Essam Tarek Tarek	KHALIFA ABDALLAH SADEK MOHIY	Egypt, Ministry of Water Resources and Irrigation Egypt, National Water Resources Plan Project
Eric Jauad	MINO EL KHARRAZ	EMWIS/SEMIDE
Giuseppina Martina	MONACELLI BUSSETTINI	Italy, National Agency for Environment Protection and Technical services
Stefan Giovanni	NIEMEYER LAGUARDIA	EC-DG JRC
Edward	INTERWIES	InterSus - Sustainability Services
Charis	OMORPHOS	Cyprus, Ministry, Water Development Dept.
Maria	SERNEGUET BELDA	REMOC / MENBO
Keren	RAITER	Friends of the Earth Middle East
Hamid	BENABDELFAD EL	Direction de la Recherche et de la Planification de l'Eau, SEE/MATEE - Morocco
Mohamed	TOUJI	MATEE Morocco
Ana	IGLESIAS	MEDROPLAN
Dunixi	GABINA	MEDROPLAN
Carina	DUNKERLEY	ERM



The waste water reuse working group is part of the Mediterranean Joint Process Phase II, a collaboration between the Mediterranean component of the EU Water Initiative and the Common Implementation of the EU Water Framework Directive (WFD).

The final report of this WG was presented during the Water directors conference held in Athens in November 2007.

JOINT MEDITERRANEAN EUWI/WFD PROCESS



Mediterranean Wastewater Reuse Report

Produced by the

**MEDITERRANEAN WASTEWATER REUSE WORKING GROUP
(MED WWR WG)**

November 2007

WWR WG Members



NAME	ORGANISATION/COUNTRY
MEMBER STATES	
<u>John Mangion</u>	Malta Resources Authority, Water Directorate
<u>Alejandra Puig Infante</u>	Spain, min. of Environment
<u>Maria Zacharian Dodou</u>	Cyprus, min. of Agriculture, natural resources and Environment
<u>Francisco Mundo</u>	Italy, Min. of Environment & protection of land and Sea
<u>Jean Duchemin</u>	France, MEDD / AESN
NON-EU COUNTRIES	
<u>Hamdane Abdelkader</u>	Tunisia
<u>Dr. Abid Nasser</u>	Water Quality Research Laboratory Ministry of Health, Israel
<u>Hussein Abdel-Shafy</u>	National Research Centre, Egypt
<u>Abdellatif Mohammed</u>	Palestinian Agricultural Relieve Committee, Palestine
<u>Ahmad Abu Awwad</u>	Jordan University, Jordan
ORGANISATIONS	
<u>Gunnar Noren</u>	Coalition Clean Baltic
<u>Sascha Gabizon</u>	WECF
<u>Bruce Durham</u>	EUREAU
<u>George Kamizoulis</u>	MAP / WHO/MED-POL
<u>Peter Kampe</u>	RMSU/MEDA Water
RESEARCH	
<u>Thomas Wintgens</u>	Institut für Verfahrenstechnik
EU institutions	
SOPHIE BREUL-BUSSON	EC/ENV/D2
BENILDE BUJARRABAL-FERNANDEZ	EC/ENV/D2
SYLVIE DETOC	EC/ENV/D2
PEDER PEDERSEN	EIB
AVELINO GONZALEZ	EC/RTD

Water Monitoring (JP): <http://www.semide.net/topics/watmon>



In 2005 EMWIS conducted a survey on the value of some concepts of the European Union (EU) Water Framework Directive (WFD) for Mediterranean partner countries (MPC). Water Directors as well as basin organisations were surveyed. The two first concepts of interest are the characterization of basins and the monitoring activities. This underlines strong willingness and needs in terms of acquiring a better knowledge on river basins within MPC. That preliminary step is crucial before ongoing the works of planning. Generally, this survey shows a lack of awareness on WFD by MPC, but also a strong interest on the follow up of its implementation in EU Member States.

At the Euro-Med Water Directors meeting held in Athens in November 2006, countries expressed an interest to launch a working group on 'Water Monitoring' in the framework of the JP phase II. EMWIS has the leadership of this working group.

The focus of the activity is on groundwater monitoring and esp. quantitative aspects, while quality monitoring will also be considered. Monitoring of surface and coastal waters will also be part of the activity, in case it is linked to groundwater management & monitoring.

WM WG Members



WISE compatibility

NAME	ORGANISATION/COUNTRY
MEMBER STATES	
<u>Giulia VACCA</u>	<u>Hydrocontrol</u> , Italy
NON-EU COUNTRIES	
<u>Abderrazak DAOUD</u>	BIRH - Office of Hydraulic Inventory and Researches Tunisia
Mohammad SAIDAM	Environment Monitoring & Research Central Unit – EMARCU- Royal Scientific Society - Jordan
Dr. Meryem Beklioglu	Middle East Technical University, Biology Department, Limnology Laboratory TR-06531, Ankara, Turkey
Mohamed Touji	Secrétariat d'Etat chargé de l'Eau, <u>Morocco</u>
Dr. <u>Doron Markel</u>	Lake <u>Kinneret</u> & Watershed Monitoring & Management Water Authority National Infrastructures Ministry Israel
ORGANISATIONS	
<u>Lamine BABA SY</u>	Observatory of Sahara and Sahel Tunisia
<u>Angela Klauschen</u>	MED EUWI Secretariat / GWP-Med
Eric MINO	EMWIS Technical Unit
RESEARCH	
EU institutions	
<u>Philippe Quevauviller</u>	European Commission DG ENV

Water Quality

Water Quantity

Need of experts in Quality as well as Quantity aspects

- Survey of existing water monitoring networks in MPC
 - Quality and quantity
- Review of EU WFD monitoring guidelines
- Recommendations on potential improvements
- Collection of metadata



Timeframe:

Inception meeting

Mandate validated by EuroMed Water Directors

Final report

Regional Workshop (exchange of information):

3 July 2007, Madrid

December 2007

September 2008

timing to be clarified; linked to an other event focusing on monitoring (under WISE contract activities)