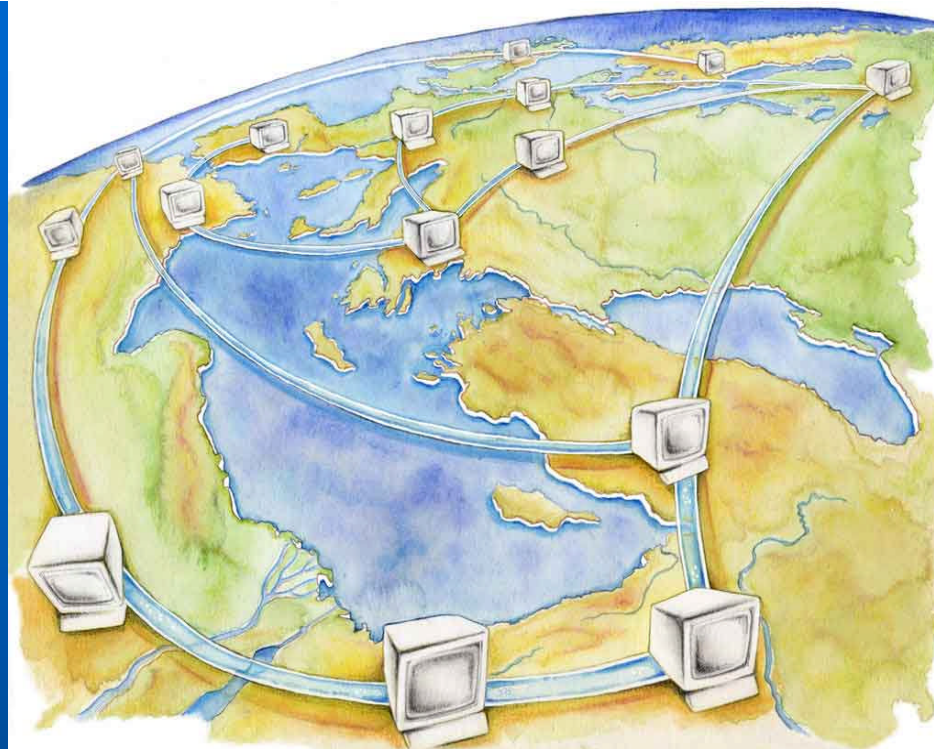


SEMIDE
EMWIS

SEMIDE

www.semide.net

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



EMWIS

www.emwis.net

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

النظام المعلوماتي الأورومتوسطي
للمعرفة في مجال المياه

Towards a National Water Information
System in Palestine

Workshop introduction

Eric MINO

EURO-MEDITERRANEAN PARTNERSHIP



DG ENV





Strengthening Water Information Background

- 1995 Euromed Partnership
- 1996 Euromed Ministers Initiate EMWIS
- 1999 EMWIS operational launch
- 2005 EMWIS first activities on data management
- 2008 UfM Water Ministerial conference Long Term Water Strategy initiated

Focus on know-how sharing

- 9 years of operation
- 20 countries
- About 50 000 visitors per month

➤ **Confidence between water authorities**

• Feasibility studies of National Water

Information Systems (Algeria, Cyprus, Israel, Jordan, Lebanon, Malta, Morocco, Palestine, Tunisia, Turkey)

• Preliminary analysis for a Mediterranean Water Observation Mechanism - 2006-2007

(7 national diagnostic studies, 25 international initiatives consulted)



Mission framework

- **Regional project supported European Commission**
 - **Towards a Mediterranean Water Information System compatible with Water information for Europe**
- **Main activities**
 - **Metadata catalogue (data discovery)**
 - **Interoperability guidelines**
 - Standards
 - Data models
 - **Thematic activities (working groups)**
 - Water quality monitoring networks and programmes
 - Water scarcity and drought
 - **Data harmonisation pilot**
 - Tunisia and Jordan
 - Based on water accounting approach
 - **Multilingual thesaurus enhancement**
 - **Map viewer and administrative reference data sets for the region**
 - **National technical workshops:**
 - State of plays on National Water Information systems
 - Tunisia, Lebanon, Jordan, Egypt, Palestine, Morocco, Syria, Turkey



- **UfM Mediterranean Water Strategy**
 - ❑ Strengthening the provision of data, information and statistics on water
- **Arab Countries water strategy**
 - ❑ Database on shared water resources
- **EU - Horizon 2020 – Depolution of Mediterranean sea**
 - ❑ Monitoring: Urban waste water, Industrial emission and Urban solid waste
 - ❑ Extension of Shared Environmental Information System
- **UNEP - Mediterranean Strategy for Sustainable Development**
 - ❑ Resources and Demand indicators
- **UN – Water => World Water Assessment Programme**
 - ❑ Total freshwater renewable resources
 - ❑ MDG goals
 - ❑ Water abstraction per sector



Union for the Mediterranean: High level of expectations

- **Civil Society:**
 - *“underline the need for reliable data and to enable the free flow of information and sharing of data”*
- **Ministerial declaration:**
 - *“reaffirm the importance of data, information and statistics on water, based on internationally agreed definitions and methods, structured within information system ”*
 - *“call for strengthening the coordination of existing Euro-Mediterranean initiatives and networks on information and expertise, policy planning and monitoring ”*
 - *“underline the importance of exchange of good practices, including through EU, Mediterranean, and other relevant programme ”*

Ministerial conference on Water, Dead Sea, Dec'2008



Strengthening Water Information and monitoring in the Mediterranean

- **Improving National water data systems in coherence with international standards**

- **Coordinating data collection mechanisms**
 - Harmonisation of definitions (interoperability)
 - Fostering NWIS as main source of reliable data
 - Exchange of experiences

Overall Mediterranean vision

