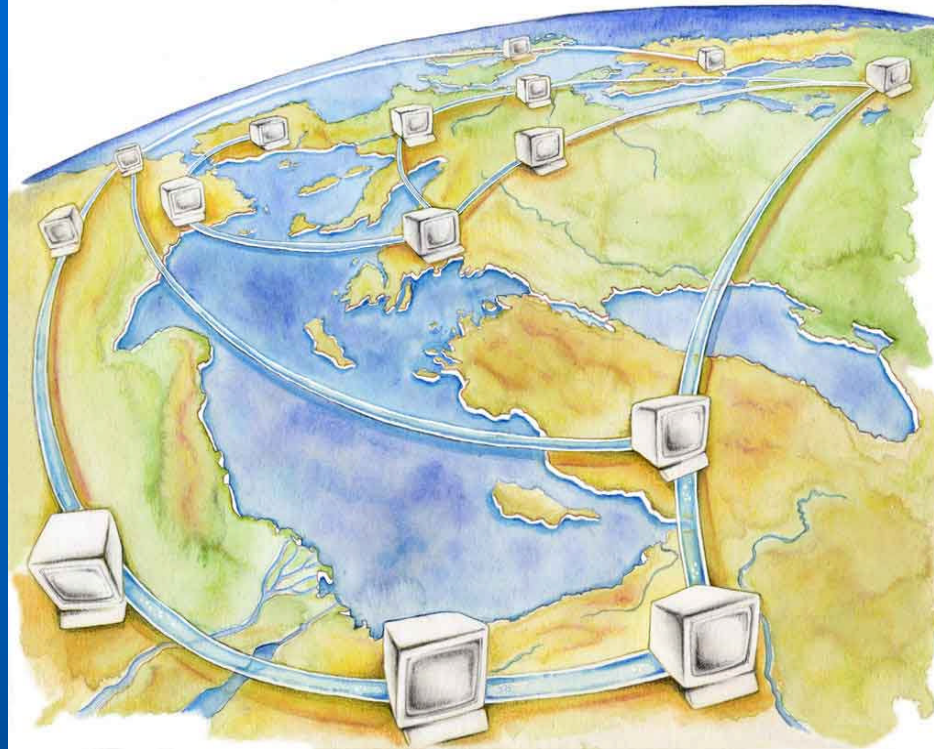


SEMIDE
EMWIS

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

Developing harmonized national water
information systems in the Mediterranean

Round table discussion with Syrian
stakeholders

Eric MINO

EURO-MEDITERRANEAN PARTNERSHIP



DG ENV





Discussion outline

- Data availability and use/needs => data flows
- Existing and planned information systems
- Legal framework
- International obligations
- Potential synergies with existing/planned projects



1st Overview of data providers / users

Surface water quantity
groundwater quantity
Water use
water abstraction
Climatology & rainfall
Evaporation /evapotranspiration
Efluent quantities (UWWTP)
Desalination
Surface water quality

Groundwater quality
Efluent quality
Land cover / use
Population / industry / urban areas
Irrigation / crops patterns
Hydro network*
Economic data, excl. Water sector
Economic data water sector
Grey literature

*: (springs, dams, rivers, aquifers, wells, etc.)

provider

user

Overview of data providers / users in Jordan



	MWI	WAJ	JVA	MoE	MoA	MoH	RSS	DOS	Meteo	RJGC	NRA
Surface water quantity	P							U			
groundwater quantity	P							U			
Water use	U	P	P		P			U			
water abstraction	U	P	P					U			
Climatology & rainfall	P								P		
Evaporation /evapotranspiration	U				P				P		
Efluent quantities	U	P		U				U			
Desalination		P						U			
Surface water quality	P			P			P				
Groundwater quality	P					P	P				
Efluent quality (UWWTP)		P		P	P						
Land cover / use	U				P					P	
Population / industry / urban areas	U			P				P			
Irrigation paterns / crops	U				P						
Hydro networks*	P			U						P	U
Economic data, excl. Water sector	U				P			P			
Economic data water sector	P	P	P					U			
Grey literature	P	U	U								

*: (springs, dams, rivers, aquifers, wells, etc.)

provider

user

Metadata catalogue



→ *resusable & standard inventory of existing data*

The screenshot shows the 'Mediterranean Water Information Datasource Catalogue' web application. The search bar contains the text 'sebou'. The map on the left shows the geographical context of the search results in Morocco. The search results list includes:

- Site web de l'agence du bassin hydraulique du Sebou comportant d'importantes rubriques relatives a la ge... reesources en eau, la gestion du domaine public hydraulique et un volet cartographique. ... HYDROGRAPHY, MONITORING, MOROCCO
- Groundwater stations (oued) on Sebu river basin
- Rainfall sta...
- Climatolog...
- Groundwater stations on Sebu river basin

A context menu is open over the 'Groundwater stations (oued) on Sebu river basin' entry, displaying the following actions:

- Edit
- Delete
- Other actions
 - Duplicate
 - Create child
 - Privileges
 - Categories
- View
- Zoom to
- Save as XML



Legal framework

- **Interministerial coordination / strategic guidance for setting up NWIS**
 - National Water Council?
- **Dissemination of water / environmental information**
 - Restrictive law?
 - Specific obligation in terms of public information?
 - Information as a public good?



http://192.168.1.4/medwis/show_country_obligations?country=Palestinian Territory

home | login WISE | EMWIS portal | Sitemap | Search

National level Regional level Tools and guidance Themes

[Mediterranean Water Data](#)

Obligations per country

Reporting obligation	Legislative instrument	Report to	Next reporting	Deadline
Biennial general report, and report on the implementation of the Convention for the Protection of the Mediterranean Environment and the Coastal Region of the Mediterranean	Convention for the Protection of the Marine Environment and the Coastal Region of the Mediterranean	MAP	n/a	2011-12-31
National Report on the technical implementation of the Dumping Protocol: Report on the disposal of wastes or other matter in terms of Articles 4, 5, 6, 8 and 9.	Convention for the Protection of the Marine Environment and the Coastal Region of the Mediterranean	MAP	n/a	2011-12-31
National Report on the technical implementation of the Hazardous Wastes Protocol	Convention for the Protection of the Marine Environment and the Coastal Region of the Mediterranean	MAP	n/a	2011-12-31
National Report on the technical implementation of the Land-based Sources Protocol	Convention for the Protection of the Marine Environment and the Coastal Region of the Mediterranean	MAP	n/a	2011-12-31
National Report on the technical implementation of the Offshore Protocol	Convention for the Protection of the Marine Environment and the Coastal Region of the Mediterranean	MAP	n/a	2011-12-31
National Report on the technical implementation of the Prevention and Emergency Protocol.	Convention for the Protection of the Marine Environment and the Coastal Region of the Mediterranean	MAP	n/a	2011-12-31
National Report on the technical implementation of the SPA & Biodiversity Protocol	Convention for the Protection of the Marine Environment and the Coastal Region of the Mediterranean	MAP	n/a	2011-12-31

SEMIDE EMWIS Euro-Mediterranean Information System on know-how in the Water sector

WISE Water Information System for Europe

European Commission



Discussion outline

- Data availability and use/needs => data flows
- Existing and planned information systems
- Legal framework
- International obligations
- Potential synergies with existing/planned projects

**SEMIDE
EMWIS**

Thank you for your attention



National portals

« who does what

Common taxonomy (multilingual water thesaurus)

www.semide.net

Thematic forums/folders

Ground water, water scarcity
Water glossaries, satellite images,
etc.

Clearing house for EU programs and initiatives

Regional water projects

Monthly eNews Flash in Arabic, English and French