

**SEMIDE**  
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Technical Workshop



ورشة عمل



سلطة المياه الفلسطينية  
PALESTINIAN WATER AUTHORITY

**Towards a National Water Information System in Palestine**

**نحو بناء نظام المعلومات المائي الوطني في فلسطين**

23 November 2010 Ramallah

23 تشرين ثاني 2010 رام الله

Funded By  
الإتحاد الأوروبي  
European Commission

**Euro Mediterranean Information  
System On Know-How in Water Sector**

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## Towards a National Water Information System in Palestine

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European Commission

**Palestinian Water Authority**  
**General Directorate of strategic planning**  
**Data Bank Department**

Ashraf Dweikat

Director of Data bank Department

# Water Information System (WIS)

In general, WIS should be the address to find information related to :

- ❖ Water resources in Palestine (groundwater & surface water).
- ❖ Water quality information.
- ❖ Major Basins Information.
- ❖ Palestinian water rights.
- ❖ Metrological data, and many others related info.

This should be available for all users including of course PWA, the main source of this information.

# WIS in PWA

- Since its establishment in 1996, the PWA realized the important need for the establishment and the development of the Water Information System, and therefore, it established its Data Bank with the following main objectives:

## The main objectives

- Facilitate access to the existing information on water sector
- Develop the sharing of information In PWA

- Create common products and cooperation programmes to develop available information and to promote the collection of the lacking information.

# Water Related Information

- ❑ **Hydrological data and information.**
- ❑ **Water Supply data**
- ❑ ***Rainfall / Meteorological data***
- ❑ ***Socio-Economic Data.***
- ❑ **Wastewater Data**
- ❑ ***Projects Data***
- ❑ ***Licensing Data***
- ❑ **Library / Resource Center**

# Uses of Water related information in PWA

- **Accurate assessment** of the quantity and the quality of the Palestinian water resources.
- **Planning, Monitoring and Evaluation**, and effective identifications and design of projects.
- **Water quality characterization**, evaluation and management

# Uses of Water related information in PWA

- **Identification of trends** and changes to water resources.
- **Licensing and enforcement** of regulations to protect water resources.
- **Negotiations** of the equitable division of water resources shared by Palestine and neighboring states.



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# Uses of Water related information in PWA

- Design of engineering projects.
- Documentation, and Publishing new data and information reports.

# What's NWIS

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## National Water Information System (**NWIS**)

- It's a strategic tool for exchanging information and knowledge. this tool is essential for implementing the PNA future planes in water sector.

# Objective of NWIS



- To create a tool and platform for cooperation between the Palestinian official institutions and NGO's in the water sector

# Objective of NWIS

- To Develop the sharing of water information.

## The Main objective of NWIS

- **Institutions** : involvement of the water sector institutions and their representatives (Ministry, NGOs, City councils, Companies)

# Main objective of NWIS

- **Education and training: Include the following**
  - ❖ Identification of education and training centres
  - ❖ Identification Types of training curricula provided and giving a description with the objectives of teaching it.

# The Main objective of NWIS

- **Documentation:** Includes the following points:
  - ❖ Identification of water libraries
  - ❖ National water news
  - ❖ Legislation
  - ❖ Full text documents
  - ❖ Bibliographical references.



# Thank You

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