

Session #11

Identification of the country needs and priority areas for action

Good practices:

Measures

- Reuse of drainage water
- Artificial recharge
- Rainwater harvesting (also using underground reservoirs)
- Introduce new seeds
- Water saving
- Drought wells (relief)
- Water consumption reduction
- Desalination
- Drip irrigation
- Irrigation Management
- Awareness campaign
- Wastewater reuse
- Grey water reuse
- Surface water mobilisation and water transfer
- Leakage reduction
- Use of non conventional measures

Institutional Settings

Water Users Associations used for water management

Water Users Association in Jordan Valley

High Land water forum

Supporting financially and technically water harvesting

Legislation

National Plan

National Master Plan

Actions for the environment

National Action Plan for the environment and sustainable development (PNAE-DD)

Established legal framework for mobilisation of water resources

Social

Awareness campaigns

Awareness for water saving and ww reuse

Bad Practices:

Institutional

Lack of interdisciplinary approaches

Poor stakeholders participation

Engendering Men (agriculture)

Planning of water allocation

Integration-Internalisation

Fragmentation

Poor mainstreaming

Un-Institutionalisation of best practices

Measures

Water head losses

High Irrigation

Reuse of drainage water (from a quality point of view)

Overpumping- overexploitation

Illegal wells

Wastewater reuse

Cropping patterns

Vulnerability

Water rights trading

Low use of treated wastewater

Not capturing rain lost in the sea

Low water tariffs

Natural issues

Soil vulnerability

Desert climate dominant

Palestine:

Scattering or roles and responsibilities

Needs – Priorities:

Overarching: Technical and technology transfer

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Step 1	Integrate socioeconomic issues Connecting all water uses to the national water system Drought characterization Drought monitoring Drought indicators Vulnerability assessment	Criteria about drought Calculate indexes Data analysis and reporting Analytical tools for drought monitoring Run off surface water monitoring	
Step 2-3	Collect the rainwater Drainage water treatment	Managing the runoff and urban drainage Infrastructure for water retention Improving knowledge and warning systems Insurance Early warning systems	
Step 4	Legal framework DRM Plan International Drought Declaration Policy and Plans Legislation for crisis	Institutional development Drought Plans Financial Support Capacity Building Define ways to integrate	Drought Policy and Mainstreaming Creating an agency for drought management Water Users awareness Awareness

	management Awareness raising for water management for public and decision makers Users involvement	drought risk management to the decision support system Capacity building	
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