

Adaptation Planning and Practices in the Water Sector



Presentation Outline

1. State of Adaptation Planning and Practices
2. Relevant findings from Egypt workshop
3. Climate Related Risks and Impacts in Water Sector
4. Adaptation Planning and Practices in Water Sector – Parties submissions
5. Key Issues for Group discussion

1. State of Adaptation Planning and Practices in Water Sector



- Protection of water supply infrastructure and traditional water supply sources
- Water harvesting
- Improving watershed management
- Slowing down salinisation of water caused by sea level rise

2. Assessment and Prediction of Climate Related Risks and Impacts

- Identify hazards then assess frequency of occurrence and potential impacts
- Disaster risk reduction approach which is people centered
- Tools are available eg GRIP
- Involvement of stakeholder's and their respective socioeconomic conditions etc is critical to risk assessment and prediction
- Traditional knowledge incorporation

Assessment & Management of Climate Related risks and impacts



- Entails systematic process
- Process activities include structural and non-structural measures to avoid or limit adverse effects
- Preliminary stage leading to actual P&P
- An important communication media of the risks
- Priority policy responses based on a number of criteria

3. Climate related risks and impacts in Water Sector



- Droughts
- Flooding – coastal and catchments occurrences
- Salinization
- Variability in precipitation

4. Information and views submitted by parties and relevant organizations

- Attention focused most on water resources
- Focus also largely on risk management
- Sanitation and re-use of grey water
- Integrated Water Resources management
- Integration with key national policies and sectors such as land use, urban planning, energy and tourism
- Awareness at policy makers level is important

5. Key issues for group discussion

- Stocktaking – current practices in water sector and local levels to adapt to impacts of CC, variability and extreme events
- Barriers and Constraints – main challenges, barriers and gaps encountered e.g., level of awareness, capacity, coordination, funding etc
- Possible Further Actions – Promotion, appropriate modifications to current practices for enhanced effectiveness, recommendations