



Water and  
Environment Centre

# Water and Education

## Human Resources Development

Prof. Dr. A.S. Babaqi





# Outline

- Current situation of the water sector
- Needs for development in water sector
- Tools needed
- Role of WEC





# Current Situation

- Development Ministry of Water and Environment
- Development Water Law
- Implementation is a challenge





# Current Situation

- Water resources development is common activity
- Water resources **MANAGEMENT** is less common





## Current Situation (example)

- Water supply of Taiz
  - New wells are developed
  - Current losses of distribution system are high





# Needs for development

- In addition to the specific water related technical skills, more water management knowledge and skills are needed
- Need to create a national and regional intellectual IWRM resource base that has the capacity and capability to identify, formulate and undertake programmes and projects of national and international organizations.





# Needs for development

- There is also a need for an intermediate between private sector clients (contract research) and the knowledge institutes in Yemen and abroad





# Tools Needed

- IWRM education
  - taking into account that implementation of water related policy needs enforcement







# Tools Needed

- Programmes offered in Water and Environment Science in the Arabic Region are primarily focused on the technical and scientific aspects of the water sector...





# Tools Needed

- ... It is now clear that the water crisis is not purely a technical problem, but is a multi-faceted socio-economic problem that requires a multidisciplinary approach





# Role of WEC

- Centre for IWRM education
- Centre of “New water-thinking”
- Point of contact with international organizations (IWMI, GWP, CAP-Net)
- Support from Wageningen University, Technical University Delft, Cairo University amongst others





# Role of WEC

- To provide MSc curriculum and professional diploma courses on IWRM
- Listen to water and educational sector to provide a fitting curriculum





Water and  
Environment Centre

# Thank You

