



Sana'a University

**Water and**  
*Environment Centre*

## Implementation of IWRM for Sana'a Basin

Short Course Information Sheet

### Objective:

Raise the capacity building of water sector trainees on the implementation of IWRM for Sana'a Basin for applying the IWRM concept and indicators .

### Duration Time:

20 hours over five days (4hr/day)

### Targeted Audiences:

NWRA engineers, Civil engineers, Agriculture Engineers, Science students, Water Users Associations.

### Expected Outputs:

Attendees of the short course will be able to:

- Mobilize, activate, discuss the IWRM for the Sana'a basin
- Introduce the IWRM Process
- Understand the IWRM concept and the importance of applying IWRM to manage Sana'a basin.,
- Be aware of the need for all other Yemen water basins in applying IWRM in comparison with Sana'a basin.,
- Know problems generated from the absence of applying IWRM to the Sana'a.,
- Recognize the performance indicators which reflect proper application of IWRM In Sana'a basin.,
- Understand factors affecting the proper application of IWRM for Sana'a basin.,
- Identify existing situation of the Sana'a basin and discuss other ways to overcome its related problems.

### Contents:

- 1- Legislative and institutional framework:
  - a. Discussing the existence of IWRM – Complaint in Water Law
  - b. Discussing the existence and contents of IWRM-complaint water policy
- 2- Technical issues:
  - a. Water resources conditions

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- b. Percentage of the budget for minimizing ufw
  - c. Existence of updated and accessible IWRM database
- 3- Economic and financial issues:**
- a. Discussing the existence of a special budget allocation for IWRM
  - b. Consideration of Economic value during the water allocation to users
- 4- Social issues:**
- a. Information on IWRM shared widely with decision makers and end users.
  - b. Existence of outreach program for IWRM
  - c. Discussing the Existence of stakeholder platform
  - d. water management institutions generated from users
- 5- Environmental issues:**
- a. Establishment of legalization for water quality standards
  - b. Discussing Environmental water requirement studies carried out
- 6- Gender issue:**
- a. Percentage increase of women in decision –making levels
- 7- Institutional issue:**
- a. Decentralized water management institutions operational

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