

## Integrated Water Resources Management in Arid Environments

**Dates:** 20 - 24 November 2022

**Time:** 09:00 a.m. - 01:00 p.m.

**Fees:** 250 K.D.

**Objectives:**

**At the end of the course, participants will be able to do the following:**

- Determine the water balance of water resources in arid environments.
- Access water demands for countries in Arid environments.
- Maximize the utilization of water resources for countries in arid environments, using optimization techniques and multi-criteria decision making analysis.
- Allocate water resources with the social, cultural, and economic benefits of water utilization.
- Account for the capacity of natural surface water and groundwater systems.
- Account for water resources pollution and water quality in IWRM.
- Account for institutional arrangements with regards to public and private interests.

**Prerequisites:** The course is intended for laboratory and workshop supervisors, as well as research and maintenance staff members.

**Instructors:** **Dr. Amjad Aliewi, Dr. Jasem Alkandari, and Mr. Harish Bhandary.**

**Participants:** Diploma, BSc. and MSc. in water resources disciplines, such as hydrogeology, geography, and engineering.

