

Objectives:

The objective of this course is to familiarize the students with principles and practices of integrated water resources management (IWRM) and enable them to plan IWRM projects particularly in water-deficit ('semi-arid') regions.

Contents:

Though the IWRM approach has experienced critical reviews during the last 10 years, it still represents a powerful planning tool when coping with natural resources management issues in general, and water resources management issues in particular. The course is sub-divided in 7 modules covering the following topics:

Course topics

- Meaning and importance of IWRM,
- Tools and instruments of IWRM project design and implementation,
- Information and data analyses,
- IWRM project supervision, monitoring and evaluation,
- Bottlenecks, pitfalls and claims of recourse,
- Case study: Preparation of a feasibility study of an IWRM project, and
- IWRM project presentation to decision makers.

Special lecture:

The Drina River Basin Management Project

Assessment:

Assessment of this course is based on a written test including topics sub-divided in three groups assessing the students' capability in the following fields: (1) IWRM understanding; (2) IWRM know-how and (3) IWRM application.