

Interdisciplinary Programmes

Academic year 2018-2019

Issues in Water Management

MINT019 - Printemps - 6 ECTS

Course Description

The seminar addresses the multiple dimensions and complexity of water resources, uses and management. The goal is to provide students with the conceptual and methodological background to analyze water management issues at different scales including transboundary surface and groundwater resources.

Special attention will be paid to the involvement of the civil society in water management issues and on linking local management national policies and international governance.

> PROFESSOR

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Syllabus

The seminar adopts a problem-based approach.

It develops a multi-disciplinary approach of water management issues with the following learning objectives:

- Analyze key debates and narratives on water management and the “Global water crisis”.
- Analyze the multiple dimensions of water management issues.
- Analyze water management decision making processes and instruments.
- Evaluate management frameworks and the diversity of stakeholders.

The seminar focuses on:

- The water crisis rhetoric and the variable perceptions of the crisis.
- The analysis of global prescriptions, ranging from the right to water to integrated water management in relation to the water crisis diagnoses.

- The diversity and complexity of local realities regarding the physical, economic, social, institutional and political dimensions of water management issues.
- The links between local management, national policies and international governance.

The hypothesis underlying the approach is that the complexity and uncertainty of water resources and uses is an opportunity rather than an obstacle for the development of concerted water management.

The seminar comprises lectures, case study presentations and discussion and case studies assigned to work groups of four to five students.

By the end of the seminar participants should be able to:

- Analyze the physical and social dimensions of water management issues and their interrelations.
- Assess institutional, economic and social arrangements for the provisions of water.
- Assess management strategies integrating technical, economic, legal and administrative measures.

Assessment

The assessment will be based on in class exercises and a work group case study. .