



TEL AVIV  
UNIVERSITY

אוניברסיטת  
תל אביב

# Full Syllabus



## Course Title

Policy and Political Aspects of Transboundary Water Management in Israel and the Middle East

## Lecturer

Clive Lipchin

## Semester

Spring

## Course requirements

## Final grade components

50% oral presentation; 50% final written exam

## Course schedule

Class no. / Date	Subject and Requirements (assignments, reading materials, tasks, etc.)
1. 3/3/22	Introduction to contemporary water issues: what's the fuss all about
2. 7/3/22	<b>Monday 08:30-10:00</b> Defining Water Scarcity: Definitions, Perceptions and Projections
3. 24/3/22	Overview on Transboundary Water Interactions: Conflict and Cooperation
4. 31/3/22	Regional Water Resources: Review of Major Water Sources of the Middle East
5. 7/4/22	International Environmental Law for Transboundary Water Management
6. 11/4/22	<b>Monday 10:15-11:45</b> Water Resources Management and Policy in Israel
7. 28/4/22	Water Resources Management and Policy in the Palestinian Authority - The Oslo Accords
8. 12/5/22	Film: Last Call at the Oasis
9. 17/5/22	Field trip to the Dead Sea and Jordan Valley
10. 19/5/22	Water Resources Management and Policy in Jordan: The Israel-Jordan Peace Treaty
11. 26/5/22	Mega-engineering projects for restoring the Dead Sea and resolving the region's water crisis
12. 2/6/22	Transboundary watershed restoration and wastewater management
13. 9/6/22	Student presentations

## Required course reading

Israel, Jordan and Palestine country files available at:

<https://water.fanack.com/>

Cech, T. V. (2003) Principles of Water Resources: History, Development, Management and Policy. John Wiley & sons, Inc.



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Tal, A. and Abed-Rabbo, A. (2008) Water Wisdom: Preparing the Groundwork for Cooperative and Sustainable Water Management in the Middle East.

## Optional course reading

Additional reading material will be made available during the semester for each topic.

## Comments

General course objectives: This course will introduce the major issues hindering or allowing for efficient water management in the Middle East. As water scarcity is a reality in the region, it is critical to explore the ways and means for sustainable management of this resource in the face of growing demand and dwindling supply and the associated regional plans for water allocation among the countries of the region. The course will concentrate on the Jordan River and Dead Sea Basin and associated groundwater resources and how these waters are managed and shared. The course will focus on the water resources of Israel, the Palestinian Authority and Jordan. The goal of the course is to provide students with an overview of the challenges facing policy makers and water experts in effectively managing these shared resources and negotiating over their equitable allocation .

Course format/delivery: Lecture and discussion

Participation: At least 80% student participation in class (frontal teaching), students that cannot attend in class due to COVID19 concerns (testing positive or in quarantine) will be allowed to participate over Zoom.