

THE 'MOOC' APPROACH

The modules are structured into multiple topics each introduced by a video lecture giving a theoretical and thematic overview. Several case studies are presented as “real-life” examples of what has been covered in the video lecture to connect **theoretical approaches** with **practical hands-on experience**. Every module closes with a quiz, a reading list and includes a moderated discussion forum to facilitate peer learning between participants.

Participants can acquire a personalized certificate after successfully completing the MOOC.

PARTNERS

This MOOC is a joint, collaborative and interdisciplinary project made possible by pooling knowledge from a diverse set of contributors and partners spanning multiple areas of expertise and representing many different organizations and institutions.

MODULE COORDINATORS



UNITED NATIONS UNIVERSITY
UNU-INWEH
Institute for Water, Environment and Health



UNECE



United Nations Educational, Scientific and Cultural Organization



International Centre for Water Cooperation



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GOVERNANCE FOR TRANSBOUNDARY FRESHWATER SECURITY



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Intergovernmental Oceanographic Commission



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WHY TAKE THE COURSE

Freshwater scarcity, stress and crisis are increasing in most regions. Approximately 80% of the world's population is already exposed to high levels of threat to water security, and approximately 1.2 billion people live in river basins where human water use has surpassed sustainable limits.

Transboundary basins account for roughly 60% of global freshwater resources, serving 2.8 billion people, or 42% of the global population. As water bodies cross political jurisdictions, it becomes increasingly challenging to identify commonly accepted solutions to satisfy competing uses. **Governance of transboundary waters** requires cooperation among stakeholders across sectors and states.

OBJECTIVES

This MOOC aims to **build capacity among practitioners and stakeholders** working in the field of transboundary freshwater governance by introducing the students to topics such as international water law, water diplomacy and negotiations, transboundary management in practice, and financing for transboundary water management.

AUDIENCE

The MOOC is primarily targeted at **practitioners and stakeholders** but is also open for all who are interested in transboundary water governance and freshwater security.

MODULES

1 Introduction to MOOC & Water Security

The objectives of the first week are to (a) introduce participants to the structure of the overall course, and how it will work, and (b) to introduce the topic of water security and transboundary water governance.

3 International Water Law

Week 3 will introduce the basic concepts in International Water Law, including: substantive and procedural norms; regional and global agreements; principles of notification; dispute resolution; and an introduction to the role of institutions.

5 Management Tools & Mechanisms

Week 5 marks a shift from transboundary governance theory, law and negotiation, to tools for transboundary water management in practice. Practical tools for transboundary water governance will be introduced such as technological tools in water governance, Transboundary Diagnostic Analysis/Strategic Action Programme (TDA/SAP), conjunctive management of surface and ground water, and the concept of Source to Sea will be discussed.

2 Water Diplomacy & Negotiation Skills

The week 2 will introduce you to the key concepts of water diplomacy, different types of diplomacy, fundamental theoretical perspective of negotiation and some practical tips on negotiation.

4 Institutions

In week 4, participants will understand the role of institutions in transboundary freshwater security. The module will illustrate different types of institutions and how they work in the transboundary water governance context.

6 Finance for Transboundary Water Security

In week 6 participants will learn what available financing mechanisms are currently available, how to articulate economic incentives for Transboundary Water Management (TBWM), and how to attract financing. This will cover practical topics including how to finance a river basin institution and private sector engagement.