

# WATER RESOURCES AND SUSTAINABLE WATER MANAGEMENT

**ONLINE SECTION:** 19–23 MAY 2025  
**FACE-TO-FACE:** 26–30 MAY 2025  
**NUMBER OF ECTS:** 6



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# SUMMARY



The course "Water Resources and Sustainable Water Management" aims to address the challenges of water resource management and sustainable development. The course will explore how climate change and human activities are affecting water resources, and it will focus on innovative solutions for ensuring sustainable water use.



This interdisciplinary course is designed to provide students with the necessary knowledge and practical experience in water and land management, with a focus on sustainability and the efficient use of water. Students will gain first-hand knowledge of water issues through field visits, case study analysis, and teamwork. By exploring water scarcity, drought, and climate change, students will analyze the challenges faced by communities and propose sustainable solutions.



# CONTENT



- The current status of global water resources and challenges they face
- The impacts of climate change on water resources and water management
- Sustainable water management techniques and strategies
- Technologies for wastewater treatment and reuse
- Water-saving strategies at both individual and societal levels
- The role of green infrastructure in water management, such as rainwater harvesting and green roofs