"FAQs"

What are the main sessions of the course?

- *The course includes in-person lectures, hands-on training, pilot application demonstrations, and daily field practice.*

What activities are included in the program?

- *Participants will attend lectures, technical and educational sessions, practical exercises, and field activities focused on water management, bioeconomy practices, and climate resilience.*

Are there any prerequisites for attending the program?

- *The summer school is designed for undergraduate and postgraduate students, PhD candidates, researchers, educators, and professionals working in relevant fields.*

Is accommodation included?

- *Accommodation is not included. Participants are responsible for arranging their own stay.*

What is the best way to travel to Xanthi?

- *Xanthi is accessible by road from major Greek cities; the nearest airport is Kavala (KVA), while Thessaloniki (SKG) is the nearest major international hub.*

SAVE THE DATES ! SAVE THE DATES !

Summer School on Shaping Nature-Based Solutions towards Climate Resilience and Bioeconomy

WHEN & WHERE ?

22 - 26 June 2026

School of Engineering, Democritus University of Thrace (DUTH), Xanthi, Greece

WATERWISE FUTURES

Designing Tomorrow's Water Solutions

Who should attend

- **Undergraduates, graduates and PhD** candidates in Environmental Engineering, Civil Engineering, Chemical Engineering, Life Sciences, Financial and Social Sciences.
- **Practitioners and Researchers.**
- **Educators & technologists.**

Whether you work in academia, industry, or as a consultant on NBS design, **this course offers a unique opportunity to exchange ideas and learn how to develop bio-based solutions** at the crossroads of engineering and sustainability.

Why Xanthi

Xanthi, **the city of a thousand colors**, is the seat of School of Engineering at Democritus University of Thrace. With **landmarks** such as the magnificent old town, the narrow streets of Nestos, Vistonida and Pomakohoria, combined with **modern technological infrastructure**, it is an ideal destination for our summer school.

Key info:

Language of Instruction: English
Registration Fees: Free of charge
Accommodation: Not included

Register here:

Shape the future of water solutions !

CIRQUA Waterwise Futures
PRIMA PARTNERSHIP FOR RESEARCH AND INNOVATION IN THE MEDITERRANEAN AREA
This project is part of the PRIMA programme supported by the European Union
DesirMED
Sanitary Engineering Water & Wastewater Quality

About the Summer School.

Co-hosted by:

- **The innovative PRIMA-funded research project CIRQUA (www.cirqua-water.eu)**
- **The Horizon-funded research project DesirMED (www.desirmed.eu)**
- **The interdepartmental laboratory of Sanitary Engineering – Water & Wastewater Quality (DUTH)**

Objective

The overall objective of the “Shaping Nature-Based Solutions towards climate resilience and bioeconomy” summer school is to transfer and synthesize **scientific knowledge** to address current **technical and socio-economic demands** for the adoption of Nature-Based Solutions in the water-climate pillar within the context of **bioeconomy development**.

Key Focus Areas

The purpose of the summer school is to foster a practical dialogue on wastewater reuse, nutrient recovery within the bioeconomy, and the adoption of Nature-Based Solutions for the green transition and climate resilience.

What to expect

We will discuss and learn how to design innovative solutions for **wastewater reuse and nutrient recovery**, and how to **apply nature-based solutions** to support the green transition, strengthen the **bioeconomy**, and enhance **climate resilience**.

The program includes **in-person lectures**, hands-on training and **demonstration of pilot applications**, as well as **field practice**. Asynchronous educational material available.

The **practical part of the program (technical, educational, field exercises)** will provide a substantial understanding of issues related to protecting water resources, adopting bioeconomy practices and mitigating the impacts of climate change.

Scientific Framework

Scientific evidence and tools developed under two relevant innovation projects (CIRQUA & DesirMED) will be presented, along with the main pillars of the newly established Laboratory of Sanitary Engineering - Water & Wastewater Quality and of the Laboratories of Wastewater Management and Treatment Technologies as well as Ecological Engineering & Technology.

Join us here !

Learning Outcomes

The project addresses the incorporation of new scientific knowledge, the **strengthening of participants’ professional profile** and the harmonization of **learning skills at an international level**.