

WATER RESOURCES, LAND USE AND FORESTRY

Building
research
knowledge for
the future

First edition

20/06/2022-2/07/2022

THE COURSE

The sustainable management of water resources, land and forestry is a key challenge for humanity in the 21st century and one which is tightly related to the UN Sustainable Development Goals. The nexus between water and ecology is essential to sustainability, economic and environmental development and therefore well-being for all of humanity. The ever growing demand for higher living standards and the concurrent environmental changes – in particular climate change – require a forward looking and transdisciplinary approach to the management of water resources and environmental resources in general. In particular, an innovative approach to adaptation to climate change is needed to close the gap between climate change scenarios, policy making and the technical design of adaptation strategies.

DEADLINE

22 May 2022

LEVEL

Up and coming researchers
and professionals

LOCATION

Bologna (Italy)

REGISTRATION FEE

400 euros

THE PROGRAM

The main purpose of the course is (a) to provide an overview of the impact of climate change on water resources, water related hazards, land and forestry management; (b) to set the basis for the technical design of climate change adaptation strategies; (c) to highlight research questions and promote research activity on future water and land management with a technical and action-oriented approach.

LEARNING

OBJECTIVES

The course is designed to provide advanced educational and scientific concepts on:

- transdisciplinary assessment of climate change impacts on water resources, land and society;
- strategies and methodologies to mitigate climate change impacts on water resources and water induced hazards;
- technical design and policy making for climate change adaptation;
- accounting for climate change in technical design, uncertainty assessment and responsibilities.

FERS is
coordinated by



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With the financial
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