



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

DIPARTIMENTO
DI FISICA E ASTRONOMIA
"AUGUSTO RIGHI"

International Summer School

Nature-based solutions for hydro-meteo hazards and climate change adaptation

22 JULY - 26 JULY 2024

📍 Aula Magna, Department of Physics and Astronomy, University of Bologna,
Via Irnerio 46, 40126 Bologna, Italy

Overview

The summer school aims to demonstrate the potential of innovative Nature-based Solutions (NBS) to mitigate the impact of various hydro-meteorological hazards (flooding, erosion, landslides, droughts, etc.) in diverse rural settings, based on the experience gained in several case study sites established within recent EU-funded projects (OPERANDUM, LAND4CLIMATE and ALBATROSS).

The summer school is a EU Green Week Partner Event 2024.

[🔗 More information](#)

School Highlights

Lectures

The course will provide students with a knowledge basis on the application of NBS to mitigate hydro-meteo risks

Group Work

Participants will take part in independent group projects applied to different case sites

Showcase Event at Lido di Volano


Participants will get the opportunity of visiting one of the EU Open-Air Laboratories: the Volano Beach

Registration

Candidates are invited to check the eligibility criteria before applying. **Deadline for registration: 10/05/2024**

[🔗 Eligibility criteria](#)

[🔗 Link to registration form](#)

 This summer school has received funding from the European Union's Horizon 2020 and Horizon Europe research and innovation programme under grand agreement 776848, 101137895, 101112781

Lecturers

Silvana Di Sabatino - Professor, Department of Physics and Astronomy, University of Bologna (**Coordinator of the school**)

Irina Pavlova - Associate Programme Specialist, UNESCO's Division of Ecological and Earth Sciences (**Co-Coordinator of the school**)

Stefan Greiving - Professor, Department of Spatial Planning, University of Dortmund

Laura Sandra Leo - Senior Assistant Professor, Department of Physics and Astronomy, University of Bologna

Massimo Menenti - Professor, Department of Geoscience and Remote Sensing, Delft University of Technology

Fabrice Renaud - Professor in Environmental Risk/Community Resilience, University of Glasgow

Thomas Hartmann - Professor, Department of Spatial Planning, University of Dortmund

Heikki Tuomenvirta - Senior Research Scientist, Head of group Seasonal and Climate Applications, Finnish Meteorological Institute

Beatrice Pulvirenti - Associate Professor, Department of Industrial Engineering, University of Bologna

Federico Porcù - Associate Professor, Department of Physics and Astronomy, University of Bologna

Paolo Ruggieri - Junior Assistant Professor, Department of Physics and Astronomy, University of Bologna

Francesco Barbano - Junior Assistant Professor, Department of Physics and Astronomy, University of Bologna

Teresa Carlone - Junior Assistant Professor, Department of Sociology and Economic Law, University of Bologna

Fabrizio Tavaroli - Sustainability Manager at RINA Consulting

Milan Kalas - Freelance consultant, European Commission/ Copernicus EMS EFAS/GloFAS/GFM and CEO @KAJO

Albert Sorolla - Technical Director at Naturalea

Contact information

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