



#### **International Summer School**







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

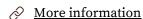
22 JULY - 26 JULY 2024

• 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-founded projects (OPERANDUM, LAND4CLIMATE and ALBATROSS).

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



## **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

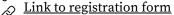
#### Showcase Event at Lido di Volano

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** 







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, EuropeanCommission/
Copernicus EMS EFAS/GloFAS/GFM and CEO @KAjO
Albert Sorolla - Technical Director at Naturalea

## **Contact information**

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