



Education in categorization and identification of temporary rivers to fight climate change

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Co-funded by
the European Union

Partners:



**Politecnico
di Torino**
Department of Environment,
Land and Infrastructure
Engineering



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1. About the project

The RIVERTEMP project (2022-1-IT02-KA220-HED-000086223) has been co-funded by the Erasmus+ program of the European Commission and will be active from 2022 until 2025.

The project aims to:

- Design and develop educational activities and training materials focused on Temporary Rivers (TRs);
- Design and develop open-access, easy-to-use IT tools based on satellite imagery analysis for the identification and categorisation of TRs;
- Build-up an open-access GIS repository to share TRs mapping over space and time and quantify the dynamics of flow intermittency across river networks.

2.

Second transnational meeting



The second transnational meeting of the **Rivertemp project** took place in Salerno from the 10th to the 11th of October 2023. The meeting was hosted by the Università degli Studi di Salerno and counted with the attendance of all project partners.

During the first day of the meeting, participants review the best practices report together and no changes on the contents were introduced.

The main discussions during this meeting revolved around the main outcomes that are being produced, named the Training curriculum and the training materials.

Partners introduced small changes on the structure of the course to be developed and agreed on the distribution of coordinators for each training module. Femxa presented a template for the creation of online modules, so both activities will run and parallel and partners will work more efficiently.

During the second part of the meeting, the discussions were about the IT tool for the identification of temporary rivers. Draxis presented the tool's demo, and all partners had the chance to make suggestions about possible implementations to improve tool capacity and possible enhancements for a more user-friendly interface and functionalities for future users.

The second day of the meeting was to discuss administrative procedures regarding the first report of the project and upcoming financial reports to be presented in 2024.

The meeting finalized with a field trip to the Mingardo River and to the Oasi WWF Grotte del Bussento.

3.

Field trip for the identification of Temporary Rivers



The transnational meeting finalized with a field trip through Campania region to visit different rivers and get to know the diversity of the region.

The first stop was the Oasi WWF Grotte del Bussento, that is a WWF protected area since 1985. Partners had the chance to visit the Grotte del Bussento and the oasis, with a guide that explained the particularities of this protected area and how the restoration of the old mill trails were made. Participants had the chance to also visit the lichen forest and the old mill.

The second part of the field trip was allocated to visit some temporary sections of the Mingardo river. This river has been studied by researchers of the Università degli Studi di Salerno and will be included as a study case on the Rivertemp training materials. The river was in a ponding condition, providing us with the opportunity to observe that, despite the absence of continuous longitudinal river flow, the water still hosted a thriving fish population. This served as a poignant reminder of the significant role played by the Rivertemp project in protecting and safeguarding river ecosystems.





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