



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

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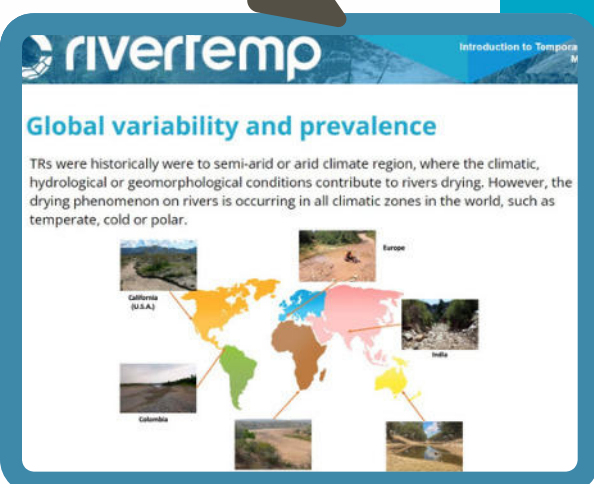
## What's new?

The Rivertemp team is working on the **training materials and curricula**.

We can confirm that it is almost finished. These are the content modules that will be accessible during the piloting phase of the project.

- MODULE 1: Introduction to temporary rivers and flow intermittency
- MODULE 2: Working with satellite images
- MODULE 3: Classification of hydrological conditions
- MODULE 4: A web classifier for temporary rivers
- MODULE 5: Time series analysis and hydrological modeling
- MODULE 6: Field trip activity
- MODULE 7: Workshop on satellite imagery analysis

All the educational content is ready to be virtualized and uploaded to the open **MOOC platform** in the next stage of the project.





## The IT Tool

As one of the main innovation, the Rivertemp project will provide an IT tool for a quick and efficient identification and categorization of temporary rivers.

The aim is to generate a GIS-based repository of river reaches classified from satellite images, with a virtuous implementation of

**“Temporary Rivers crowd mapping”**. This will allow to collect useful spatially explicit data on the flow intermittence for a variety of rivers worldwide.

The implementation of the IT tool for temporary rivers identification and categorization in the university student curriculum can enrich the knowledge on the assessment of future changes in flow intermittency and in water resources availability.

The IT tool is currently under refining and will be soon available for the pilot stage.

## TPM in Chania (Crete)



The **third meeting of Rivertemp project took place in Chania** from the 11th to the 13th of September. The Technical University of Crete, hosted the meeting of the project that counted with the participation of all partners of the project.

During the first day of the meeting participants had the opportunity to had an overview of the project progress and the roadmap, and addressed the key aspects of the development of the WP3 and WP4 (Training curricula and IT tool).

During the second day, the attendees discussed the pilot, which will be developed in WP5, and took decisions to implement the Hacakthon.

A field trip was organised on the last day. In that occasion the participants visited the Kolliaris and Keritis rivers, having the opportunity to take some measurements in the field.



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