

Organisation of 3 Training School on IRES hydrology, biogeochemistry, ecology and modelling

Training School. A Training School on the ecohydrology of IRES

Location. Val Roseg, Switzerland

Dates. 15-20 September 2019

Trainers. Chris Robinson, Amael Paillex, Eric Sauquet, Iija van Meerveld, Michael Doering, Rachel Stubbington

Description. In the Val Roseg valley in the Swiss Alps, cutting-edge field, lab and analytical methods enabled us to study how environmental variability shapes aquatic-terrestrial biodiversity in dynamic rivers.

Training School. Training school on Economics of Sustainable Water Management of Intermittent Rivers and Ephemeral Streams

Location. Athens, Greece

Dates. 4-6 February 2018

Trainers. The course was coordinated by Prof. Phoebe Koundouri

Description. This SMIRES training course explored the Economics of Sustainable Water Management of Intermittent Rivers and Ephemeral Streams in accordance to the Water Framework Directive (WFD), the Millennium Ecosystems Assessment (MEA) and Sustainable Development Goals of the UN Agenda 2030. It was held under the auspices of the UN SDSN Greece (www.unsdsn.gr) and drew on practical examples from the water-related projects of ICRE8 (www.icre8.eu) and EIT-Climate KIC Greece (<https://www.climate-kic.org/countries/greece/>). Participants were able to understand in depth the economics of IRES management and implications for sustainable development with the help of the lecturers and application to case studies.

Training School. Biogeochemistry in intermittent streams: techniques and concepts

Location. Caldes de Malavella, Girona, Spain

Dates. 25-29 September 2017

Trainers. Susana Bernal, Arnaud Foulquier, Rafael Marcé, Eugènia Martí, Clara Mendoza-Lera, Biel Obrador, Anna M. Romani, Gabriel Singer, Daniel von Schiller.

Description. This Training School focused on biogeochemistry in intermittent streams, with strong emphasis on state-of-the-art field and lab techniques tailored to the study of the dry phases of these ecosystems. This 5-day hands-on event covered a wide range of techniques including: measurement of gas emissions in situ; physics of substrates; organic matter characterization; enzymatic activities; nitrification/denitrification; estimation of metabolic rates.