

Photo courtesy of M. Koschorreck

# 2017 COST SMIRES TRAINING SCHOOL

25-29 September 2017  
CALDES DE MALAVELLA  
GIRONA, SPAIN

## Biogeochemistry in intermittent streams: techniques and concepts

COST Action CA15113

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The COST Action **SMIRES: Science and Management of Intermittent Rivers and Ephemeral Streams** organizes its first Training School (TS) 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.

### Description

This 5-days **hands-on TS** covers 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

### Trainers

**Susana Bernal**, CEAB-CSIC Blanes  
**Arnaud Foulquier**, Univ. Grenoble Alpes  
**Rafael Marcé**, ICRA Girona  
**Eugènia Martí**, CEAB-CSIC Blanes  
**Clara Mendoza-Lera**, IRSTEA Lyon  
**Biel Obrador**, Univ. Barcelona  
**Anna M. Romani**, Univ. Girona  
**Gabriel Singer**, IGB Berlin  
**Daniel von Schiller**, Univ. Basque Country

*Learn from the experts  
and your peers!*

### Who should attend?

This TS is open to early stage researchers (M.Sc. to Post-Doc level). We seek 15 motivated individuals actively working on the topic and eager to learn new techniques, but also willing to share their own research and potentially contributing contents to the TS.

### Location

The TS will be held at the Castle in Caldes de Malavella, easily reached by train from Girona (20 km) or Barcelona (90 km).



Accommodation will be in the same place.

### How does it work? Is it for free, really?

There are no course fees. Expenses related to travel will be reimbursed (up to 300€) after completion of the TS. Selected participants will pay a deposit for accommodation and meals, but these quantities will also be reimbursed after the TS. So yes, it's for free!

### Pre-registration

If you are interested, prepare a single pdf file containing: a 1 page CV, a motivation statement (200 words), and a description of a potential contribution from your research to the TS (150 words). The selection committee will rank the applications and the best 15 will be invited to join the TS. COST policies on gender balance, early career investigators, and geographical inclusiveness will be supported.

Send this file, before **July 15<sup>th</sup>**, to:

[trainingschool@udg.edu](mailto:trainingschool@udg.edu)



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