

## Job opportunities / grants

→ PhD studentship "Climate-linked microbial interactions in green tide causing seaweed"  
Plymouth Marine Laboratory, UK

Dimethylsulfoniopropionate (DMSP) is one of Earth's most abundant organosulfur molecules and *Ulva* seaweeds, which cause green tides, are prolific DMSP producers. *Ulva* species produce DMSP as an anti-stress compound and can cleave DMSP to liberate the climate-cooling gas dimethylsulfide (DMS), but the precise role of DMSP in *Ulva* is unclear. Furthermore, DMSP released by *Ulva* into the environment has roles in signalling and recruiting beneficial bacteria, which use DMSP as a nutrient and facilitate further DMS production. This project will use multidisciplinary techniques to explore how and why *Ulva* makes and degrades DMSP and to study its interactions with associated bacteria that utilise the DMSP *Ulva* produces.

We require a committed, pro-active, and self-reliant candidate keen to master a wide range of techniques. Experience in some of the key components including chemistry is desirable.

Application deadline: **January 11<sup>th</sup> 2023**

More information [here](#).

→ Postdoc position in freshwater ecology  
Institut d'Ecologia Aquàtica, Universitat de Girona, Spain

A postdoc position is available as part of the project TRANSIT ("Towards the protection and conservation of Iberian rivers: fish as ecological indicators"), supervised by Prof. Emili Garcia-Berthou and in collaboration with Prof. Julian D. Olden and Dr. Johannes Radinger, among others. The candidate will be employed at the University of Girona and be part of the GRECO research group (Institute of Aquatic Ecology).

The general objective of this project is to improve the knowledge of the relationship between hydrological alteration and Iberian freshwater fish in order to support a more sustainable management and biodiversity conservation of Iberian rivers. We will follow our previous work in the Ebro River and recent, established methodology in order to: i) update our available database, with new indicators of hydrologic alteration, water quality variables, species traits and further data; ii) analyze the relationship between fish assemblages and hydrologic alteration with advanced multivariate techniques; and iii) analyze the temporal changes of fish assemblages and environmental factors, with cutting-edge recent techniques such as Multivariate Autoregressive State-Space (MARSS) models.

Application deadline: **November 18<sup>th</sup> 2022**

More information [here](#).

→ PhD and postdoc positions in freshwater biology  
Department of Biological Sciences, University of Alabama, USA



• **Postdoctoral position:**

I am seeking a candidate with modeling experience further develop and apply a new isotope tracer model (IsoTracer) using both new and existing data. The successful applicant will apply the IsoTracer model to existing data from an array of nitrogen stable isotope additions to streams. These additions span natural gradients and experiments where suspected ecosystem drivers (e.g., light and fish) were manipulated. The successful candidate will also be encouraged to further develop this modeling approach to examine coupled carbon and nitrogen flow through lotic food webs using data whole stream additions of isotopically labeled carbon and nitrate. Lastly, the person in this position will work with an NSF-funded research team exploring the trophic transfer of carbon and nitrogen within the microbiome associated with Cladophora in the Eel River of Northern California.

The nature of this position will allow the successful to produce publications quickly (existing data) while also producing data to support future publications. The successful candidate will work with Dr. Thomas to develop a mentoring plan tailored to their professional and personal goals. This position will have ample opportunities to collaborate with undergraduate students, graduate students and other postdocs, build working relationships with various members of Center for Freshwater Studies, and collaborate broadly with several national and international scientists. Responsibilities will include applying and further developing a R-based, inverse modeling approach for quantifying stable isotope flow through aquatic food webs and quantify associated error. This position may be eligible for remote work but residence in Tuscaloosa is strongly preferred.

• **PhD student position:**

I am also looking for 1-2 PhD students to join the Thomas lab. Research directions are flexible, but I am hoping to find 1 person to work on the Cladophora microbiome project in the Eel River. The focus of the second position is flexible but there is a preference for someone interested in working in Streams of the Southeastern US.

For additional information please contact Prof. Steven Thomas ([sathomas16@ua.edu](mailto:sathomas16@ua.edu)).

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→ Freshwater field and laboratory technician  
UK Centre for Ecology & Hydrology, Edinburg, UK



We have an exciting opportunity for a Field and Laboratory Technician to join our freshwater ecology research community. In this role, you will provide field and laboratory support to a wide range of research projects across lakes, rivers, estuaries and their catchments.

You will make an important contribution to our team effort to deliver world class scientific evidence that informs the restoration and sustainable management of freshwaters.

This role comes with the opportunity to be involved in the monitoring and assessment of aquatic ecosystems within the UK and internationally (e.g., Africa and South America), using state-of-the-art equipment.

Application deadline: **18<sup>th</sup> November 2022**

More information [here](#).

## → Call for sabbatical projects

German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig, Germany

Interactions and scientific involvement of iDiv visiting scientists are central mechanisms which contribute to iDiv's mission to be a leading biodiversity research centre. iDiv sabbatical researchers play an important role in contributing to the iDiv mission through their intellectual and social interactions, in which they share their vision, experience and passion for biodiversity research.

Deadline: **25<sup>th</sup> January 2023**

More information [here](#).

## Conferences, workshops and courses

### → First call for the 13th Symposium for European Freshwater Science

Hosted by: Freshwater Biological Association  
18 - 23 June 2023, Newcastle University, UK



SAVE THE DATE! First call for the 13th Symposium for European Freshwater Science, taking place at Newcastle University in the North of England SEFS13 will boast a range of plenary, parallel, special and poster sessions in a fully live format.

Registration is now open here <https://www.sefs13.com/registrations>, and full details of the exciting conference excursions will be added to the website over the next few weeks so watch this space! These excursions will showcase the best of the region's fabulous environment, culture and heritage and are an excellent way to network with your peers. Other networking and training opportunities will be offered via a range of workshops and the gala dinner, which will take place at St James' Park.

### → Primera circular IV Congreso Iberoamericano de Limnología y X Congreso Argentino de Limnología

Organizado por: Asociación Argentina de Limnología  
31 julio - 4 agosto 2023, Ciudad Autónoma de Buenos Aires, Argentina



SAVE THE DATE! El lema del encuentro es Comprender, proteger y recuperar con equidad las aguas del Siglo XXI.

En el marco del evento queremos generar espacios de debate y sesiones innovadoras que promuevan la interacción y la apropiación del congreso por parte de los participantes. Es por ello que abrimos la convocatoria a la presentación de mesas redondas, y sesiones especiales innovadoras de proyección audiovisual, muestras fotográficas, ciencia-arte, y/o activismo científico.

El contacto para cualquier consulta o más información: [CIL.CAL.2023@gmail.com](mailto:CIL.CAL.2023@gmail.com)

CONVOCATORIA PARA BECAS AIL PARA ASISTENCIA AL CONGRESO [AQUÍ](#)

## General stats course being offered by PR statistics:

- **Reproducible and Collaborative Data Analysis with R (RACR01)**  
October 31<sup>st</sup> 2022, Online. [LINK](#)
- **Nonlinear Regression using Generalized Additive Models (GAMR02)**  
November 2<sup>nd</sup> 2022, Online. [LINK](#)
- **Time Series Data Analysis (TSDA02)**  
November 15<sup>th</sup> 2022, Online. [LINK](#)
- **Introduction to generalised linear models using R and Rstudio (IGLM05)**  
November 30<sup>th</sup> 2022, Online. [LINK](#)



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## cE3c Advanced Courses:

- **Production of Science Communication Activities**  
November 21<sup>st</sup> - 25<sup>th</sup> 2022 , Online.  
Deadline for applications 28th October 2022 to send to Cristina Luís ([cm Luis@fc.ul.pt](mailto:cm Luis@fc.ul.pt)).
- **Stable isotopes in Ecology and Environment: a tool to integrate scales and complexity**  
December 12<sup>th</sup> - 16<sup>th</sup> 2022, In person.  
Deadline for applications 18th November 2022 to send to Cristina Máguas ([cmhanson@fc.ul.pt](mailto:cmhanson@fc.ul.pt)).
- **Bioinformatics analysis of biological sequences - from sequence to structure**  
January 9<sup>th</sup> - 13<sup>th</sup> 2023, Online.  
Deadline for applications 9th December 2022.
- **Science and the Media: bringing together scientists, journalists and society**  
January 16<sup>th</sup> - 20<sup>th</sup> 2023, In person.  
Deadline for applications 16th December 2022.



More details on these and other courses (including programs, fees and procedures for application) can be found [here](#).

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## Transmitting Science Courses:

- **Morphological phylogenetics: principles, applications, and techniques**  
November 28<sup>th</sup> - December 9<sup>th</sup> 2022, Online (Spain). [LINK](#)
- **Geometric Morphometrics in R**  
November 21<sup>st</sup> -29<sup>th</sup> 2022, Online (Spain). [LINK](#)
- **Species occurrence data download and cleaning with R**  
November 28<sup>th</sup>-29<sup>th</sup> 2022, Online (Spain). [LINK](#)
- **Environmental variables: how to download and process them with R**  
December 12<sup>th</sup>-13<sup>th</sup> 2022, Online (Spain). [LINK](#)
- **Introduction to Macroevolutionary Analyses Using Phylogenies**  
January 16<sup>th</sup>-20<sup>th</sup> 2023, Online (Spain). [LINK](#)
- **Modelos de Distribución de Especies con Estadística Bayesiana en R**  
January 30<sup>th</sup> - February 3<sup>rd</sup> 2023, Online (Spain). [LINK](#)



Organized by Transmitting Science.  
As SIBECOL members, you benefit of a 20% discount.

# AWARDS

First combined call of research projects for early career researchers (ECR) in 2022 from the Iberian Society of Ecology (SIBECOL), the Spanish Society of Terrestrial Ecology (AEET) and the Iberian Association of Limnology (AIL).

## Research projects SIBECOL: SIBECOL

- **STARTING ECR MODALITY:** Project entitled: Are ephemeral streams early-stage soils or fluvial ecosystems? The role of biocrusts to maintain their functioning. PIs: **Rebeca Arias-Real**, University of Minho - University of Barcelona, (AIL member) and **Pilar Hurtado Aragüés**, MNCN-CSIC, (AEET member).
- **ADVANCED ECR MODALITY:** Project entitled: OLIGOTREND: a large database for anticipating non-linear changes across aquatic ecosystems in response to oligotrophication trends. PIs: **Xavier Benito Granell**, IRTA, (AIL member) and **Camille Minaudo**, University of Barcelona, (AIL member).

## Research projects AEET: aeet

### 1.-Modality "TAKING THE INITIATIVE":

- 1.1- Project entitled: Ecological speciation in plants driven by cascading ecological interactions: an experimental approach. PI: **Ana García Muñoz**, University of Granada, (AEET and SIBECOL member).
- 1.2- Project entitled: ALLWin: studying *Acacia longifolia* Green Waste Compost incorporation on soil microbial communities. PI: **Joana Guedes de Jesus**, University of Lisbon, (SPECO member).

### 2.-Modality "WINNING INDEPENDENCE"

- 2.1- Project entitled: Identifying global hotspots of plant diversity using molecular, trait and ethnobotanical data. PI: **Javier Galán Díaz**, Complutense University of Madrid, (AEET member).
- 2.2.- Project entitled: Is nest predation behind the decline of the Cantabrian capercaillie? (UROCAM). PI: **Pablo Palencia Mayordomo**, Università degli Studi di Torino, (AEET member)
- 2.3.- Project entitled: Urbanization effects on tree-herbivore interactions: linking herbivory, abiotic forcing, and ecosystem services to increase urban forest resilience and sustainability. PI: **Gabriela Quiroga García**, MBG-CSIC, (AEET member).

### 3.-Modality "CONSOLIDATED RESEARCH"

- **Beneficiary Project:** 3.1.- Project entitled: Evolution of the thermal niche and evolutionary rescue potential against climate change of underground biodiversity. PI: **Susana Pallarés Párraga**, University of Seville, (AEET member).

## Research projects AIL: AIL

- The research project **CLICKbaits**: Digital tools to reinvent freshwater fish conservation in a changing world presented by **Janine Pereira da Silva** (AIL member) and **Francisco André da Costa Carvalho** (SPECO member) (Universidade do Minho) has been selected.

All the necessary information and documents to apply for any of the three calls can be found in the following links ([SIBECOL resolution](#); [AEET resolution](#); [AIL resolution](#)).

[Congratulations to all the participants for the high level of the proposals and in particular to the winners!](#)

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