Upcoming Training Opportunities

Big Data in Environmental Biology Training Course

**Date:** Monday 16 - Thursday 19 March 2020

*A four-day postgraduate skills training course* analysing very large environmental and ecological data-sets with advanced multivariate statistics (including big data analysis). This short course aims to provide integrated training for those needing a skillset of statistical approaches for industry-specific applications in ecology and environmental science, relevant to student research and employability needs. Priority will be given to NERC funded PhD students.

Using Drones to Map Habitats

**Date:** Wednesday 25 - Thursday 26 March 2020

**Venue:** UKCEH Lancaster, Lancaster Environment Centre

This two-day course will provide participants with the basic skills needed to take images collected from a UAV platform such as a quad-copter, process the images into a scene suitable for image processing, and generate classified images. You will be talked through all the necessary steps to produce high quality and accurate maps suitable for mapping vegetation and landforms.

**Cost:** Students: £549; Professionals: £649

For further information and to register visit the UKCEH [website](https://www.ukceh.ac.uk). Registration will close on **Wednesday 18 March 2020.**
**Advanced Scripting and Computing Techniques: Become more efficient and productive**

**Date:** Monday 30 March - Saturday 4 April 2020  
**Venue:** University of Manchester  

Would you like to improve your research techniques within the earth, atmospheric and oceanic sciences? Getting bogged down trying to extend your computing experience in tackling big data and cloud computing?  

Some experience with Linux/UNIX systems will be beneficial to get the full value from the course. Priority will be given to NERC funded PhD students.  

**For further information about the course please contact Anja Le Blanc. To apply please contact Julie Samson. Deadline for applications is Sunday 1 March 2020.**

**Digital Field Mapping and Modelling**

**Date:** Monday 30 March - Friday 3 April 2020  
**Venue:** University of Birmingham  

The aim of this course is to enable geosciences graduates to adapt their skills to emerging technologies in electronic/digital field data collection and model building. The focus of the training is on the building, iteration and validation of a subsurface geological model with an emphasis on the use of an accessible and dynamic professional software suite: FieldMOVE app for tablets, FieldMOVE Clino for smartphones and the MOVETM software suite by Petex.  

For further information and to apply, please visit the [Centa website](#).

**Upcoming Events/Workshops**

**Real World Science Engagement Day**

**Date:** Tuesday 10 March  
**Venue:** Nottingham  

Imperial College in collaboration with the [Real World Science Network](https://www.realworldscience.org/) are pleased to announce an engagement day. The aim of the day is to bring together representatives from the museums and our PhD students to map out gaps in RWS climate knowledge, discuss how research links to collections – and therefore how the collections can be used to communicate climate science, and define aims for a future public engagement programme involving DTP students and museums.  

If you wish to attend, please contact [Anne Houston](mailto:anne.houston@imperial.ac.uk).

**NERC Workshop - Sustainable Management of UK Marine Resources**

**Date:** Tuesday 31 March 2020  
**Venue:** Jury's Inn, Cardiff
The workshop will focus on the Sustainable Management of UK Marine Resources (SMMR) research programme. For more information visit the NERC website. Registration for the event is now open here. The deadline to register is 12:00 on Monday 9 March 2020.

Public Engagement and Outreach

Sparkling STEM

Sparkling STEM have developed a workshop to support PhD researchers to develop the confidence, knowledge and skills necessary to conduct effective outreach with school-aged children. Please refer to the attached information sheet for further information.

Sparkling STEM have some availability in March to run this two or three day workshop. Please contact the ACCE DTP Team to express your interest.

Taking Over the World (Museum)

Date: Friday 25 September - Saturday 26 September 2020

To celebrate 25 years of climate change research at the Buxton Climate Impacts Study (BCCIL), we have agreed to install a permanent exhibit about climate change research at the World Museum in Liverpool. To launch the exhibit, we plan to take over the museum for three days to run a diverse programme of public engagement events for school pupils. The museum staff will provide logistical and on-the-ground support, but the activities and demonstrations will be run by researchers, who will receive dedicated training and support to develop activities and deliver the event.

For further information please refer to the attached event/training outline.

Please see the website for more information and more events - https://acce.shef.ac.uk