

NERC 2017/18 and 2018/19 ADVANCED TRAINING SHORT COURSES (ATSC)

Course Date	Course Title	Course Location	Contact Information
April-17	Advanced 'omic analyses in the natural environment: a program of workshops provided by the NERC Biomolecular Analysis Facility (NBAF)	University of Liverpool	Celine Pagnier c.pagnier@sheffield.ac.uk
May-17	Taxonomic skills and field techniques for freshwater ecology and quality	The Natural History Museum	Dr Anne Dorothee Jungblut a.jungblut@nhm.ac.uk
May-17	NCAS Atmospheric Measurement Summer School	Isle of Arran, UK	Louise Whitehouse training@ncas.ac.uk
June-17	Applied Plant Taxonomy, Identification and Field Survey Skills course	University of Leeds University of Cambridge	Dr Gemma Bramley g.bramley@kew.org
June-17	Field Spectroscopy, Fluorescence and Thermal Measurements and Process Modelling for Earth Observations and Environmental Science	Albacete and Las Tiesas experimental farm near Barrax, Spain	Jan Fillingham (NCEO) jan.fillingham@nceo.ac.uk
August-17	Practical use of mini and micro-Unmanned Aerial Vehicles for the Environmental Sciences	Scottish Association for Marine Science (SAMS), Oban, Scotland	Dr Rick Thomas r.thomas@bham.ac.uk and Sara Kinahan s.kinahan@bham.ac.uk
August-17	International Summer School on Global Greenhouse Gases	National Oceanography Centre	Stephan Matthiessen, Stephan.Matthiesen@ed.ac.uk
August-17	Digital field mapping and modelling: adapting to emerging technologies and reducing uncertainty in geological models	University of Birmingham	Dr Carl Stevenson c.t.stevenson@bham.ac.uk
September-17	Freshwater Taxonomy and Field Identification Skills	Freshwater Biological Association Windermere Laboratory, Cumbria	Dr Melanie Fletcher (Freshwater Biological Association) events@fba.org.uk and Prof Genoveva Esteban (Bournemouth University) gesteban@bournemouth.ac.uk
September-17	EPMA for Earth, Environmental and Planetary Sciences	University of Bristol	Dr Stuart Kearns stuart.kearns@bristol.ac.uk
September-17	NCAS Climate Modelling Summer School	University of Cambridge	Louise Whitehouse training@ncas.ac.uk

September-17	Ocean-Colour Data in Climate studies	Plymouth Marine Laboratory	Dr Marie-Fanny Racault mfrt@pml.ac.uk
September-17	Advanced techniques in sediment core logging and data visualisation	National Oceanography Centre	Dr Suzanne MacLachlan s.maclachlan@noc.soton.ac.uk
September-17	Systematic review and meta-analysis for environmental sciences	University of East Anglia	Professor Elena Kulinskaya cmpmth.iso@uea.ac.uk
September-17	Understanding Uncertainty in Environmental Modelling (UUEM)	Royal Society, Carlton House Terrace, London	Jill Beattie, j.p.beattie@lse.ac.uk (admin) and Erica Thompson, e.thompson@lse.ac.uk (content)
September-17	Making Assessments for Policy for Environmental Research Scientists (MAPERS)	University of Leeds	Shona Smith, priestley@leeds.ac.uk
September-17	Dirt Science: An introduction to soil systems	Cranfield University	Dr Jacqueline Hannam j.a.hannam@cranfield.ac.uk
September-17	R and openair training for atmospheric science	University of York	Dr David Carslaw david.carslaw@york.ac.uk
October-17	NCAS-NCAR WRF Courses	University of Durham	Louise Whitehouse training@ncas.ac.uk
October-17	Using research aircraft for atmospheric science	Cranfield University	Professor Neil Harris neil.harris@cranfield.ac.uk Angela Colclough a.colclough@cranfield.ac.uk
October-17	Research Data Management and Manipulation	Marine Biological Association	Matt Arnold matarn@mba.ac.uk
November-17	Natural Flood Risk Management (NFRM)	Cumbria, TBC	Dr Nick Chappell n.chappell@lancaster.ac.uk
December-17	Research Data Management and Manipulation	Marine Biological Association	Matt Arnold matarn@mba.ac.uk
January-18	Stage-based demographic models in ecology, evolution and conservation biology	University of Sheffield	Dr Roberto Salguero-Gomez r.salguero@sheffield.ac.uk
January-18	Feature analysis using ImageJ - What to do with your data?	The Natural History Museum	Dr Farah Ahmed f.ahmed@nhm.ac.uk
January-18	Introduction to palaeoclimate modelling for palaeodata specialists	University of Reading	Dr Joy Singarayer j.s.singarayer@reading.ac.uk

January-18	Techniques and protocols in sediment core description, analysis, data visualisation and interpretation.	National Oceanography Centre	Dr Suzanne MacLachlan s.maclachlan@noc.soton.ac.uk
January-18	Research Data Management and Manipulation	Marine Biological Association	Matt Arnold matarn@mba.ac.uk
January-18	UKCA Theory and Practice: Workshop on Atmospheric Composition Modelling using the UKCA Model	University of Cambridge	Dr Nathan Luke Abraham luke.abraham@atm.ch.cam.ac.uk
February-18	Ocean Gliders: autonomous monitoring of the marine environment	University of East Anglia	Professor Karen J. Heywood k.heywood@uea.ac.uk
February-18	Quaternary Palaeoecology Advanced Training Short Course	The Natural History Museum	Dr Thomas Hill thomas.hill@nhm.ac.uk
February-18	An introductory molecular phylogenetics course: molecular diagnostics for species identification and evolutionary analysis	The Natural History Museum	Course Content: Dr Suzanne Williams s.williams@nhm.ac.uk Administartive: Zane Suikovska z.suikovska@nhm.ac.uk
February-18	Bayesian methods to quantify uncertainty and risk in the Environment	University of Strathclyde	Professor Chris Robertson chris.robertson@strath.ac.uk
February-18	Taxonomy and biostratigraphy of Cenozoic planktonic foraminifera	The Natural History Museum	Dr Stephen Stukins s.stukins@nhm.ac.uk
March-18	NERC Numerical Earth Science Modelling short course	Durham University	Dr Jeroen van Hunen jeroen.van-hunen@durham.ac.uk
March-18	Statistical models for wildlife population assessment and conservation	University of Kent	Dr Rachel Sara McCrear r.s.mccrea@kent.ac.uk
March-18	Role of the Ocean in Weather and Climate - 2017 (OiWC17)	University of Southampton	Professor Robert Marsh rm12@soton.ac.uk
March-18	Insect Taxonomy and Field Sampling Skills	University of Oxford	Dr Jocelyne Hughes jocelyne.hughes@conted.ox.ac.uk
March-18	Genomics and Metabolomics Applied to Environmental Science	University of Birmingham	David Epps at bmtc@contacts.bham.ac.uk
March-18	Raising your game by developing mathematical modelling skills	University of Strathclyde	Dr Douglas C. Speirs, d.c.speirs@strath.ac.uk

March-18	Scaling and design of laboratory experiments to understand environmental flows	Durham University	Dr Edward Llewelin ed.llewelin@durham.ac.uk
March-18	Taxonomic Principles and Tools in Botanical Research	The Natural History Museum	Dr Silvia Pressel s.pressel@nhm.ac.uk
June-18	Freshwater Taxonomy and Field Identification Skills	River Laboratory, Dorset	Dr Melanie Fletcher (Freshwater Biological Association) events@fba.org.uk and Prof Genoveva Esteban (Bournemouth University) gesteban@bournemouth.ac.uk
August-18	Practical use of Unmanned Aerial Vehicles (UAVs) for the Environmental Sciences	University of Birmingham	Dr Rick Thomas r.thomas@bham.ac.uk and Sara Kinahan s.kinahan@bham.ac.uk
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September-18	Dirt Science: An introduction to soil systems	Cranfield University	Dr Jacqueline Hannam j.a.hannam@cranfield.ac.uk
October-17	Multidisciplinary fieldwork and modelling skills for applied geoscience	British Geological Survey, Keyworth (3 days); Milos Island Greece (8 days)	Dr Jonathan Naden jna@bgs.ac.uk
November-18	Natural Flood Risk Management (NFRM)	Cumbria, TBC	Dr Nick Chappell n.chappell@lancaster.ac.Uk
March-19	Advanced 'omic analyses in the natural environment: a program of workshops provided by the NERC Biomolecular Analysis Facility (NBAF)	University of Liverpool	Celine Pagnier c.pagnier@sheffield.ac.uk