

NERC 2015/16 Advanced Training Short Courses

Date	Course	Contact information
May - December 2015	Advanced omic analyses in the natural environment	Steve Paterson CGR.Enquiries@liverpool.ac.uk
June 2015	Field Spectroscopy, Airborne Optical Imaging and Process Modelling for Environmental Science	Alasdair Mac Arthur Alasdair.macarthur@ed.ac.uk
July 2015	Taxonomic skills and field techniques for rocky intertidal ecology	Nova Mieszkowska nova@mba.ac.uk
August 2015	Freshwater Bio-assessment and its Application in Catchment Management	Nigel Willby Njw1@stir.ac.uk
August 2015 – February 2016	Environmental Statistics and Data analytics training courses and advanced workshops	Marian Scott Marian.scott@glasgow.ac.uk
August 2015	NCAS Atmospheric Field Measurement Summer School	Louise Whitehouse Louise.whitehouse@ncas.ac.uk
August 2015	Systematic review and meta-analysis for environmental sciences	Elena Kulinskaya e.kulinskaya@uea.ac.uk
August 2015	Practical use of Unmanned Aerial Vehicles (UAVs) for the Environmental Sciences	Rick Thomas R.thomas@bham.ac.uk
August 2015	A skills framework for delivering safe and effective fieldwork in the polar regions	J Alistair Crame jacr@bas.ac.uk
September 2015	Scientific diving: In situ marine field identification and survey skills	William Sanderson w.g.sanderson@hw.ac.uk
September 2015	Applied Plant Taxonomy, Identification and Field Survey Skills	Gemma Bramley g.bramley@kew.org
September 2015	Data Analysis with R Statistical Software	Robert Thomas ThomasRJ@cardiff.ac.uk
September 2015	Further beyond the code: developing software craftsmanship for environmental scientists (Univ of Leeds) http://homepages.see.leeds.ac.uk/~earawa/atsc.html	Andrew Walker a.walker@leeds.ac.uk

Autumn 2015	NCAS Training for the Unified Model	Grenville Lister g.m.s.lister@reading.ac.uk
November 2015	Quaternary Palaeoecology Advanced Training Short Course	Thomas Hill Thomas.Hill@nhm.ac.uk
November/ December 2015	Further beyond the code: developing software craftsmanship for environmental scientists (Univ of Bristol) http://homepages.see.leeds.ac.uk/~earawa/atsc.html	Andrew Walker a.walker@leeds.ac.uk
December 2015	Scientific diving: Current and emerging techniques and technologies	Martin Sayer Martin.sayer@sams.ac.uk
January 2016	Scientific diving: Current and emerging techniques and technologies	Martin Sayer Martin.sayer@sams.ac.uk
January 2016	Advanced environmental data analysis using GIS	Stuart Barr Stuart.barr@newcastle.ac.uk
January 2016	Extreme Flood Events: Forecasting, Modelling and Response	Nick A Chappell n.chappell@lancaster.ac.uk
January 2016	UKCA Theory and Practice: Workshop on Atmospheric Composition Modelling using the UKCA Model	Nathan Luke Abraham Luke.abraham@atm.ch.cam.ac.uk
January 2016	Predictive models and programming skills using agent-based models	Richard Stafford rstafford@bournemouth.ac.uk
January 2016	Sampling the environment: design and analysis for efficient and robust collection of data.	Richard Murray Lark mlark@bgs.ac.uk
January/ February 2016	Further beyond the code: developing software craftsmanship for environmental scientists (Univ of Leeds) http://homepages.see.leeds.ac.uk/~earawa/atsc.html	Andrew Walker a.walker@leeds.ac.uk
February 2016	An introductory molecular phylogenetics course: molecular diagnostics for species identification and evolutionary analysis	Suzanne Williams s.williams@nhm.ac.uk

8 – 12 February 2016	Modelling structure and dynamics in complex networks - mathematical modelling and statistics for NERC doctoral students. Apply at: www.mathstat.strath.ac.uk/outreach/cpd/index.php	Michael Heath m.heath@strath.ac.uk
22-26 February 2016	Bayesian methods to fit statistical models in environmental science - mathematical modelling and statistics for NERC doctoral students. Apply at: www.mathstat.strath.ac.uk/outreach/cpd/index.php	Michael Heath m.heath@strath.ac.uk
February 2016	Introduction to mathematical modelling for the environmental and biological sciences	Andrew Hoyle ash@cs.stir.ac.uk
February 2016	Introduction to palaeoclimate modelling for palaeodata specialists	Joy Singarayer j.s.singarayer@reading.ac.uk
Spring 2016	NCAS Training for the Unified Model	Grenville Lister g.m.s.lister@reading.ac.uk
7-11 March 2016	Dynamical systems in environmental science: Build your own models in R - mathematical modelling and statistics for NERC doctoral students. Apply at: www.mathstat.strath.ac.uk/outreach/cpd/index.php	Michael Heath m.heath@strath.ac.uk
March 2016	Taxonomic principles and tools in botanical research	Mark Carine markc@nhm.ac.uk
March 2016	NERC Numerical Earth Science Modelling short course	Jeroen van Hunen Jeroen.van-hunen@durham.ac.uk
March 2016	Environmental Genomics and Metabolomics (ENIGMA)	John Colbourne j.k.colbourne@bham.ac.uk
