Dealing with Data

Obtaining, creating and analysing data for postgraduate research

SCOPE

Landscape ecology is the study of interactions, across space and time, between the structure and function of physical, biological and cultural components of landscapes. Scientific research plays a key role in guiding effective management and conservation at the practical level and for future Governmental legislation and policy.

This workshop provides an opportunity for those engaged in postgraduate research to explore the types of data which are available to them and to be introduced to statistical techniques commonly used when analysing landscape, ecological and cultural data.

The workshop will involve interactive discussions and focus on the needs / requests of participants.

DATES AND FEES

Date: 13th and 14th May 2013
Location: University of Reading
Fee*: £30 (ialeUK members)
£80 (non-members)

*Includes: Course, tea & coffee, 2x lunch, 1x dinner.

It is possible to apply for funding to help with travel & accommodation costs at http://iale.org.uk/students

PROGRAMME OUTLINE

Mon 13th – Obtaining Data for Research
Geoff Griffiths & Andrew Mead

am: Introduction to secondary data sources
- Obtaining online data
- Statistical issues with using these data

pm: Collecting primary data from the field
- 'Sampling design' with statistics in mind
- Practical session in the field (weather permitting)

Tues 14th – Statistical Analysis of Data
Andrew Mead

- Introduction to popular techniques e.g. multivariate analysis, correspondence analysis
- A look at some commonly used statistical packages including SPSS, 'R' and Canoco.
- The chance to seek expert advice and help for analysing your own data.

INFORMATION AND REGISTRATION

Further Details: More detailed information can be found online at http://iale.org.uk/students

Target Group: PhD & MSc students studying landscape ecology or similar*
*ecology, geography, biology, archaeology etc.

Registration: To register your interest, find out more, or book a place please email students@iale.org.uk