

# DUMF 2024 research methods for Environmental Scientists

View Online



Reading list with suggested and essential text for the course. There are also a number of online resources to use.

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Cherrill, Andrew, and Colin McClean. 1999. 'Between-Observer Variation in the Application of a Standard Method of Habitat Mapping by Environmental Consultants in the UK'. *Journal of Applied Ecology* 36(6):989-1008. doi:10.1046/j.1365-2664.1999.00458.x.

Cherrill, Andrew, and Colin McClean. 1999. 'The Reliability of "Phase 1" Habitat Mapping in the UK: The Extent and Types of Observer Bias'. *Landscape and Urban Planning* 45(2-3):131-43. doi:10.1016/S0169-2046(99)00027-4.

Crawley, Michael J. and Ebooks Corporation Limited. 2013. *The R Book*. Second edition. Chichester, West Sussex: John Wiley & Sons, Ltd.

Field Guide purchase. n.d.  
[http://rbg-web2.rbge.org.uk/bbs/Activities/Field\\_Guide\\_order.htm](http://rbg-web2.rbge.org.uk/bbs/Activities/Field_Guide_order.htm).

Handbook for Phase 1 habitat survey - a technique for environmental audit. n.d.  
<http://jncc.defra.gov.uk/page-2468>.

Handbook for Phase 1 habitat survey - pub10\_handbookforphase1habitatsurvey.pdf. n.d.  
Harris, Richard, and Claire Jarvis. 2011a. *Statistics in Geography and Environmental Science*. Harlow: Prentice Hall.

Harris, Richard, and Claire Jarvis. 2011b. *Statistics in Geography and Environmental Science*. Harlow: Prentice Hall.

Heywood, D. Ian, Sarah Cornelius, and Steve Carver. 2011. *An Introduction to Geographical Information Systems*. 4th edn. Harlow: Prentice Hall.

Holden, Joseph and Dawson Books. 2012. *An Introduction to Physical Geography and the Environment*. 3rd ed. Harlow, Essex: Pearson.

Introduction to GIS (Geographic Information Systems). 2012.

Introduction to Surveying OTEN. 29 AD.

Introductory Statistics - Chapter 1: Introduction. 2008.

Introductory Statistics - Chapter 2: Presenting data. 14 AD.

Introductory Statistics - Chapter 3: Measuring data. 14 AD.

Jones, Allan. 2000. Practical Skills in Environmental Science. Harlow, Essex: Prentice Hall.  
Kirkconnell Flow - Management Story. n.d.  
<http://www.snh.gov.uk/publications-data-and-research/publications/search-the-catalogue/publication-detail/?id=1615>.

Ordnance Survey Blog Map reading skills: learn how to use grid references - Ordnance Survey Blog. n.d.  
<https://getoutside.ordnancesurvey.co.uk/guides/beginners-guides-map-reading/>.

Phase one habitat pencils. n.d.  
[https://blog.nhbs.com/wildlife\\_equipment/berol-verithin-coloured-pencils-for-phase-1-habitat-surveys/](https://blog.nhbs.com/wildlife_equipment/berol-verithin-coloured-pencils-for-phase-1-habitat-surveys/).

R: The R Project for Statistical Computing. n.d. <https://www.r-project.org/>.

Russian coring on the Subantarctic Islands. 2014.

Rydin, Håkan, J. K. Jeglum, and Keith D. Bennett. 2013. The Biology of Peatlands. Vol. The biology of habitats series. 2nd ed. Oxford: Oxford University Press.

sample average and standard deviation.mp4. 2 AD.

Sphagnum mosses in bogs - FSC. n.d.  
<http://www.field-studies-council.org/publications/pubs/sphagnum-mosses-in-bogs.aspx>.

Statistics: Sample vs. Population Mean. 19 AD.

Stevens, J. P., T. H. Blackstock, E. A. Howe, and D. P. Stevens. 2004. 'Repeatability of Phase 1 Habitat Survey'. *Journal of Environmental Management* 73(1):53-59.  
doi:10.1016/j.jenvman.2004.05.009.

Weil, Ray R., and Nyle C. Brady. 2017. The Nature and Properties of Soils. Fifteenth edition. Harlow, Essex: Pearson Education Limited.