

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.

[1]

Cherrill, A. and McClean, C. 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 (Dec. 1999), 989–1008.
<https://doi.org/10.1046/j.1365-2664.1999.00458.x>.

[2]

Cherrill, A. and McClean, C. 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 (Oct. 1999), 131–143. [https://doi.org/10.1016/S0169-2046\(99\)00027-4](https://doi.org/10.1016/S0169-2046(99)00027-4).

[3]

Crawley, M.J. and Ebooks Corporation Limited 2013. *The R book*. John Wiley & Sons, Ltd.

[4]

Field Guide purchase: http://rbg-web2.rbge.org.uk/bbs/Activities/Field_Guide_order.htm.

[5]

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

[6]

Harris, R. and Jarvis, C. 2011. Statistics in geography and environmental science. Prentice Hall.

[7]

Harris, R. and Jarvis, C. 2011. Statistics in geography and environmental science. Prentice Hall.

[8]

Heywood, D.I. et al. 2011. An introduction to geographical information systems. Prentice Hall.

[9]

Holden, J. and Dawson Books 2012. An introduction to physical geography and the environment. Pearson.

[10]

Jones, A. 2000. Practical skills in environmental science. Prentice Hall.

[11]

Kirkconnell Flow - Management Story:
<http://www.snh.gov.uk/publications-data-and-research/publications/search-the-catalogue/publication-detail/?id=1615>.

[12]

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

[13]

Phase one habitat pencils:

https://blog.nhbs.com/wildlife_equipment/berol-verithin-coloured-pencils-for-phase-1-habitat-surveys/.

[14]

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

[15]

Rydin, H. et al. 2013. The biology of peatlands. Oxford University Press.

[16]

Sphagnum mosses in bogs - FSC:

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

[17]

Stevens, J.P. et al. 2004. Repeatability of Phase 1 habitat survey. *Journal of Environmental Management*. 73, 1 (Oct. 2004), 53–59. <https://doi.org/10.1016/j.jenvman.2004.05.009>.

[18]

Weil, R.R. and Brady, N.C. 2017. The nature and properties of soils. Pearson Education Limited.

[19]

Handbook for Phase 1 habitat survey - [pub10_handbookforphase1habitatsurvey.pdf](#).

[20]

2012. Introduction to GIS (Geographic Information Systems).

[21]

29 AD. Introduction to Surveying OTEN.

[22]

2008. Introductory Statistics - Chapter 1: Introduction.

[23]

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

[24]

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

[25]

2014. Russian coring on the Subantarctic Islands.

[26]

2 AD. sample average and standard deviation.mp4.

[27]

19 AD. Statistics: Sample vs. Population Mean.