

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.
Jones, A. Practical Skills in Environmental Science. (Prentice Hall, Harlow, Essex, 2000).
2.
Introduction to Surveying OTEN. (29 AD).
3.
Holden, J. & Dawson Books. An Introduction to Physical Geography and the Environment. (Pearson, Harlow, Essex, 2012).
4.
Weil, R. R. & Brady, N. C. The Nature and Properties of Soils. (Pearson Education Limited, Harlow, Essex, 2017).
5.
Stevens, J. P., Blackstock, T. H., Howe, E. A. & Stevens, D. P. Repeatability of Phase 1 habitat survey. *Journal of Environmental Management* **73**, 53–59 (2004).
6.
Cherrill, A. & Mcclean, C. Between-observer variation in the application of a standard method of habitat mapping by environmental consultants in the UK. *Journal of Applied Ecology* **36**, 989–1008 (1999).

7.

Cherrill, A. & McClean, C. The reliability of 'Phase 1' habitat mapping in the UK: the extent and types of observer bias. *Landscape and Urban Planning* **45**, 131–143 (1999).

8.

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/>.

9.

Handbook for Phase 1 habitat survey - a technique for environmental audit.

<http://jncc.defra.gov.uk/page-2468>.

10.

Handbook for Phase 1 habitat survey - pub10_handbookforphase1habitatsurvey.pdf.

11.

Phase one habitat pencils.

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

12.

Kirkconnell Flow - Management Story.

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

13.

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

14.

Rydin, H., Jeglum, J. K. & Bennett, K. D. The Biology of Peatlands. vol. The biology of habitats series (Oxford University Press, Oxford, 2013).

15.

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

16.

Russian coring on the Subantarctic Islands. (2014).

17.

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

18.

Crawley, M. J. & Ebooks Corporation Limited. The R Book. (John Wiley & Sons, Ltd, Chichester, West Sussex, 2013).

19.

Harris, R. & Jarvis, C. Statistics in Geography and Environmental Science. (Prentice Hall, Harlow, 2011).

20.

Harris, R. & Jarvis, C. Statistics in Geography and Environmental Science. (Prentice Hall, Harlow, 2011).

21.

Introductory Statistics - Chapter 1: Introduction. (2008).

22.

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

23.

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

24.

sample average and standard deviation.mp4. (2 AD).

25.

Statistics: Sample vs. Population Mean. (19 AD).

26.

Heywood, D. I., Cornelius, S. & Carver, S. An Introduction to Geographical Information Systems. (Prentice Hall, Harlow, 2011).

27.

Introduction to GIS (Geographic Information Systems). (2012).