

# 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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1

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

2

Introduction to Surveying OTEN. 29 AD.

3

Holden J, Dawson Books. An introduction to physical geography and the environment. 3rd ed. Harlow, Essex: Pearson 2012.

4

Weil RR, Brady NC. The nature and properties of soils. Fifteenth edition. Harlow, Essex: Pearson Education Limited 2017.

5

Stevens JP, Blackstock TH, Howe EA, et al. Repeatability of Phase 1 habitat survey. Journal of Environmental Management. 2004;73:53–9. doi: 10.1016/j.jenvman.2004.05.009

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. 1999;36:989–1008. doi: 10.1046/j.1365-2664.1999.00458.x

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*. 1999;45:131-43. doi: 10.1016/S0169-2046(99)00027-4

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>

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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/](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](http://rbg-web2.rbge.org.uk/bbs/Activities/Field_Guide_order.htm)

14

Rydin H, Jeglum JK, Bennett KD. The biology of peatlands. 2nd ed. Oxford: Oxford University Press 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 MJ, Ebooks Corporation Limited. The R book. Second edition. Chichester, West Sussex: John Wiley & Sons, Ltd 2013.

19

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

20

Harris R, Jarvis C. Statistics in geography and environmental science. Harlow: Prentice Hall 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 DI, Cornelius S, Carver S. An introduction to geographical information systems.  
4th edn. Harlow: Prentice Hall 2011.

27

Introduction to GIS (Geographic Information Systems). 2012.