

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; 2000.
https://uws-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=44PAI_ALMA2121660630003931&context=L&vid=44PAI_V1&search_scope=default_scope&tab=default_tab□=en_US□=en_US□=en_US

2.

Introduction to Surveying OTEN. Published online 29 AD.
<https://www.youtube.com/watch?v=j8poe2vvD2Q>

3.

Holden J, Dawson Books. An Introduction to Physical Geography and the Environment. 3rd ed. Pearson; 2012.
<https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=9780273740872>

4.

Weil RR, Brady NC. The Nature and Properties of Soils. Fifteenth edition. Pearson Education Limited; 2017. <https://ebookcentral.proquest.com/lib/gla/detail.action?docID=5186149>

5.

Stevens JP, Blackstock TH, Howe EA, Stevens DP. Repeatability of Phase 1 habitat survey. Journal of Environmental Management. 2004;73(1):53-59.
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(6):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(2-3):131-143. 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>

10.

Handbook for Phase 1 habitat survey - pub10_handbookforphase1habitatsurvey.pdf.
<http://data.jncc.gov.uk/data/9578d07b-e018-4c66-9c1b-47110f14df2a/Handbook-Phase1-HabitatSurvey-Revised-2016.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 JK, Bennett KD. The Biology of Peatlands. Vol The biology of habitats series. 2nd ed. Oxford University Press; 2013.

<http://libcat.uhi.ac.uk/record=b1771381~S26>

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. Published online 10 December 2014.

<https://www.youtube.com/watch?v=oBmurwyRkkU>

17.

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

18.

Crawley MJ, Ebooks Corporation Limited. The R Book. Second edition. John Wiley & Sons, Ltd; 2013. <https://ebookcentral.proquest.com/lib/gla/detail.action?docID=1120574>

19.

Harris R, Jarvis C. Statistics in Geography and Environmental Science. Prentice Hall; 2011.

https://uws-primo.hosted.exlibrisgroup.com/permalink/f/1a10t95/44PAI_ALMA2137005960003931

20.

Harris R, Jarvis C. Statistics in Geography and Environmental Science. Prentice Hall; 2011.
https://uws-primo.hosted.exlibrisgroup.com/permalink/f/1a10t95/44PAI_ALMA2137005960003931

21.

Introductory Statistics - Chapter 1: Introduction. Published online 19 December 2008.
https://www.youtube.com/watch?v=YHXadaW_Iso

22.

Introductory Statistics - Chapter 2: Presenting data. Published online 14 AD.
<https://www.youtube.com/watch?v=qKPhtBlSyIY&feature=related>

23.

Introductory Statistics - Chapter 3: Measuring data. Published online 14 AD.
<https://www.youtube.com/watch?v=NlhU9HB1NwM&feature=related>

24.

sample average and standard deviation.mp4. Published online 2 AD.
<https://www.youtube.com/watch?v=w-eZe-sIZho>

25.

Statistics: Sample vs. Population Mean. Published online 19 AD.
https://www.youtube.com/watch?v=hsPCte_PcVA

26.

Heywood DI, Cornelius S, Carver S. An Introduction to Geographical Information Systems. 4th edn. Prentice Hall; 2011.
https://uws-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=44PAI_ALMA2122287430003931&context=L&vid=44PAI_V1&search_scope=default_scope

e&tab=default_tab[]=en_US[]=en_US[]=en_US[]=en_US[]=en_US

27.

Introduction to GIS (Geographic Information Systems). Published online 30 December 2012. <https://www.youtube.com/watch?v=bLnJpkqjlwo>