

DUMF 2024 research methods for Environmental Scientists

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

Cherrill, Andrew, and Colin McClean. '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 (1999): 989–1008. Web.

Cherrill, Andrew, and Colin McClean. 'The Reliability of "Phase 1" Habitat Mapping in the UK: The Extent and Types of Observer Bias'. *Landscape and Urban Planning* 45.2–3 (1999): 131–143. Web.

Crawley, Michael J. and Ebooks Corporation Limited. *The R Book*. Second edition. Chichester, West Sussex: John Wiley & Sons, Ltd, 2013. Web.
<<https://ebookcentral.proquest.com/lib/gla/detail.action?docID=1120574>>.

'Field Guide Purchase'. N.p., n.d. Web.
<http://rbg-web2.rbge.org.uk/bbs/Activities/Field_Guide_order.htm>.

'Handbook for Phase 1 Habitat Survey - a Technique for Environmental Audit.' N.p., n.d. Web. <<http://jncc.defra.gov.uk/page-2468>>.

'Handbook for Phase 1 Habitat Survey - Pub10_handbookforphase1habitatsurvey.Pdf'. Web.
<<http://data.jncc.gov.uk/data/9578d07b-e018-4c66-9c1b-47110f14df2a/Handbook-Phase1-HabitatSurvey-Revised-2016.pdf>>.

Harris, Richard, and Claire Jarvis. *Statistics in Geography and Environmental Science*. Harlow: Prentice Hall, 2011. Web.
<https://uws-primo.hosted.exlibrisgroup.com/permalink/f/1a10t95/44PAI_ALMA2137005960003931>.

---. *Statistics in Geography and Environmental Science*. Harlow: Prentice Hall, 2011. Web.
<https://uws-primo.hosted.exlibrisgroup.com/permalink/f/1a10t95/44PAI_ALMA2137005960003931>.

Heywood, D. Ian, Sarah Cornelius, and Steve Carver. *An Introduction to Geographical Information Systems*. 4th ed. Harlow: Prentice Hall, 2011. Web.
<https://uws-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=44PAI_ALMA2122287430003931&context=L&vid=44PAI_V1&search_scope=default_scope&tab=default_tab=en_US=en_US=en_US=en_US=en_US>.

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

- <<https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=9780273740872>>.
- 'Introduction to GIS (Geographic Information Systems)'. 30 Dec. 2012. Web.
<<https://www.youtube.com/watch?v=bLnJpkqjlwo>>.
- 'Introduction to Surveying OTEN'. 29 AD. Web.
<<https://www.youtube.com/watch?v=j8poe2vvD2Q>>.
- 'Introductory Statistics - Chapter 1: Introduction'. 19 Dec. 2008. Web.
<https://www.youtube.com/watch?v=YHXadaW_lso>.
- 'Introductory Statistics - Chapter 2: Presenting Data'. 14 AD. Web.
<<https://www.youtube.com/watch?v=qKPhtBlSyIY&feature=related>>.
- 'Introductory Statistics - Chapter 3: Measuring Data'. 14 AD. Web.
<<https://www.youtube.com/watch?v=NIhU9HB1NwM&fe>>.
- Jones, Allan. Practical Skills in Environmental Science. Harlow, Essex: Prentice Hall, 2000. Web.
<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>.
- 'Kirkconnell Flow - Management Story'. N.p., n.d. Web.
<<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.p., n.d. Web.
<<https://getoutside.ordnancesurvey.co.uk/guides/beginners-guides-map-reading/>>.
- 'Phase One Habitat Pencils'. N.p., n.d. Web.
<https://blog.nhbs.com/wildlife_equipment/berol-verithin-coloured-pencils-for-phase-1-habitat-surveys/>.
- 'R: The R Project for Statistical Computing'. N.p., n.d. Web. <<https://www.r-project.org/>>.
- 'Russian Coring on the Subantarctic Islands'. 10 Dec. 2014. Web.
<<https://www.youtube.com/watch?v=oBmurwyRkkU>>.
- Rydin, Håkan, J. K. Jeglum, and Keith D. Bennett. The Biology of Peatlands. 2nd ed. The biology of habitats series. Oxford: Oxford University Press, 2013. Web.
<<http://libcat.uhi.ac.uk/record=b1771381~S26>>.
- 'Sample Average and Standard Deviation.Mp4'. 2 AD. Web.
<<https://www.youtube.com/watch?v=w-eZe-sIZho>>.
- 'Sphagnum Mosses in Bogs - FSC'. N.p., n.d. Web.
<<http://www.field-studies-council.org/publications/pubs/sphagnum-mosses-in-bogs.aspx>>.

'Statistics: Sample vs. Population Mean'. 19 AD. Web.
<https://www.youtube.com/watch?v=hsPCte_PcVA>.

Stevens, J.P. et al. 'Repeatability of Phase 1 Habitat Survey'. *Journal of Environmental Management* 73.1 (2004): 53-59. Web.

Weil, Ray R., and Nyle C. Brady. *The Nature and Properties of Soils*. Fifteenth edition. Harlow, Essex: Pearson Education Limited, 2017. Web.
<<https://ebookcentral.proquest.com/lib/gla/detail.action?docID=5186149>>.