

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.

Cherrill, A., & 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), 989–1008. <https://doi.org/10.1046/j.1365-2664.1999.00458.x>

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

Crawley, M. J. & Ebooks Corporation Limited. (2013). *The R book* (Second edition). John Wiley & Sons, Ltd. <https://ebookcentral.proquest.com/lib/gla/detail.action?docID=1120574>

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

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

Handbook for Phase 1 habitat survey - pub10_handbookforphase1habitatsurvey.pdf. (n.d.).
<http://data.jncc.gov.uk/data/9578d07b-e018-4c66-9c1b-47110f14df2a/Handbook-Phase1-HabitatSurvey-Revised-2016.pdf>

Harris, R., & Jarvis, C. (2011a). *Statistics in geography and environmental science*. Prentice Hall.
https://uws-primo.hosted.exlibrisgroup.com/permalink/f/1a10t95/44PAI_ALMA213700596003931

Harris, R., & Jarvis, C. (2011b). *Statistics in geography and environmental science*. Prentice Hall.
https://uws-primo.hosted.exlibrisgroup.com/permalink/f/1a10t95/44PAI_ALMA213700596003931

Heywood, D. I., Cornelius, S., & Carver, S. (2011). *An introduction to geographical information systems* (4th edn). Prentice Hall.
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, J. & Dawson Books. (2012). *An introduction to physical geography and the environment* (3rd ed) [Electronic resource]. Pearson.

<https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=9780273740872>

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

Introduction to Surveying OTEN. (29 C.E.).
<https://www.youtube.com/watch?v=j8poe2vvD2Q>

Introductory Statistics - Chapter 1: Introduction. (2008).
https://www.youtube.com/watch?v=YHXadaW_Iso

Introductory Statistics - Chapter 2: Presenting data. (14 C.E.).
<https://www.youtube.com/watch?v=qKPhTBlSyIY&feature=related>

Introductory Statistics - Chapter 3: Measuring data. (14 C.E.).
<https://www.youtube.com/watch?v=NlhU9HB1NwM&feature>

Jones, A. (2000). Practical skills in environmental science. Prentice Hall.
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.d.).
<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.d.).
<https://getoutside.ordnancesurvey.co.uk/guides/beginners-guides-map-reading/>

Phase one habitat pencils. (n.d.).
https://blog.nhbs.com/wildlife_equipment/berol-verithin-coloured-pencils-for-phase-1-habitat-surveys/

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

Russian coring on the Subantarctic Islands. (2014).
<https://www.youtube.com/watch?v=oBmurwyRkkU>

Rydin, H., Jeglum, J. K., & Bennett, K. D. (2013). The biology of peatlands: Vol. The biology of habitats series (2nd ed). Oxford University Press.
<http://libcat.uhi.ac.uk/record=b1771381~S26>

sample average and standard deviation.mp4. (2 C.E.).
<https://www.youtube.com/watch?v=w-eZe-sIZho>

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

Statistics: Sample vs. Population Mean. (19 C.E.).

https://www.youtube.com/watch?v=hsPCte_PcVA

Stevens, J. P., Blackstock, T. H., Howe, E. A., & Stevens, D. P. (2004). Repeatability of Phase 1 habitat survey. *Journal of Environmental Management*, 73(1), 53–59.
<https://doi.org/10.1016/j.jenvman.2004.05.009>

Weil, R. R., & Brady, N. C. (2017). *The nature and properties of soils* (Fifteenth edition). Pearson Education Limited.
<https://ebookcentral.proquest.com/lib/gla/detail.action?docID=5186149>