

# 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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Jones A. Practical skills in environmental science [Internet]. Harlow, Essex: Prentice Hall; 2000. Available from:  
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Introduction to Surveying OTEN [Internet]. 29 AD. Available from:  
<https://www.youtube.com/watch?v=j8poe2vvD2Q>

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Holden J, Dawson Books. An introduction to physical geography and the environment [Internet]. 3rd ed. Harlow, Essex: Pearson; 2012. Available from:  
<https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=9780273740872>

4.

Weil RR, Brady NC. The nature and properties of soils [Internet]. Fifteenth edition. Harlow, Essex: Pearson Education Limited; 2017. Available from:  
<https://ebookcentral.proquest.com/lib/gla/detail.action?docID=5186149>

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Stevens JP, Blackstock TH, Howe EA, Stevens DP. Repeatability of Phase 1 habitat survey. *Journal of Environmental Management*. 2004 Oct;73(1):53-59.

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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 Dec;36(6):989–1008.

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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 Oct;45(2–3):131–143.

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Ordnance Survey Blog Map reading skills: learn how to use grid references - Ordnance Survey Blog [Internet]. Available from:  
<https://getoutside.ordnancesurvey.co.uk/guides/beginners-guides-map-reading/>

9.

Handbook for Phase 1 habitat survey - a technique for environmental audit. [Internet]. Available from: <http://jncc.defra.gov.uk/page-2468>

10.

Handbook for Phase 1 habitat survey - pub10\_handbookforphase1habitatsurvey.pdf [Internet]. Available from:  
<http://data.jncc.gov.uk/data/9578d07b-e018-4c66-9c1b-47110f14df2a/Handbook-Phase1-HabitatSurvey-Revised-2016.pdf>

11.

Phase one habitat pencils [Internet]. Available from:  
[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 [Internet]. Available from:  
<http://www.snh.gov.uk/publications-data-and-research/publications/search-the-catalogue/publication-detail/?id=1615>

13.

Field Guide purchase [Internet]. Available from:  
[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 [Internet]. 2nd ed. Oxford: Oxford University Press; 2013. Available from: <http://libcat.uhi.ac.uk/record=b1771381~S26>

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

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Russian coring on the Subantarctic Islands [Internet]. 2014. Available from:  
<https://www.youtube.com/watch?v=oBmurwyRkkU>

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R: The R Project for Statistical Computing [Internet]. Available from:  
<https://www.r-project.org/>

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Harris R, Jarvis C. Statistics in geography and environmental science [Internet]. Harlow: Prentice Hall; 2011. Available from: [https://uws-primo.hosted.exlibrisgroup.com/permalink/f/1a10t95/44PAI\\_ALMA2137005960003931](https://uws-primo.hosted.exlibrisgroup.com/permalink/f/1a10t95/44PAI_ALMA2137005960003931)

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Introductory Statistics - Chapter 1: Introduction [Internet]. 2008. Available from: [https://www.youtube.com/watch?v=YHXadaW\\_Iso](https://www.youtube.com/watch?v=YHXadaW_Iso)

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Introductory Statistics - Chapter 2: Presenting data [Internet]. 14 AD. Available from: <https://www.youtube.com/watch?v=qKPhtBlSyIY&feature=related>

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Statistics: Sample vs. Population Mean [Internet]. 19 AD. Available from: [https://www.youtube.com/watch?v=hsPCte\\_PcVA](https://www.youtube.com/watch?v=hsPCte_PcVA)

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