

## DUMF 2024 research methods for Environmental Scientists

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

View Online



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- Brady, N. C., & Weil, R. R. (1999). *The nature and properties of soils* (12th ed). Pearson Prentice Hall.  
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- 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>
- 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>
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- Heywood, D. I., Cornelius, S., & Carver, S. (2011). *An introduction to geographical information systems* (4th ed.). Prentice Hall.  
[https://uws-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=44PAI\\_ALMA2122287430003931&context=L&vid=44PAI\\_V1&search\\_scope=default\\_scope](https://uws-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=44PAI_ALMA2122287430003931&context=L&vid=44PAI_V1&search_scope=default_scope)

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Introduction to GIS (Geographic Information Systems). (2012).

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

Introductory Statistics - Chapter 1: Introduction. (2008).

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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.).

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Ordnance Survey Blog Map reading skills: learn how to use grid references - Ordnance Survey Blog. (n.d.).

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[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/)

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

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The Experimental Method. (n.d.). <https://www.youtube.com/watch?v=ay1o8XjoMVk>

The Scientific Method. (n.d.-a). <https://www.youtube.com/watch?v=yi0hwFDQTSQ>

The Scientific Method. (n.d.-b). <https://www.youtube.com/watch?v=yi0hwFDQTSQ>