

## 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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@book{Brady_Weil_1999, address={Upper Saddle River, NJ}, edition={12th ed},
title={The nature and properties of soils},
url={https://uws-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=44PAI_ALMA2124386220003931&context=L&vid=44PAI_V1&search_scope=default_scope&tab=default_tab□=en_US□=en_US}, publisher={Pearson Prentice Hall},
author={Brady, Nyle C. and Weil, Ray R.}, year={1999} }
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@article{Cherrill_McClean_1999, title={The reliability of 'Phase 1' habitat mapping in the
UK: the extent and types of observer bias}, volume={45},
DOI={10.1016/S0169-2046(99)00027-4}, number={2-3}, journal={Landscape and Urban
Planning}, author={Cherrill, Andrew and McClean, Colin}, year={1999}, month={Oct},
pages={131-143} }
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@article{Cherrill_Mcclean_1999, title={Between-observer variation in the application of a
standard method of habitat mapping by environmental consultants in the UK},
volume={36}, DOI={10.1046/j.1365-2664.1999.00458.x}, number={6}, journal={Journal
of Applied Ecology}, author={Cherrill, Andrew and Mcclean, Colin}, year={1999},
month={Dec}, pages={989-1008} }
```

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@book{Crawley_Ebooks Corporation Limited_2013, address={Chichester, West Sussex},
edition={Second edition}, title={The R book},
url={https://ebookcentral.proquest.com/lib/gla/detail.action?docID=1120574},
publisher={John Wiley & Sons, Ltd}, author={Crawley, Michael J. and Ebooks Corporation
Limited}, year={2013} }
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@book{Harris_Jarvis_2011a, address={Harlow}, title={Statistics in geography and
environmental science},
url={https://uws-primo.hosted.exlibrisgroup.com/permalink/f/1a10t95/44PAI_ALMA213700
5960003931}, publisher={Prentice Hall}, author={Harris, Richard and Jarvis, Claire},
year={2011} }
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@book{Harris_Jarvis_2011b, address={Harlow}, title={Statistics in geography and
environmental science},
url={https://uws-primo.hosted.exlibrisgroup.com/permalink/f/1a10t95/44PAI_ALMA213700
5960003931}, publisher={Prentice Hall}, author={Harris, Richard and Jarvis, Claire},
year={2011} }
```

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@book{Heywood_Cornelius_Carver_2011, address={Harlow}, edition={4th}, title={An
introduction to geographical information systems},
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url={ [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](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) },  
publisher={Prentice Hall}, author={Heywood, D. Ian and Cornelius, Sarah and Carver, Steve}, year={2011} }

@book{Holden\_Dawson\_Books\_2012, address={Harlow, Essex}, edition={3rd ed}, title={An introduction to physical geography and the environment}, url={ <https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=9780273740872> }, publisher={Pearson}, author={Holden, Joseph and Dawson Books}, year={2012} }

@book{Jones\_2000, address={Harlow, Essex}, title={Practical skills in environmental science}, url={ [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](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) }, publisher={Prentice Hall}, author={Jones, Allan}, year={2000} }

@article{Stevens\_Blackstock\_Howe\_Stevens\_2004, title={Repeatability of Phase 1 habitat survey}, volume={73}, DOI={10.1016/j.jenvman.2004.05.009}, number={1}, journal={Journal of Environmental Management}, author={Stevens, J.P. and Blackstock, T.H. and Howe, E.A. and Stevens, D.P.}, year={2004}, month={Oct}, pages={53-59} }  
@misc{sample average and standard deviation.mp4\_2AD, url={ <https://www.youtube.com/watch?v=w-eZe-siZho> }, year={2AD} }

@misc{Introductory Statistics - Chapter 2: Presenting data\_14AD, url={ <https://www.youtube.com/watch?v=qKPhTBlSyIY&feature=related> }, year={14AD} }

@misc{Introductory Statistics - Chapter 3: Measuring data\_14AD, url={ <https://www.youtube.com/watch?v=NIhU9HB1NwM&fe> }, year={14AD} }

@misc{Statistics: Sample vs. Population Mean\_19AD, url={ [https://www.youtube.com/watch?v=hsPCTe\\_PcVA](https://www.youtube.com/watch?v=hsPCTe_PcVA) }, year={19AD} }

@misc{Introductory Statistics - Chapter 1: Introduction\_2008, url={ [https://www.youtube.com/watch?v=YHXadaW\\_lso](https://www.youtube.com/watch?v=YHXadaW_lso) }, year={2008}, month={Dec} }

@misc{Introduction to GIS (Geographic Information Systems)\_2012, url={ <https://www.youtube.com/watch?v=bLnJpkqjlwo> }, year={2012}, month={Dec} }

@misc{The Scientific Method, url={ <https://www.youtube.com/watch?v=yi0hwFDQTSQ> } }

@misc{The Scientific Method, url={ <https://www.youtube.com/watch?v=yi0hwFDQTSQ> } }

@misc{The Experimental Method, url={ <https://www.youtube.com/watch?v=ay1o8XjoMVk> } }

@misc{Ordnance Survey Blog Map reading skills: learn how to use grid references -

Ordnance Survey Blog,

url={ <https://getoutside.ordnancesurvey.co.uk/guides/beginners-guides-map-reading/> } }

@misc{Handbook for Phase 1 habitat survey - a technique for environmental audit.,

url={ <http://jncc.defra.gov.uk/page-2468> } }

@misc{Handbook for Phase 1 habitat survey -

pub10\_handbookforphase1habitatsurvey.pdf,

url={ <http://data.jncc.gov.uk/data/9578d07b-e018-4c66-9c1b-47110f14df2a/Handbook-Phase1-HabitatSurvey-Revised-2016.pdf> } }

@misc{Phase one habitat pencils,

url={ [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/) } }

@misc{R: The R Project for Statistical Computing, url={ <https://www.r-project.org/> } }