

# 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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@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_ALMA2137005960003931}, 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_ALMA2137005960003931}, 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}, 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=en_US}, publisher={Prentice Hall}, author={Heywood, D. Ian and Cornelius, Sarah and Carver, Steve}, year={2011} }
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@book{Holden_Dawson Books_2012, address={Harlow, Essex}, edition={3rd ed}, title={An introduction to physical geography and the environment},
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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&lang=en\\_US&lang=en\\_US&lang=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&lang=en_US&lang=en_US&lang=en_US) }, publisher={ Prentice Hall }, author={ Jones, Allan }, year={ 2000 } }

@book{Rydin\_Jeglum\_Bennett\_2013, address={ Oxford }, edition={ 2nd ed }, title={ The biology of peatlands }, volume={ The biology of habitats series }, url={ <http://libcat.uhi.ac.uk/record=b1771381~S26> }, publisher={ Oxford University Press }, author={ Rydin, Håkan and Jeglum, J. K. and Bennett, Keith D. }, year={ 2013 } }

@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 } }

@book{Weil\_Brady\_2017, address={ Harlow, Essex }, edition={ Fifteenth edition }, title={ The nature and properties of soils }, url={ <https://ebookcentral.proquest.com/lib/gla/detail.action?docID=5186149> }, publisher={ Pearson Education Limited }, author={ Weil, Ray R. and Brady, Nyle C. }, year={ 2017 } }

@misc{sample average and standard deviation.mp4\_2 AD, url={ <https://www.youtube.com/watch?v=w-eZe-siZho> }, year={ 2 AD } }

@misc{Introductory Statistics - Chapter 2: Presenting data\_14 AD, url={ <https://www.youtube.com/watch?v=qKPhtBlsyIY&feature=related> }, year={ 14 AD } }

@misc{Introductory Statistics - Chapter 3: Measuring data\_14 AD, url={ <https://www.youtube.com/watch?v=NihU9HB1NwM&fe> }, year={ 14 AD } }

@misc{Statistics: Sample vs. Population Mean\_19 AD, url={ [https://www.youtube.com/watch?v=hsPCTe\\_PcVA](https://www.youtube.com/watch?v=hsPCTe_PcVA) }, year={ 19 AD } }

@misc{Introduction to Surveying OTEN\_29 AD, url={ <https://www.youtube.com/watch?v=j8poe2vvD2Q> }, year={ 29 AD } }

@misc{Introductory Statistics - Chapter 1: Introduction\_2008, url={ [https://www.youtube.com/watch?v=YHXadaW\\_Iso](https://www.youtube.com/watch?v=YHXadaW_Iso) }, 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{Russian coring on the Subantarctic Islands\_2014, url={ <https://www.youtube.com/watch?v=oBmurwyRkkU> }, year={ 2014 }, month=dec }

@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{Kirkconnell Flow - Management Story,  
url={ <http://www.snh.gov.uk/publications-data-and-research/publications/search-the-catalogue/publication-detail/?id=1615>} }

@misc{Field Guide purchase,  
url={ [http://rbg-web2.rbge.org.uk/bbs/Activities/Field\\_Guide\\_order.htm](http://rbg-web2.rbge.org.uk/bbs/Activities/Field_Guide_order.htm)} }

@misc{Sphagnum mosses in bogs - FSC,  
url={ <http://www.field-studies-council.org/publications/pubs/sphagnum-mosses-in-bogs.aspx>} }

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