

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



Anon. 2AD. 'Sample Average and Standard Deviation.Mp4'.

Anon. 14ADa. 'Introductory Statistics - Chapter 2: Presenting Data'.

Anon. 14ADb. 'Introductory Statistics - Chapter 3: Measuring Data'.

Anon. 19AD. 'Statistics: Sample vs. Population Mean'.

Anon. 2008. 'Introductory Statistics - Chapter 1: Introduction'.

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

Anon. n.d.-a. 'Handbook for Phase 1 Habitat Survey - a Technique for Environmental Audit.' Retrieved (<http://jncc.defra.gov.uk/page-2468>).

Anon. n.d.-b. 'Handbook for Phase 1 Habitat Survey - Pub10_handbookforphase1habitatsurvey.Pdf'.

Anon. n.d.-c. 'Ordnance Survey Blog Map Reading Skills: Learn How to Use Grid References - Ordnance Survey Blog'. Retrieved (<https://getoutside.ordnancesurvey.co.uk/guides/beginners-guides-map-reading/>).

Anon. n.d.-d. 'Phase One Habitat Pencils'. Retrieved (https://blog.nhbs.com/wildlife_equipment/berol-verithin-coloured-pencils-for-phase-1-habitat-surveys/).

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

Anon. n.d.-f. 'The Experimental Method'.

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

Anon. n.d.-h. 'The Scientific Method'.

Brady, Nyle C., and Ray R. Weil. 1999. The Nature and Properties of Soils. 12th ed. Upper Saddle River, NJ: Pearson Prentice Hall.

Cherrill, Andrew, and Colin McClean. 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. doi: 10.1046/j.1365-2664.1999.00458.x.

Cherrill, Andrew, and Colin McClean. 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):131–43. doi: 10.1016/S0169-2046(99)00027-4.

Crawley, Michael J. and Ebooks Corporation Limited. 2013. *The R Book*. Second edition. Chichester, West Sussex: John Wiley & Sons, Ltd.

Harris, Richard, and Claire Jarvis. 2011a. *Statistics in Geography and Environmental Science*. Harlow: Prentice Hall.

Harris, Richard, and Claire Jarvis. 2011b. *Statistics in Geography and Environmental Science*. Harlow: Prentice Hall.

Heywood, D. Ian, Sarah Cornelius, and Steve Carver. 2011. *An Introduction to Geographical Information Systems*. 4th ed. Harlow: Prentice Hall.

Holden, Joseph and Dawson Books. 2012. *An Introduction to Physical Geography and the Environment*. 3rd ed. Harlow, Essex: Pearson.

Jones, Allan. 2000. *Practical Skills in Environmental Science*. Harlow, Essex: Prentice Hall.
Stevens, J. P., T. H. Blackstock, E. A. Howe, and D. P. Stevens. 2004. 'Repeatability of Phase 1 Habitat Survey'. *Journal of Environmental Management* 73(1):53–59. doi: 10.1016/j.jenvman.2004.05.009.