

ENV-5028B GIS Skills for Project Work

This module is organised by Dr Katy Appleton, with contribution from Dr Amii Harwood and Professor Andrew Lovett.

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Buckley, A. (n.d.). Design principles for cartography.

<https://www.esri.com/arcgis-blog/products/product/mapping/design-principles-for-cartography/>

Burrough, P. A., McDonnell, R., & Lloyd, C. D. (2015). Principles of geographical information systems (Third edition). Oxford University Press.

Darnell, A. R., Lovett, A. A., Barclay, J., & Herd, R. A. (2010). An application-driven approach to terrain model construction. *International Journal of Geographical Information Science*, 24(8), 1171–1191. <https://doi.org/10.1080/13658810903318889>

Dixon, B., & Uddameri, V. (2016). GIS and geocomputation for water resource science and engineering. Wiley.

<https://ebookcentral.proquest.com/lib/uea/detail.action?docID=4182958>

Field, K. (n.d.). ESRI Map Evaluation checklist.

<http://downloads.esri.com/MappingCenter2007/arcGISResources/more/MapEvaluationGuidelines.pdf>

Gary J. Hunter & Michael F. Goodchild. (1995). Dealing with Error in Spatial Databases: A Simple Case Study. *Photogrammetric Engineering and Remote Sensing (PE&RS)*, 61(5), 529–537.

GIS-based multicriteria decision analysis: a survey of the literature. (2006). *International Journal of Geographical Information Science*.

<https://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=21895447&authtype=sso&custid=s8993828&site=eds-live&scope=site>

Heywood, D. I., Cornelius, S., & Carver, S. (2011a). An introduction to geographical information systems (4th ed). Prentice Hall.

<https://ebookcentral.proquest.com/lib/uea/detail.action?docID=5138011>

Heywood, D. I., Cornelius, S., & Carver, S. (2011b). An introduction to geographical information systems (4th ed). Prentice Hall.

<https://ebookcentral.proquest.com/lib/uea/detail.action?docID=5138011>

Jensen, J. R., & Jensen, R. R. (2013). Introductory geographic information systems: Vol. Pearson series in geographic information science (International ed). Pearson.

Kennedy, M. (2013). Introducing geographic information systems with ArcGIS: a workbook approach to learning GIS (Third edition). John Wiley & Sons.

<https://ebookcentral.proquest.com/lib/uea/detail.action?docID=875846>

Lillesand, T. M., Kiefer, R. W., & Chipman, J. W. (2015). Remote sensing and image interpretation (Seventh edition). Wiley & Sons.

Longley, P., Goodchild, M. F., & Maguire, D. J. (2015). Geographic information science & systems (Fourth edition). Wiley.

Michael, L. (2015). Getting to know ArcGIS desktop (4th edition). ESRI Press.
<https://ebookcentral.proquest.com/lib/uea/detail.action?docID=4952756>

Monmonier, M. S. (1996). How to lie with maps (2nd ed). University of Chicago Press.

Monmonier, M. S., & Monmonier, M. S. (2002). Spying with maps: surveillance technologies and the future of privacy. University of Chicago Press.

Mount, N. & National Conference on GIS Research UK. (2009). Representing, modeling, and visualizing the natural environment: Vol. Innovations in GIS. CRC Press.
<https://ebookcentral.proquest.com/lib/uea/detail.action?milDocID=199391>

Nyerges, T. L., Couclelis, H., & Macmaster, R. (2011). The SAGE handbook of GIS and society. SAGE.
https://uea.idm.oclc.org/login?url=http://sk.sagepub.com/reference/hdbk_GISsociety

Openshaw, S. (1991). Error propagation: a Monte Carlo simulation. Longman Scientific & Technical.

OPENSHAW, S. (1997). The truth about Ground Truth. Transactions in GIS;, 2(Issue: 1 p7-24), 7-24.
<https://uea.idm.oclc.org/login?url=https://onlinelibrary-wiley-com/doi/abs/10.1111/j.1467-9671.1997.tb00002.x>

Pickles, J., & Pickles, J. (1995). Ground truth: the social implications of geographic information systems. Guilford Press.

Pimpler, E. (2013). Programming ArcGIS 10.1 with Python cookbook: over 75 recipes to help you automate geoprocessing tasks, create solutions, and solve problems for ArcGIS with Python. Packt Publishing.
<https://ebookcentral.proquest.com/lib/uea/detail.action?docID=1115454>

Rall, E., Hansen, R., & Pauleit, S. (2018). The added value of public participation GIS (PPGIS) for urban green infrastructure planning. Urban Forestry & Urban Greening.
<https://doi.org/10.1016/j.ufug.2018.06.016>

Tateosian, L. (2015). Python For ArcGIS (1st ed. 2015). Springer International Publishing.
<https://uea.idm.oclc.org/login?url=http://dx.doi.org/10.1007/978-3-319-18398-5>

Toms, S. (n.d.). ArcPy and ArcGIS - geospatial analysis with Python: use the ArcPy module to automate the analysis and mapping of geospatial data in ArcGIS: Vol. Community experience distilled. Packt Publishing.
<https://ebookcentral.proquest.com/lib/uea/detail.action?docID=1973845>

Tufte, E. R. (2013). *The visual display of quantitative information* (Second edition). Graphics Press.

Wadsworth, R., & Treweek, J. (1999). *GIS for ecology: an introduction*. Addison Wesley Longman.

Watson, J. J. W., & Hudson, M. D. (2015). Regional Scale wind farm and solar farm suitability assessment using GIS-assisted multi-criteria evaluation. *Landscape and Urban Planning*, 138, 20–31. <https://doi.org/10.1016/j.landurbplan.2015.02.001>

Wilson, J. P., & Fotheringham, A. S. (2008). *The handbook of geographic information science: Vol. Blackwell companions to geography*. Blackwell.
<https://ebookcentral.proquest.com/lib/uea/detail.action?docID=320083>

Wood, D., & Fels, J. (2008). *The natures of maps: cartographic constructions of the natural world*. University of Chicago Press.

Zandbergen, P. A. (2013). *Python scripting for ArcGIS* (First edition). ESRI Press.
<https://uea.idm.oclc.org/login?url=http://dx.doi.org/10.1007/978-3-319-18398-5>