

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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1.
Longley P, Goodchild MF, Maguire DJ. Geographic information science & systems. Fourth edition. Hoboken, NJ: Wiley; 2015.
 2.
Jensen JR, Jensen RR. Introductory geographic information systems. International ed. Boston: Pearson; 2013.
 3.
Heywood DI, Cornelius S, Carver S. An introduction to geographical information systems [Internet]. 4th ed. Harlow, England: Prentice Hall; 2011. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=5138011>
 4.
Wilson JP, Fotheringham AS. The handbook of geographic information science [Internet]. Malden, Mass: Blackwell; 2008. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=320083>
 5.
Buckley A. Design principles for cartography [Internet]. Available from: <https://www.esri.com/arcgis-blog/products/product/mapping/design-principles-for-cartography/>
 - 6.

Field K. ESRI Map Evaluation checklist [Internet]. Available from: <http://downloads.esri.com/MappingCenter2007/arcGISResources/more/MapEvaluationGuidelines.pdf>

7.

Monmonier MS. How to lie with maps. 2nd ed. Chicago: University of Chicago Press; 1996.

8.

Tufte ER. The visual display of quantitative information. Second edition. Cheshire, Connecticut: Graphics Press; 2013.

9.

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

10.

Dixon B, Uddameri V. GIS and geocomputation for water resource science and engineering [Internet]. Chichester, West Sussex, UK: Wiley; 2016. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=4182958>

11.

Wadsworth R, Treweek J. GIS for ecology: an introduction. Harlow: Addison Wesley Longman; 1999.

12.

Lillesand TM, Kiefer RW, Chipman JW. Remote sensing and image interpretation. Seventh edition. Hoboken, NJ: Wiley & Sons; 2015.

13.

Mount N, National Conference on GIS Research UK. Representing, modeling, and

visualizing the natural environment [Internet]. Boca Raton: CRC Press; 2009. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?milDocID=199391>

14.

Burrough PA, McDonnell R, Lloyd CD. Principles of geographical information systems. Third edition. Oxford, United Kingdom: Oxford University Press; 2015.

15.

Darnell AR, Lovett AA, Barclay J, Herd RA. An application-driven approach to terrain model construction. *International Journal of Geographical Information Science*. 2010 Jun 21;24(8):1171-1191.

16.

Heywood DI, Cornelius S, Carver S. An introduction to geographical information systems [Internet]. 4th ed. Harlow, England: Prentice Hall; 2011. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=5138011>

17.

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

18.

Openshaw S. Error propagation: a Monte Carlo simulation. Harlow: Longman Scientific & Technical; 1991.

19.

Kennedy M. Introducing geographic information systems with ArcGIS: a workbook approach to learning GIS [Internet]. Third edition. Hoboken, New Jersey: John Wiley & Sons; 2013. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=875846>

20.

Michael L. Getting to know ArcGIS desktop [Internet]. 4th edition. Redlands, Calif: ESRI Press; 2015. Available from:
<https://ebookcentral.proquest.com/lib/uea/detail.action?docID=4952756>

21.

Pimpler E. 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 [Internet]. Birmingham, U.K.: Packt Publishing; 2013. Available from:
<https://ebookcentral.proquest.com/lib/uea/detail.action?docID=1115454>

22.

Tateosian L. Python For ArcGIS [Internet]. 1st ed. 2015. Cham: Springer International Publishing; 2015. Available from:
<https://uea.idm.oclc.org/login?url=http://dx.doi.org/10.1007/978-3-319-18398-5>

23.

Toms S. ArcPy and ArcGIS - geospatial analysis with Python: use the ArcPy module to automate the analysis and mapping of geospatial data in ArcGIS [Internet]. Birmingham: Packt Publishing; Available from:
<https://ebookcentral.proquest.com/lib/uea/detail.action?docID=1973845>

24.

Zandbergen PA. Python scripting for ArcGIS [Internet]. First edition. New York: ESRI Press; 2013. Available from:
<https://uea.idm.oclc.org/login?url=http://dx.doi.org/10.1007/978-3-319-18398-5>

25.

GIS-based multicriteria decision analysis: a survey of the literature. International Journal of Geographical Information Science [Internet]. 2006; Available from:
<https://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=21895447&authtype=sso&custid=s8993828&site=eds-live&scope=site>

26.

Monmonier MS, Monmonier MS. Spying with maps: surveillance technologies and the future of privacy. Chicago: University of Chicago Press; 2002.

27.

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

28.

Pickles J, Pickles J. Ground truth: the social implications of geographic information systems. New York, N.Y: Guilford Press; 1995.

29.

Rall E, Hansen R, Pauleit S. The added value of public participation GIS (PPGIS) for urban green infrastructure planning. Urban Forestry & Urban Greening. 2018 Jun;

30.

Watson JJW, Hudson MD. Regional Scale wind farm and solar farm suitability assessment using GIS-assisted multi-criteria evaluation. Landscape and Urban Planning. 2015 Jun;138:20-31.

31.

Nyerges TL, Couclelis H, Macmaster R. The SAGE handbook of GIS and society [Internet]. Los Angeles, [Calif.]: SAGE; 2011. Available from:
https://uea.idm.oclc.org/login?url=http://sk.sagepub.com/reference/hdbk_GISsociety