**Chapter 6 References - For More Information About:**

**Early Examples of Spatial Analysis:**

* Conrad, E. 2001. “Tracking Diseases.” *ArcUser*, July–September. <http://www.esri.com/news/arcuser/0701/wnvirus.html>.

• Crosier, S. 2013. “John Snow: the London Cholera Epidemic of 1854.” *Center for Spatially Integrated Social Science.* Accessed August 15. <http://www.csiss.org/classics/content/8>.

• Longley, P.A., M.F. Goodchild, D.J. Maguire, and D.W. Rhind. 2005. *Geographic Information Systems and Science.* 2nd ed. Hoboken: John Wiley and Sons, Chapter 14.

• “Unit 23: History of GIS.” Accessed August 15, 2013. http://www.geog.ubc.ca/courses/klink/gis.notes/ncgia/u23.html.

**Query Operations:**

• Bolstad, P. 2008. *GIS Fundamentals.* 3rd ed. Ashland: Atlas Press, Chapter 8.

• Chang, K. 2010. *Introduction to Geographic Information Systems.* 5th ed. New York: McGraw Hill, Chapter 10.

• Heywood, I., S. Cornelius, and S. Carver. 2006. *An Introduction to Geographic Informational Systems.* 3rd ed. Edinburgh Gate: Pearson, Chapters 4 and 6.

• Longley, P.A., M.F. Goodchild, D.J. Maguire, and D.W. Rhind. 2005. *Geographic Information Systems and Science.* 2nd ed. Hoboken: John Wiley and Sons, Chapter 14.

• Price, M. 2008. *Mastering ArcGIS.* 3rd ed. New York: McGraw Hill, Chapter 6.

**Geoprocessing, Buffers, and Overlay Operations:**

• ArcGIS Desktop 9.3 Help. 2008. “Overlay Analysis.” Last modified December 9. <http://webhelp.esri.com/arcgisdesktop/9.3/index.cfm?id=708&pid=706&topicname=Overlay_analysis>.

• ArcGis Resource Center. 2013. “Geoprocessing.” Accessed August 15. <http://resources.esri.com/geoprocessing>.

• Bernhardsen, T. 2002. *Geographic Information Systems: An Introduction.* 3rd ed. Hoboken: John Wiley and Sons, Chapter 14.

• Bolstad, P. 2008. *GIS Fundamentals.* 3rd ed. Ashland: Atlas Press, Chapter 9.

• Chang, K. 2010. *Introduction to Geographic Information Systems.* 5th ed. New York: McGraw Hill, Chapter 11.

• Chrisman, N. 1997. *Exploring Geographic Information Systems*. Hoboken: John Wiley and Sons, Chapter 5.

• ESRI Developer Network. 2013. “What Is Geoprocessing?” Accessed August 15. <http://edndoc.esri.com/arcobjects/9.2/net/shared/geoprocessing/geoprocessing/what_is_geoprocessing_qst_.htm>.

• Heywood, I., S. Cornelius, and S. Carver. 2006. *An Introduction to Geographic Informational Systems.* 3rd ed. Edinburgh Gate: Pearson, Chapter 6.

• McCoy, J., K. Johnson, S. Kopp, B. Borup, J. Willison, and B. Payne. 2001–2002. *ArcGIS 9: Using ArcGIS Spatial Analyst*. Redlands: Esri Press, Chapter 3.

• Price, M. 2008. *Mastering ArcGIS.* 3rd ed. New York: McGraw Hill, Chapters 8 and 15.

**Modeling With GIS:**

* ArcGIS Resource Center. 2011. “What Is Modelbuilder?” September 13. <http://help.arcgis.com/en/arcgisdesktop/10.0/help/index.html#//002w00000001000000>.

• Bolstad, P. 2008. *GIS Fundamentals.* 3rd ed. Ashland: Atlas Press, Chapter 13.

• Chang, K. 2010. *Introduction to Geographic Information Systems*. 5th ed. New York: McGraw Hill, Chapter 18.

• Chrisman, N. 1997. *Exploring Geographic Information Systems*. Hoboken: John Wiley and Sons, Chapter 5.

• Eastman, J.R. 1999. “Multi-Criteria Evaluation and GIS.” In *Geographical Information Systems*, edited by P.A. Longley, M.F. Goodchild, J.D. Maguire, and D.W. Rhind, 493–502. Hoboken: John Wiley and Sons.

• Heywood, I., S. Cornelius, and S. Carver. 2006. *An Introduction to Geographic Informational Systems.* 3rd ed. Edinburgh Gate: Pearson, Chapters 7 and 12.

• McCoy, J., K. Johnson, S. Kopp, B. Borup, J. Willison, and B. Payne. 2001–2002. *ArcGIS 9: Using ArcGIS Spatial Analyst*. Redlands: Esri Press, Chapter 3.

• Pijanowski, B.C., S.H. Gage, D.T. Long, and W. Cooper. 2000. “A Land Transformation Model for the Saginaw Bay Watershed.” In *Landscape Ecology: A Top-Down Approach*, edited by J. Sanderson and L.D. Harris, 183–199. Boca Raton: Lewis Publishers.

• Purdue University. 2011. “Land Transformation Model.” *Human-Environment Modeling and Analysis Laboratory*. Updated March 6. <http://ltm.agriculture.purdue.edu/default_ltm.htm>.

• Schneider, L.C., and R.G. Pontius Jr. 2001. “Modeling Land-Use Change in the Ipswich Watershed, Massachusetts, USA.” *Agriculture, Ecosystems, and Environment* 85: 83–94.

• Store, R. and J. Kangas. 2001. “Integrating Spatial Multi-Criteria Evaluation and Expert Knowledge for GIS-Based Habitat Suitability Modeling.” *Landscape and Urban Planning* 55: 79–93.

• Yalcin, G., and Z. Akyurek. 2004. “Analysing Flood Vulnurable Areas with Multicriteria Evaluation.” Proceedings of the International Society for Photogrammetry and Remote Sensing (ISPRS), Istanbul, Turkey, 2004.