

- Bernard, L., I. Kanellopoulos, A. Annoni, and P. Smits. 2005. The European geoportal—one step towards the establishment of a European Spatial Data Infrastructure. *Computers, Environment and Urban Systems* 29: 15–31.
- Bishr, Y., and M. Radwan. 2000. GDI architectures. In *Geospatial data infrastructure: Concepts, cases, and good practice*, eds. R. Groot and J. McLaughlin. Oxford: Oxford University Press.
- Borrebaek, M. 2004. *SOSI—Systematic Organisation of Spatial Information*. Oslo: Norwegian Mapping Authority.
- Burrough, P., and I. Masser, eds. 1998. *European geographical information infrastructures: Opportunities and pitfalls*. London: Taylor & Francis.
- Burrough, P., and I. Masser. 1998. International aspects of spatial data exchange. In *European geographical information infrastructures: Opportunities and pitfalls*, eds. P. Burrough and I. Masser. London: Taylor & Francis.
- Croswell, P. 2000. The role of standards in support of GDI. In *Geospatial data infrastructure: Concepts, cases, and good practice*, eds. R. Groot and J. McLaughlin. Oxford: Oxford University Press.
- Daukantas, P. 2003. One-Stop, two clicks. *Government Computer News*. [www.gcn.com/22\\_22/cover/23072-1.html](http://www.gcn.com/22_22/cover/23072-1.html).
- Department for Transport. 2002. Transport Direct: Phase 2 public consultation. London: Department for Transport. [www.dft.gov.uk/stellent/groups/dft\\_about/documents/page/dft\\_about\\_022688.hcsp](http://www.dft.gov.uk/stellent/groups/dft_about/documents/page/dft_about_022688.hcsp).
- Department for Transport. 2003. Transport Direct market research programme: Findings and implications from phase 1. London: Department for Transport. [www.dft.gov.uk/stellent/groups/dft\\_about/documents/page/dft\\_about\\_022700.hcsp](http://www.dft.gov.uk/stellent/groups/dft_about/documents/page/dft_about_022700.hcsp).
- Department for Transport. 2004. Transport Direct. London: Department for Transport. [www.dft.gov.uk/stellent/groups/dft\\_about/documents/divisionhomepage/030779.hcsp](http://www.dft.gov.uk/stellent/groups/dft_about/documents/divisionhomepage/030779.hcsp).
- Dodson, A., and J. Verouden. 2004. Globalising GIS in Shell. Proceedings 2004 ESRI User Conference.
- Douglas, M. 2003. One-Stop shopping. *Government Technology*. [www.govtech.net/magazine/story.php?id=62033](http://www.govtech.net/magazine/story.php?id=62033).
- ESRI. 2003. *Implementing a metadata catalog portal in a GIS network*. ESRI Whitepaper. [www.esri.com/library/gisportal/pdfs/cat-portal.pdf](http://www.esri.com/library/gisportal/pdfs/cat-portal.pdf).
- ESRI. 2003. *Standards and interoperability*. ESRI Whitepaper. [www.esri.com/library/whitepapers/pdfs/spatial-data-standards.pdf](http://www.esri.com/library/whitepapers/pdfs/spatial-data-standards.pdf).
- ESRI. 2003. Geospatial One-Stop portal is key to President's e-government strategy. *ArcNews Summer 2003*. [www.esri.com/news/arcnews/summer03articles/geospatial-onestop.html](http://www.esri.com/news/arcnews/summer03articles/geospatial-onestop.html).
- ESRI. 2004. *GIS portal technology*. ESRI Whitepaper. [www.esri.com/library/whitepapers/pdfs/gisportal.pdf](http://www.esri.com/library/whitepapers/pdfs/gisportal.pdf).
- ESRI. 2004. *GIS portal development workshop lectures*. Redlands: ESRI.
- Evans, J. 2003. *A geospatial interoperability reference model (G.I.R.M.)*. Federal Geographic Data Committee. [gai.fgdc.gov/girm/v1.1](http://gai.fgdc.gov/girm/v1.1).
- Federal Geographic Data Committee (FGDC). 2004. *Federal Geographic Data Committee: Historical reflections—Future directions*. [www.fgdc.gov/publications/fgdc\\_history.html](http://www.fgdc.gov/publications/fgdc_history.html).
- Fisheries and Oceans Canada. 2004. *Mapster 2 tutorial*. [www-heb.pac.dfo-mpo.gc.ca/maps/tutorial/mapster\\_tut\\_e.pdf](http://www-heb.pac.dfo-mpo.gc.ca/maps/tutorial/mapster_tut_e.pdf).
- Fisheries and Oceans Canada. 2004. *Overview GIS internet applications*. [www-heb.pac.dfo-mpo.gc.ca/maps/app\\_overview\\_e.htm](http://www-heb.pac.dfo-mpo.gc.ca/maps/app_overview_e.htm).
- Garie, H. 2003. Geospatial One-Stop and Hurricane Isabel—Riders on the storm. *Federal GIS connections*. Redlands: ESRI.
- Goodchild, M., and J. Zhou. 2003. Finding geographic information: Collection-level metadata. *GeoInformatica* 7(2): 95–112.

# References

- Grady, R. 2001. Integrated facilities data system using Web and database technology. Proceedings 2001 ESRI User Conference. [gis.esri.com/library/userconf/proc01/professional/papers/pap341/p341.htm](http://gis.esri.com/library/userconf/proc01/professional/papers/pap341/p341.htm).
- Gregorius, T. 2003. Spatially enabling exploration and production information. SMI E&P Data and Information Management, London.
- Gregorius, T. 2004. The business value of enterprise GIS in the energy industry. Proceedings Senior Executive Seminar ESRI 2004 User Conference.
- Gregorius, T. 2004. Shell global GIS framework and portals. Web Enabled GIS Strategies Conference Proceedings, 2004 Sydney.
- Groot, R., and J. McLaughlin, eds. 2000. *Geospatial data infrastructure: Concepts, cases, and good practice*. Oxford: Oxford University Press.
- Hardy, M. 2003. Geospatial portal still elusive. FCW.com. [www.fcw.com](http://www.fcw.com).
- Hodge, G. 2001. *Metadata made simpler: A guide for libraries*. [www.niso.org/news/Metadata\\_simpler.pdf](http://www.niso.org/news/Metadata_simpler.pdf).
- Lowe, J. 2002. Finders and keepers: In search of spatial data. *Geospatial Solutions*. [www.geospatial-online.com](http://www.geospatial-online.com).
- Maguire, D., and P. Longley 2005. The emergence of geoportals and their role in spatial data infrastructures. *Computers, Environment and Urban Systems* 29: 3–14.
- Masser, I. 2005. *GIS worlds: Creating spatial data infrastructures*. Redlands: ESRI Press.
- McKee, L. 2003. The spatial Web. [www.opengeospatial.org/press/?page=papers](http://www.opengeospatial.org/press/?page=papers).
- Mellum, R. 2004. geoNorge.no—The new Norwegian geoPortal. Proceedings 2004 ESRI User Conference.
- Mellum, R., and K. Kyrkjeeide. 2003. Planning information support and accessibility in Norway: AREALIS/GEOVEKST. Proceedings of Institute of Municipal Engineering of South Africa Conference, 2003 Cape Town.
- Nebert, D., ed. 2004. *Developing spatial data infrastructures: SDI Cookbook version 2.0*. Reston, Va.: FGDC. [www.gsdi.org](http://www.gsdi.org).
- Østensen, O. 2003. Portal developments in Norway and their role in the geospatial infrastructure. Spatial Portals Conference, University College, London.
- Rhind, D. 2000. Funding an NGDI. In *Geospatial data infrastructure: Concepts, cases, and good practice*, eds. R. Groot and J. McLaughlin. Oxford: Oxford University Press.
- Salgé, F. 1998. From an understanding of European GI economic activity to the reality of a European data set. In *European geographical information infrastructures: Opportunities and pitfalls*, eds. P. Burrough and I. Masser. London: Taylor & Francis.
- Shultz, J. 2004. Spatially enabling public information analysis. In *Measuring up: The business case for GIS*, eds. C. Thomas and M. Ospina. Redlands: ESRI.
- Smits, P., ed. 2002. *INSPIRE architecture and standards position paper*. Ispra: Joint Research Centre, European Commission.
- Tait, M. 2005. Implementing geoportals: Applications of distributed GIS. *Computers, Environment and Urban Systems* 29: 33–47.
- Tang, W., and J. Selwood. 2003. *Connecting our world: GIS Web services*. Redlands: ESRI Press.
- Thomas, C., and M. Ospina, eds. 2004. *Measuring up: The business case for GIS*. Redlands: ESRI Press.
- Thomas, D. 2004. Project of the year awards: Transport Direct. *Computing*. [www.vnu.com/analysis/1157634](http://www.vnu.com/analysis/1157634).
- Van Eechoud, M. 1998. Legal protection of geographic information in the EU. In *European geographical information infrastructures: Opportunities and pitfalls*, eds. P. Burrough and I. Masser. London: Taylor & Francis.