



GEOGRAPHIC INFORMATION SYSTEMS

Resource List

May 2009

GEOGRAPHIC INFORMATION SYSTEMS
CGTC Library Resources
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Print Books:

A to Z GIS : An Illustrated Dictionary of Geographic Information Systems / T. Wade.
Ref G 70.212 .A86 2006

Adjustment Computations : Spatial Data Analysis / C. Ghilani.
TA 556 .M38 W65 2006

An Introduction to Geographical Information Systems / I. Heywood.
G 70.212 .H49 2006

Coastal Navigation Using GPS for Sail and Power / F. Larkin.
VK 559 .L3423 2003

Collaborative Geographic Information Systems / S. Balram.
G 70.212 .C63 2006

Concepts and Techniques in Geographic Information Systems / A. Yeung.
G 70.212 .L627 2007

Confronting Catastrophe : A GIS Handbook / R. Greene.
HV 551.2 .G74 2002

Crime Analysis and Crime Mapping / R. Boba
HV 7936 .C88 B63 2005

Design and Implementation of Geographic Information Systems / J. Harmon.
G 70.212 .H36 2003

Disaster Response : GIS for Public Safety / G. Amdahl.
HV 553 .A47 2001

Encyclopedia of Geographic Information Science / K. Kemp.
Ref G 70.212 .E53 2008

Fundamentals of Geographic Information Systems / M. DeMers.
G 70.212 .D46 2005

Fundamentals of Spatial Data Quality / R. Devillers.
G 70.212 .F85 2006

Geographic Information Analysis / D. O'Sullivan.
G 70.212 .O88 2002

Geographic Information Science: Mastering the Legal Issues / G. Cho.
K 4293 .C478 2005

Geographic Information Systems: An Introduction / T. Bernhardsen.
G 70.212 .B473 2002

Geographic Information Systems and Crime Analysis / F. Wang.
HV 7936 .C88 G46 2005

Geographic Information Systems and Health Applications / O. Khan.
RA 566 .G46 2003

Geographic Information Systems and Science / P. Longley.
G 70.212 .G44553 2005

Geographic Information Systems: Applications in Forestry and Natural Resources
Management / P. Bettinger.
SD 387 .R4 B48 2004

Geographic Information Systems in Business / J. Pick.
HD 30.213 .G46 2005

Geographic Information Systems in Oceanography and Fisheries / V. Valavanis.
GC 38.5 .V35 2002

Geographical Information Systems: Principles, Techniques, Management, and
Applications / P. Longley.
G 70.212 .G465 2005

Getting to Know ArcObjects: Programming ArcGIS with VBA / R. Burke.
G 70.212 .B86 2003

GIS and Crime Mapping / S. Chainey.
HV 7936 .C88 C48 2005

GIS Applications for Water, Wastewater, and Stormwater Systems / U. Shamsi.
TD 482 .S53 2005

GIS : Geographic Information Systems for the Social Sciences: Investigating Space and
Place / S. Steinberg.
H 62 .S7542 2006

GIS in the Classroom: Using Geographic Information Systems in Social Studies and Environmental Science / M. Alibrandi.
LB 1584.7 .A45 2003

The Global Positioning System and GIS: An Introduction / M. Kennedy.
G 109.5 .K46 2002

GPS for Dummies / J. McNamara
G 109.5 .M365 2004

GPS Handbook: A Guide for the Outdoors / R. Egbert.
GV 191.623 .E43 2003

GPS Outdoors: A Practical Guide for Outdoor Enthusiasts / R. Helms.
GV 191.623 .H44 2006

GPS Satellite Surveying / A. Leick.
TA 595.5 .L45 2004

GPS the Easy Way / D. Brawn.
G 109.5 .B72 2006

GPS User Manual: Working with Garmin Receivers / D. DePriest.
G 109.5 .D3 2003

Hacking GPS / K. Kingsley-Hughes.
TK 9956 .K496 2005

How to Do Everything with Your GPS / R. Broida.
G. 109.5 .B76 2004

Integrated Geospatial Technologies : A Guide to GPS, GIS, and Data Logging /J. Thurston.
G 70.212 .T54 2003

Intelligent Positioning : GIS-GPS Unification / G. Taylor.
G 109.5 .T35 2006

Introducing Geographic Information Systems with ArcGIS / M. Kennedy.
G 70.212 .K47 2006

Introduction to Geographical Information Systems / I. Heywood.
G 70.212 .H49 2006

Introduction to Mathematical Techniques Used in GIS / P. Dale.
G 70.23 .D35 2005

Intelligent Positioning: GIS-GPS Unification / G. Taylor.
G 109.5 .T35 2006

Learning and Using Geographic Information Systems / W. Gorr.
G 70.212 .G67 2006

Mastering GPS Flying / P. Dixon.
TL 711 .B6 D58 2004

Medical Geography / M. Meade.
RA 792 .M42 2005

Outdoor Guide to Using Your GPS / S. Featherstone.
GV 191.623 .F43 2004

Outdoor Navigation with GPS / S. Hinch.
G 109.5 .H55 2004

Remote Sensing and Geographical Information System / A. Chandra.
G 70.4 .C53 2006

Spatial Data Analysis: Theory and Practice / R. Haining.
QA 278.2 .H345 2003

Spatial Portals: Gateways to Geographic Information / W. Tang.
G 70.212 T26 2005

Spatially Integrated Social Science / M. Goodchild.
HA 30.6 .S665 2004

Statistical Analysis of Geographic Information with ArcView GIS and ArcGIS / D. Wong.
G 70.212 .L43 2005

**GEOGRAPHIC INFORMATION SYSTEMS
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Online Periodical Subscriptions via [GALILEO](#):

<u>Journal Title</u>	<u>GALILEO Database</u>
<u>The Cartographic Journal</u> ISSN 0008-7041	EBSCOhost Academic Search Complete
<u>Cartographic Perspectives</u> ISSN 1048-9053	EBSCOhost Academic Search Complete
<u>GPS World</u> ISSN 1048-5104	EBSCOhost MasterFILE Premier ProQuest ABI Inform Complete
<u>International Journal of Geographical Information Science</u> ISSN 1365-8816	EBSCOhost Academic Search Complete
<u>Spatial Economic Analysis</u> ISSN 1742-1772	EBSCOhost Business Source Complete
<u>Transactions in GIS</u> ISSN 1361-1682	EBSCOhost Academic Search Complete

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Electronic Books (eBooks) via [NetLibrary](#):

Collaborative Geographic Information Systems / S. Balram.
Hershey, PA Idea Group Pub., 2006.

Distributed Hydrologic Modeling Using GIS / by B. Vieux.
Dordrecht: Kluwer, 2004.

Emerging Spatial Information Systems and Applications / B. Hilton.
Hershey, PA: Idea Group Pub., 2007.

Frontiers of Geographic Information Technology / S. Rana.
New York: Springer, 2006.

Geocomputation: A Primer / P. Longley.
New York: Wiley, 1998.

Geographic Information Metadata for Spatial Data Infrastructures / J. Nogueras-Iso.
New York: Springer, 2005.

Geographic Information Systems and Crime Analysis / F. Wang.
Hershey, PA: Idea Group Pub., 2005.

Geographic Information Systems and Public Health / A. Curtis.
Hershey, PA: IRM Press, 2006.

Geographic Information Systems for Group Decision Making / P. Jankowski.
New York: Taylor & Francis, 2001.

Geoinformation / G.Konecny.
New York: Taylor & Francis, 2003

Georeferencing: The Geographic Associations of Information / L. Hill.
Cambridge, Mass.: MIT Press, 2006.

GIS and Health / A. Gatrell.
Philadelphia, PA Taylor & Francis, 2003.

GIS and Spatial Analysis in Veterinary Science / P. Durr.
Cambridge, MA CABI Pub., 2004.

GIS in Law Enforcement: Implementation Issues and Case Studies / M. Leipnik.
New York: Taylor & Francis, 2003.

IT Roadmap to a Geospatial Future /
Washington, D.C.: National Academies Press, 2003.

Learning to Think Spatially /
Washington, D.C.: National Academies Press, 2006.

Open Source GIS: A GRASS GIS Approach / M. Neteler.
Boston: Kluwer Academic Publishers, 2004.

Practical Applications of GIS for Archaeologists / K. Wescott.
New York: Taylor and Francis, 2003.

Promoting the National Spatial Data Infrastructure Through Partnerships /
Washington, D.C.: National Academy Press, 1994.

Spatial Databases: Technologies, Techniques and Trends / Y. Mannolopoulos.
Hershey, Pa.: Idea Group Pub., 2005.

Spatial Modelling of the Terrestrial Environment / R. Kelly.
Hoboken, NJ: Wiley, 2004.

Toward a Coordinated Spatial Data Infrastructure for the Nation /
Washington, D.C.: National Academy Press, 1993.

Uncertainty in Remote Sensing and GIS / G. Foody.
Hoboken, NJ: J. Wiley, 2002.

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Video/DVD Resources:

Geographic Information Systems (DVD)

Geographic Information Systems Used in Crime Analysis (DVD)

GIS: Providing the Foundation for Real-Time Intelligence (DVD)

World in a Box: Geographic Information Systems (DVD)

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General Internet Web Resources:

Geo Community
www.geocomm.com

Geographic Information Systems Overview @ USGS
http://erg.usgs.gov/isb/pubs/gis_poster/

GIS Certification Institute
www.gisci.org

GIS Professional Organizations Links @ the University of Chicago
<http://gis.uchicago.edu/organizations.htm>

GITA – Geospatial Information & Technology Association
www.gita.org

GPS @ U.S. Federal Aviation Administration / Global Navigation Satellite Systems
www.faa.gov/about/office_org/headquarters_offices/ato/service_units/techops/navservices/gnss/gps/

GPS Tutorial @ Trimble Navigation
www.trimble.com/gps/index.shtml

Guide to Geographic Information Systems
www.gis.com

International GNSS Service
<http://igsceb.jpl.nasa.gov/>

International Global Navigation Satellite Systems Society
<http://www.ignss.org/>

University Consortium for Geographic Information Science
www.ucgis.org

U.S. Geological Survey
www.usgs.gov

U.S. Maps & Data
www.geodata.gov

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Full Text Databases Online via GALILEO :
Part of the Database Offerings in [GALILEO](#), Georgia's Virtual Library

EBSCOhost full-text journal databases:

[Academic Search Complete](#)
[Advanced Placement Source](#)
[Business Source Complete](#)
[Computer Source](#)
[MasterFILE Premier](#)
[Vocational and Career Collection](#)

LexisNexis Academic

ProQuest full-text journal databases:

[ABI Inform Complete](#)
[Career & Technical Education](#)
[Research Library](#)