

LIBROS SOBRE SISTEMAS DE INFORMACIÓN GEOGRÁFICA Y DISCIPLINAS AFINES EDITADOS A PARTIR DEL AÑO 2003

Este documento contiene el resultado de una investigación bibliográfica realizada en Internet.

La búsqueda se ha realizado a partir de: www.rediris.es/recursos , siendo el eje de la búsqueda la bibliografía relacionada a Sistemas de Información Geográfica. Complementariamente se han realizado búsquedas respecto a Ordenamiento Territorial.

Para realizar la búsqueda, tomando en cuenta que estamos a mitad del año 2005, se consideró el intervalo 2003- 2005 para considerar dos años en la búsqueda de la bibliografía.

Se detallan a continuación los resultados de las búsquedas: 30 libros en total, localizados en bibliotecas de las siguientes Instituciones:

Institución	País	Cantidad de Libros
Universidad Politécnica de Valencia	España	04
Universidades de Cataluña (catálogo colectivo)	España	01
Universidad Jaume I	España	06
Universidad de Melbourne	Australia	11
Universidad Tecnológica de Delf	Holanda	08

Universidad Politécnica de Valencia:

Sitio Web de la Biblioteca: <http://www.upv.es/bib/>

En la dirección:

http://www.upv.es/pls/obib/est_biblio.doc_rdobuscapal_marcos?p_estilo=300

se han localizado los siguientes libros:

Ndoc	228374
Autor	Coll Aliaga, Eloína
Títol	Sistemas de información geográfica : iniciación a ARCMAP / Eloína Coll Aliaga, Universidad Politécnica de Valencia, Departamento de Ingeniería Cartográfica, Geodesia y Fotogrametría, José Carlos Martínez Llario, Jesús Irigoyen Gaztelumendi
Publicació	Valencia : Editorial UPV , D.L. 2005
Desc.Física	122 p. : il. ; 24 cm.
Notes	Ref.: 2005.921

Altres autors	Universidad Politécnica de Valencia. Departamento de Ingeniería Cartográfica, Geodesia y Fotogrametría Irigoyen Gaztelumendi, Jesús Martínez Llario, José Carlos
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Ndoc	207442
Autor	Palomar Vázquez, Jesús
Títol	Sistemas de información geográfica : prácticas de aula y de laboratorio / Jesús Palomar Vázquez, Joaquín Gaspar Mora Navarro
Publicació	Valencia : Universidad Politécnica de Valencia , 2003
Desc.Física	97 p. ; 29 cm.
Notes	Ref.: 2003.590
Altres autors	Universidad Politécnica de Valencia. Departamento de Ingeniería Cartográfica, Geodesia y Fotogrametría , ed. Mora Navarro, Joaquín Gaspar
Ndoc	198507
Autor	Mora Navarro, Joaquín Gaspar
Títol	Sistemas de información geográfica aplicados a la agricultura / Joaquín Gaspar Mora Navarro, Jesús Palomar Vázquez
Publicació	Valencia : Universidad Politécnica de Valencia , 2003
Desc.Física	95 p. ; 24 cm.
Notes	Ref.: 2003.277
Altres autors	Universidad Politécnica de Valencia. Departamento de Ingeniería Cartográfica, Geodesia y Fotogrametría , ed. Palomar Vázquez, Jesús

Ndoc	213008
ISBN	8497054695
CDU	91 681
Títol	Sistemas de información geográfica aplicados a la gestión de recursos naturales [Recurso electrónico-CD-ROM] / José Luis Berné Valero ... [et al.]
Publicació	Valencia : Universidad Politécnica de Valencia , D.L. 2003
Desc.Física	1 disco (CD-Rom) ; 12 cm.
Sèrie	Proyectos
Notes	Ref.: 2003.4266 – En carat.: UPV Abierta
Matèries	Recursos naturales SIG (Sistemas de Información Geográfica)
Altres autors	Berné Valero, José Luis

Ndoc	219206
ISBN	8477868271
CDU	910
Autor	Arcila Garrido, Manuel
Títol	Sistemas de información geográfica y medio ambiente : principios básicos / Manuel Arcila Garrido

Publicació	Cádiz : Universidad de Cádiz , D.L. 2003
Desc.Física	129 p. ; 24 cm. + 1 disco (CD-Rom)
Sèrie	Textos básicos universitarios / Universidad de Cádiz ; 24
Matèries	SIG (Sistemas de Información Geográfica) Ciencias medioambientales - Servicios de información

Catálogo Colectivo de las universidades de Cataluña

<http://ccuc.cbuc.es/cgi-bin/vtls.web.gateway?authority=5856-33880&conf=080000>

<u>LOCALITZACIO</u>	 UdL	Demanar-lo
AUTOR	Ordóñez Galán, Celestino	
TÍTOL	Sistemas de información geográfica : aplicaciones prácticas con Idrisi32 al análisis de riesgos naturales y problemáticas medioambientales ; Celestino Ordoñez Galán, Roberto Martínez-Alegría López	
PUBLICACIÓ	Madrid : Ra-Ma, cop. 2003	
DESCRIPCIÓ	XIV, 227 p. : il. ; 23 cm + 1 disc òptic (CD-ROM)	
NOTA	Bibliografia. Índex	
MATÈRIA	Sistemes d'informació geogràfica	
MATÈRIA	IDRISI (Programes d'ordinador)	
ALTRE AUTOR	Martínez-Alegría López, Roberto	
ISBN	84-7897-543-8	

Universidad Jaume I

<http://violant.uji.es:8000/cgi-bin/vtls.web.gateway?authority=0646-17680&conf=050000>

SIGNATURA	G70.212 .S55 2004
TÍT. PRAL.	SIG y localización óptima de instalaciones y equipamientos coordinadores, Joaquín Bosque Sendra, Antonio Moreno Jiménez
EDITOR	Madrid Ra-Ma cop. 2004 062117110523

SIGNATURA	HT391 .O73 2004
TÍT. PRAL.	Ordenación del territorio y desarrollo sostenible José Millaruelo Aparicio, Enrique Orduña Rebollo, coordinadores
EDITOR	Buenos Aires Madrid Ciudad Argentina cop. 2004 062117110523

SIGNATURA	HT395.E86 O73 2004
TÍT. PRAL.	Ordenación del territorio y desarrollo territorial el gobierno del territorio en Europa: tradiciones, contextos, culturas y nuevas visiones Juan

	Romero González y Joaquín Farinós Dasí (eds.)
EDITOR	Gijón Trea DL 2004 062117110523

SIGNATURA	G70.2 .G47 2004
TÍT. PRAL.	Geography mark-up language (GML) Ron Lake ... [et al.]
EDITOR	Chichester John Wiley & Sons cop. 2004 062117110523

SIGNATURA	G70.2 .W67 2004
AUTOR	Worboys, Michael F.
TÍT. PRAL.	GIS a computing perspective Michael F. Worboys, Matt Duckham
EDICIÓN	2nd ed.
EDITOR	Boca Raton, FL [etc.] CRC Press cop. 2004 062117110523

SIGNATURA	G70.212 .P46 2003
AUTOR	Peng, Zhong-Ren
TÍT. PRAL.	Internet GIS distributed geographic information services for the internet and wireless networks Zhong-Ren Peng, Ming-Hsiang Tsou
EDITOR	Hoboken Wiley cop. 2003 062117110523

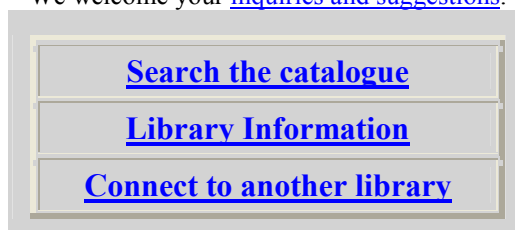
Universidad de Melbourne – Australia
<http://cat.lib.unimelb.edu.au/>

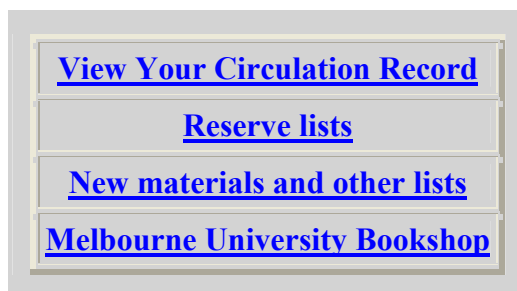
La biblioteca de la Universidad de Melbourne ofrece las siguientes facilidades:

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- The University of Melbourne
- Melbourne Business School
- Victorian College of the Arts

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En la localización siguiente se identificaron los libros que se listan a continuación:
<http://cat.lib.unimelb.edu.au/search/aWilliamson&SORT=D&searchType=a&submit=Go/awilliamson/145%2C359%2C989%2CB/frameset&FF=awilliamson+i+p+ian+philip&2%2C%2C9>

Autor [International Symposium on Spatial Data Infrastructures, \(2001 : University of Melbourne\)](#)
 Title **Developing spatial data infrastructures : from concept to reality / edited by Ian Williamson, Abbas Rajabifard, and Mary-Ellen Feeney.**
 Published New York, NY : Taylor & Francis, 2003.

LOCATION	CALL NO	STATUS
UniM Engin	910.285 INTE OVERNIGHT LOAN	AVAILABLE
UniM Engin	910.285 INTE SEVEN DAY LOAN	DUE 18-08-05
UniM Engin	910.285 INTE SEVEN DAY LOAN	AVAILABLE
UniM Engin	910.285 INTE SEVEN DAY LOAN	DUE 11-08-05

Phys desc xxviii, 316 p. : ill. ; 24 cm.
 Notes Papers from the International Symposium on Spatial Data Infrastructures, held at the University of Melbourne, Nov. 19-20, 2001.
 Biblio.. Includes bibliographical references and index.
 Other auth [Rajabifard, Abbas.](#)
[Williamson, I. P. \(Ian Philip\)](#)
[Feeney, Mary-Ellen.](#)
 Subject [Geographic information systems -- Congresses.](#)
 ISBN 041530265X (hardback : alk. paper)

Title **Foundations of geographic information science / [edited by] Matt Duckham, Michael F. Goodchild, Michael Worboys.**
 Published New York : Taylor & Francis, 2003.

LOCATION	CALL NO	STATUS
UniM Engin	910.285 FOUN	DUE 01-09-05

Phys desc 257 p. : ill. ; 24 cm.
 Biblio.. Includes bibliographical references.
 Other auth [Duckham, Matt, 1972-](#)
 [Goodchild, Michael F.](#)
 [Worboys, Michael.](#)
 Subject [Geographic information systems.](#)
 ISBN 0415307260 (cloth : alk. paper)

Author [Chiazor, Maxwell Ashibuogu.](#)
 Title **Design and development of a geographic information system for pipeline management/ by Maxwell Ashibuogu Chiazor.**
 Published 2003.

LOCATION	CALL NO	STATUS
UniM Bail T	CHIAZOR	NOT FOR LOAN

Phys desc xiii,123,[27] leaves, bound ; col. maps ; 31 cm.
 Notes Typescript (photocopy)
 Thesis (M.App.Sc.)--University of Melbourne, Dept. of Geomatics,
 Faculty of Engineering, 2003.
 Bibliog. Includes bibliographical references (leaves 112-123)
 Subject [Pipelines -- Management.](#)
 [Pipelines -- Data processing.](#)
 [Geographic information systems.](#)

Author [Alibrandi, Marsha.](#)
 Title **GIS in the classroom : using geographic information systems in social studies and environmental science / Marsha Alibrandi ;**

foreword by Charlie Fitzpatrick.

Published

Portsmouth, NH : Heinemann, c2003.

LOCATION	CALL NO	STATUS
UniM ERC TB	300 ALIB	AVAILABLE
UniM ERC TB	300 ALIB PC/MAC	ASK AT DESK

- Phys desc xv, 176 p. : ill. ; 23 cm + 1 CD-ROM (4 3/4 in.)
- Biblio.. Includes bibliographical references (p. 171-176).
- Contents What's GIS done for me lately? -- Is there any spatially intelligent life on this planet? -- Where is GIS in schools and in social studies? -
- The people must prove that there is water : an environmental community service project -- Oral history, GIS, and the Web : putting African American history on the map -- Building community and movin' on up in Motor city : Farr Tech -- Interlude for a critical perspective : are we bridging the digital divide? -- Getting behind the map : critical thinking and community service learning in the Capitol Area -- Problem solving in Canada -- Conclusions and implications.
- Notes System requirements for accompanying CD-ROM: Windows/PC: Pentium processor (233 MHz or higher), Windows 95 (or higher); Macintosh: PowerPC processor, System 8 (or higher).
- Subject [Social sciences -- Study and teaching -- United States -- Computer network resources.](#)
[Environmental sciences -- Study and teaching -- United States -- Computer network resources.](#)
[Geographic information systems.](#)
- ISBN 032500479X (alk. Paper)

Title **Socio-economic applications of geographic information science / editors, David Kidner, Gary Higgs and Sean White.**

Published London : Taylor & Francis, 2003, c2002.

LOCATION	CALL NO	STATUS
UniM Engin	300.285 SOCI	AVAILABLE

- Phys desc xiii, 287 p., [4] p. of plates : ill. (some col.), maps (some col.) ; 26 cm.
- Series [Innovations in GIS ; 9](#)
- Notes "This volume contains papers presented at the 9th Annual GIS Research UK conference held at the University of Glamorgan"-preface.
- Biblio.. Includes bibliographical references and index.

Net info [Table of contents](http://www.loc.gov/catdir/toc/fy038/2002074009.html)
<http://www.loc.gov/catdir/toc/fy038/2002074009.html>

Other auth [Higgs, Gary.](#)
[White, Sean.](#)
[Kidner, David B.](#)
[University of Glamorgan.](#)

Subject [Geographic information systems -- Congresses.](#)
[Sociology -- Data processing -- Congresses.](#)
[Economics -- Data processing -- Congresses.](#)

ISBN 0415279100 (cased)

Autor [Shekhar, Shashi, 1963-](#)

Title **Spatial databases : a tour / Shashi Shekhar, Sanjay Chawla.**

Published Upper Saddle River, N.J. : Prentice Hall, c2003.

LOCATION	CALL NO	STATUS
UniM Engin	910.285 SHEK	DUE 05-09-05

Phys desc xxiii, 262 p. : ill. ; 25 cm.

Notes "A Alan R. Apt book."

Biblio.. Includes bibliographical references (p. 250-257) and index.

Other auth [Chawla, Sanjay.](#)

Subject [Geographic information systems.](#)

ISBN 0130174807

Autor [Peng, Zhong-Ren.](#)

Title **Internet GIS : distributed geographic information services for the internet and wireless networks / Zhong-Ren Peng, Ming-hsiang Tsou.**

Published New York : Wiley, c2003.

LOCATION	CALL NO	STATUS
UniM EarthSci reserve	025.0691 PENG TWO HOUR LOAN	AVAILABLE
UniM Engin	025.0691 PENG SEVEN DAY LOAN	DUE 17-08-05
UniM Engin	025.0691 PENG SEVEN DAY LOAN	DUE 16-08-05 +1 HOLD

Phys desc xxxvi, 679 p. : ill. , 25 cm.

Bibliog. Includes bibliographical references and index.

Contents 1. GIS, Internet GIS, and Distributed GIServices -- 2. Networking Fundamentals of Internet GIS -- 3. Client/Server Computing and Distributed-Component Framework -- 4. Technology Evolutions of Web Mapping -- 5. Framework of Distributed **Geographic Information** Services -- 6. Standards for Distributed GIServices -- 7. **Geographic** Markup Language -- 8. Commercial Web Mapping Programs -- 9. Mobile GIS -- 10. Quality of Service and Security Issues in Distributed GIS -- 11. Distributed GIS in Data Warehousing and Data Sharing -- 12. Internet GIS Applications in Intelligent Transportation Systems -- 13. Internet GIS Applications in Planning and Resource Management -- 14. Conclusions and Epilogue.

Net info Table of contents
<http://www.loc.gov/catdir/toc/wiley031/2002027427.html>

Other auth [Tsou, Ming-hsiang.](#)

Subject [Geographic information systems.](#)
[Wireless communication systems.](#)
[Internet.](#)

Other titl Distributed geographic information services for the Internet and wireless networks

ISBN 0471359238 (cloth)
0471359238 (cloth : alk. paper)

Author [Harmon, John E.](#)

Title **The design and implementation of geographic information systems / John E. Harmon and Steven J. Anderson.**

Published Hoboken, N.J. : J. Wiley, c2003.

LOCATION	CALL NO	STATUS
UniM Engin	910.285 HARM	DUE 19-08-05

Phys desc viii, 264 p. ; ill. ; 25 cm.

Bibliog. Includes bibliographical references (p.).

Net info Table of contents
<http://www.loc.gov/catdir/toc/wiley031/2002032425.html>

Other auth [Anderson, Steven J., 1964-](#)

Subject [Geographic information systems.](#)

ISBN 0471204889 (alk. paper)

Author [Johnson, Jenny Marie.](#)

Title **Geographic information / Jenny Marie Johnson.**
Published Westport, Conn. : Greenwood Press, 2003.

LOCATION	CALL NO	STATUS
UniM ERC REF	016.91 JOHN	NOT FOR LOAN

Phys desc x, 216 p. : ill., maps ; 29 cm.
Series [How to find it, how to use it](#)
Bibliog. Includes bibliographical references and index.
Subject [Geography -- Bibliography.](#)
 [Cartography -- Bibliography.](#)
ISBN 1573563927 (alk. Paper)

Title **GIS in public health practice / edited by Ravi Maheswaran, Massimo Craglia.**
Published Boca Raton, FL : CRC, 2004.

LOCATION	CALL NO	STATUS
UniM Engin	614.4 GIS	DUE 26-08-05

Phys desc 308 p. : ill. ; 24 cm.
Biblio.. Includes bibliographical references and index.
Other auth [Maheswaran, Ravi.](#)
Subject [Public health -- Research -- Methodology.](#)
 [Geographic information systems.](#)
 [Public health -- Geographic information systems.](#)
 [Public health -- Information services.](#)
 [Medical geography -- Methodology.](#)
ISBN 0415306558 (alk. paper)

Author [Gilfoyle, Ian.](#)
Title **Geographic information management in local government / Ian Gilfoyle and Peter Thorpe.**
Published Boca Raton, FL : CRC Press, 2004.

LOCATION	CALL NO	STATUS
UniM Engin	910.285 GILF	DUE 19-08-05

Phys desc 243 p. : ill. ; 24 cm.
 Biblio.. Includes bibliographical references and index.
 Other auth [Thorpe, Peter, 1943-](#)
 Subject [Geographic information systems -- Government policy -- Great Britain.](#)
[Information storage and retrieval systems -- Geography -- Government policy -- Great Britain.](#)
[Local governments -- Great Britain.](#)
 ISBN 0748409351 (alk. paper)

<http://lists.webjunction.org/libweb/>

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<http://www.library.tudelft.nl/>, localizando las publicaciones que se listan a continuación en la dirección siguiente:

http://aleph.library.tudelft.nl/F/314NEX94XIC77MJXUVDLLX1D8YQ7XLHPC9JKIUIVTI1GMN4GCG-02480?func=full-set-set&set_number=931831&set_entry=000003&format=999

Title	Geographic information systems in business
Author	Pick, James B.
Publisher	Hershey : Idea Group, 2005
ISBN	1-59140-399-5
Descr.	384 blz.
Document type	monografie
Classific.	RBM / GIS (Geografische Informatie Systemen) / GIS (Geographical Information Systems)
	XXH / Marketing en marktonderzoek / Marketing and market research
Shelf number	CB XXH205

Contents	Foreword Jack Dangermond
	Preface James B. Pick
Contents	Ch. I Concepts and theories of GIS in business Peter Keenan 1
	Ch. II GIS and decision-making in business : a literature review Esperanza Huerta Celene Navarrete Terry Ryan 20
	Ch. III Techniques and methods of GIS for business Richard P. Greene John C. Stager 36
	Ch. IV Costs and benefits of GIS in business James Pick 56
	Ch. V Spatial data repositories : design, implementation and management issues Julian Ray 80
	Ch. VI Mining geo-referenced databases : a way to improve decision-making Maribel Yasmina Santos Luis Alfredo Amaral 113
	Ch. VII GIS as spatial decision support systems Suprasith Jarupathirun Fatemeh "Mariam" Zahedi 151
	Ch. VIII The value of using GIS and geospatial data to support organizational decision making W. Lee Meeks Subhasish Dasgupta 175
	Ch. IX Strategic positioning of location applications for geo-business Gary Hackbarth Brian Mennecke 198
	Ch. X Geographic information systems in health care services Brian N. Hilton Thomas A. Horan Bengisu Tulu 212
	Ch. XI GIS in marketing Nanda K. Viswanathan 236
	Ch. XII The geographical edge : spatial analysis of retail loyalty program adoption Arthur W. Allaway Lisa D. Murphy David K. Berkowitz 260
	Ch. XIII Geospatial analysis for real estate valuation models Susan Wachter Michelle M. Thompson Kevin C. Gillen 278
	Ch. XIV Monitoring and analysis of power line failures : an example of the role of GIS Oliver Fritz Petter Skerfving 301
	Ch. XV GIS in agriculture Anne Mims Adrian Chris Dillard Paul Mask 324
	Ch. XVI Isobord's geographic information system solution Derrick J. Neufeld Scott Griffith 343
	Ch. XVII GIS and the future in business IT Joseph R. Francica 358
Abstract	" Geographic Information Systems in Business contains state-of-the-art research studies on the concepts, theory, processes, and real world application of geographic information systems (GIS) in business."--BOOK JACKET.
Additional keywords	<u>Management -- Geographic information systems.</u>
	<u>Business -- Geographic information systems.</u>

Title	Introduction to mathematical techniques used in GIS
Author	Dale, Peter.
Publisher	Boca Raton : CRC Press, 2005
ISBN	0-415-33414-4
Descr.	202 blz.
Document type	monografie
Classific.	RBM / GIS (Geografische Informatie Systemen) / GIS (Geographical Information Systems)
Shelf number	CB RBM204
Contents	Ch. 1 Characteristics of geographic information p.1 Ch. 2 Numbers and numerical analysis p.9 Ch. 3 Algebra - treating numbers as symbols p.23 Ch. 4 The geometry of common shapes p.43 Ch. 5 Plane and spherical trigonometry p.59 Ch. 6 Differential and integral calculus p.77 Ch. 7 Matrices, determinants, and vectors p.91 Ch. 8 Curves and surfaces p.115 Ch. 9 Transformations p.131 Ch. 10 Basic statistics p.153 Ch. 11 Best-fit solutions p.173
Abstract	"Introduction to Mathematical Techniques Used in GIS explains to nonmathematicians the fundamentals that support the manipulation and display of geographic information . It focuses on basic mathematical techniques, building upon a series of steps that enable a deeper understanding of the complex forms of manipulation that arise in the handling of spatially related data."--BOOK JACKET.
Additional keywords	Geography -- Mathematics. Geographic information systems.

Title	Fundamentals of geographic information systems
Author	DeMers, Michael N.
Edition	3rd. ed.
Publisher	New York : Wiley, 2005
ISBN	0-471-20491-9
Descr.	467 blz.
Document type	monografie
Classific.	RBM / GIS (Geografische Informatie Systemen) / GIS (Geographical Information Systems)
Shelf number	CB RBM205

Title	Geographical information systems and science
Varying Title	Geographic information systems and science
Author	Longley, Paul A.
Edition	2nd ed.
Publisher	Chichester : Wiley, 2005
ISBN	0-470-87000-1
Descr.	517 blz.
Document type	monografie
Classific.	RBM / GIS (Geografische Informatie Systemen) / GIS (Geographical Information Systems)
Shelf number	CB RBM205
	CB RBM205
	TBM-RBM2005

Title	GIS applications for water, wastewater, and stormwater systems
Author	Shamsi, U. M.
Publisher	Boca Raton : Taylor and Francis, 2005
ISBN	0-8493-2097-6
Descr.	413 blz.
Document type	monografie
Classific.	RBM / GIS (Geografische Informatie Systemen) / GIS (Geographical Information Systems)
	TMS / Stedelijk waterbeheer: riolering en afwatering / Urban water management: sewerage and urban drainage systems
	TMA / Waterbeheer: algemeen / Water management: general
	LGN / Afvalwaterzuivering: beheer / Wastewater treatment: management
Shelf number	CB TMA205
Contents	Ch. 1 GIS applications
	Ch. 2 Needs analysis
	Ch. 3 Remote sensing applications
	Ch. 4 DEM applications
	Ch. 5 GPS applications
	Ch. 6 Internet applications
	Ch. 7 Mobile GIS
	Ch. 8 Mapping
	Ch. 9 Mapping applications
	Ch. 10 Monitoring applications
	Ch. 11 Modeling applications

	Ch. 12 Water models
	Ch. 13 Sewer models
	Ch. 14 AM/FM/GIS applications
	Ch. 15 Maintenance applications
	Ch. 16 Security planning and vulnerability assessment
	Ch. 17 Applications sampler
Abstract	"GIS Applications for Water, Wastewater, and Stormwater Systems focuses on the practical aspects of software and data tools that enable GIS applications.
	The book documents and analyzes effective use of GIS, demonstrating how you can apply the technology to make tasks easier to perform, saving time and money for your organization."--BOOK JACKET.
Additional keywords	Water -- Distribution.
	Sewage disposal.
	Runoff -- Management.
	<u>Geographic information systems.</u>

Title	Basic GIS coordinates
Author	Van Sickle, Jan.
Publisher	Boca Raton : CRC Press, 2004
ISBN	0-415-30216-1
Descr.	173 blz.
Document type	monografie
Classific.	RBM / GIS (Geografische Informatie Systemen) / GIS (Geographical Information Systems)
Shelf number	CB RBM204
Contents	Ch. 1 Foundation of a coordinate system
	Datums to the rescue p.1
	Latitude and longitude p.8
	Directions p.18
	Polar coordinates p.22
	Ch. 2 Building a coordinate system
	Legacy geodetic surveying p.35
	Ellipsoids p.36
	Datum realization p.43
	Coordinate transformation p.53
	Ch. 3 Heights
	Two techniques p.67
	Evolution of a vertical datum p.71

	The GEOID p.75
	Dynamic heights p.83
	Ch. 4 Two-coordinate systems
	State plane coordinates p.91
	UTM coordinates p.120
	Ch. 5 The rectangular system
	Public lands p.133
	System principles p.153
Additional keywords	Grids (Cartography) -- Data processing.
	<u>Geographic information systems.</u>

Title	Getting started with geographic information systems / by Keith C. Clarke
Author	Clarke, Keith C.
Edition	4th ed.
Publisher	Upper Saddle River : Prentice-Hall, 2003
ISBN	0-13-046027-3
Descr.	340 blz. + 1 CD-ROM
Series	(Prentice Hall series in geographic information science)
Document type	monografie
Classific.	RBM / GIS (Geografische Informatie Systemen) / GIS (Geographical Information Systems)
Shelf number	CB CD-ROM bijlage 657
	CB RBM201

Title	Integrated geospatial technologies : a guide to GPS, GIS, and data logging / by Jeff Thurston, Thomas K. Poiker and J.Patrick Moore
Author	Thurston, Jeff
Author	Poiker, Thomas K.
	Moore, J.Patrick
Publisher	Hoboken : Wiley, 2003
ISBN	0-471-24409-0
Descr.	266 blz.
Document type	monografie
Classific.	RBM / GIS (Geografische Informatie Systemen) / GIS (Geographical Information Systems)
	RBH / GPS (Global Positioning System) / GPS (Global Positioning System)

Shelf number	CB RBM203
General matter	Preface Acknowledgments References Index
Contents	1 Geotechnology and Integration p.1 2 Geodetics p.26 3 Cartography, Mapping, and Map Serving p.50 4 Geographic Information Systems p.83 5 Global Positioning Systems p.134 6 Geotechnology Integration p.162 7 Sensors and Instrumentation p.181 8 Digital Photogrammetry and Remote Sensing p.204 9 Visualization p.224
Additional keywords	<u>Geographic information systems.</u> <u>Global Positioning System.</u>

Title	<u>Geomatics / by Barry F. Kavanagh</u>
Author	<u>Kavanagh, Barry F.</u>
Publisher	<u>Upper Saddle River : Prentice-Hall, 2003</u>
ISBN	0-13-032289-X
Descr.	589 blz.
Document type	<u>monografie</u>
Classific.	<u>RBJ / Landmeetkunde / Land surveying</u> <u>RBK / Fotogrammetrie en remote sensing / Photogrammetry and remote sensing</u> <u>RBM / GIS (Geografische Informatie Systemen) / GIS (Geographical Information Systems)</u> <u>RBH / GPS (Global Positioning System) / GPS (Global Positioning System)</u>
Shelf number	CB RBJ203