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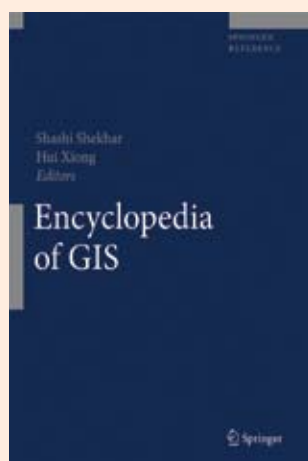
Encyclopedia of GIS

Edited by S. Shekhar and H. Xiong



- ▶ Internationally renowned Editorial Board, Shashi Shekhar world leader in the field
- ▶ Includes GIS standards by ISO
- ▶ Available online fully searchable and hyperlinked





Encyclopedia of GIS

The **Encyclopedia of GIS** features a comprehensive and authoritative treatment of Geographic Information Science, with a simple A-Z format providing easy access to the field. Extensive cross-references support efficient, user-friendly searches.

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Professor Shashi Shekhar, University of Minnesota, Minneapolis, USA

Shashi Shekhar is a McKnight Distinguished University Professor at the University of Minnesota, Minneapolis, MN, USA. He was elected an IEEE fellow for contributions to spatial database storage methods, data mining, and geographic information systems (GIS). He serves as a member of two committees of the National Research Council/National Academy of Sciences, namely, the committee on mapping sciences and the committee to review the basic and applied research at National Geospatial

Intelligence Agency. He is also serving as a co-Editor-in-Chief of *Geoinformatica: An International Journal on Advances in Computer Science for GIS* (ISSN 1384-6175) and a member of the steering committee of the ACM International Conference on Geographic Information Systems. Shekhar has co-authored a textbook on Spatial Databases which has been translated into two foreign languages. He has published over 160 research papers in peer-reviewed journals, books, at conferences, and workshops. Received a Ph.D. degree in Computer Science from the University of California (Berkeley, CA). More details are available at <http://www.cs.umn.edu/~shekhar>.



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Hui Xiong is an Assistant Professor in the Management Science and Information Systems department at Rutgers University. His research interests include data mining, spatial databases, statistical computing, and Geographic Information Systems (GIS). He has published over 20 technical papers in peer-reviewed journals and conference proceedings and is the co-editor of

the book entitled *Clustering and Information Retrieval*. He has also served on the program committees for a number of conferences and workshops. Dr. Xiong received the B.E. degree in Automation from the University of Science and Technology of China, China; the M.S. degree in Computer Science from the National University of Singapore, Singapore; and the Ph.D. degree in Computer Science from the University of Minnesota, USA. More details are available at <http://cimic.rutgers.edu/~hui>.



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Endorsements

"The Encyclopedia of GIS offers more technical computer science/mathematics information on the topic than most of the books, which are oriented more towards geography foundations. Shashi Shekhar is well recognized in this field." ► **Helena Mitasova**

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"I look forward to the Encyclopedia of GIS, given the incredible advances in this area in recent years. Both authors are well-known in their field; Dr. Shashi Shekhar is a world leader in the area." ► **Kentaro Toyama**
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