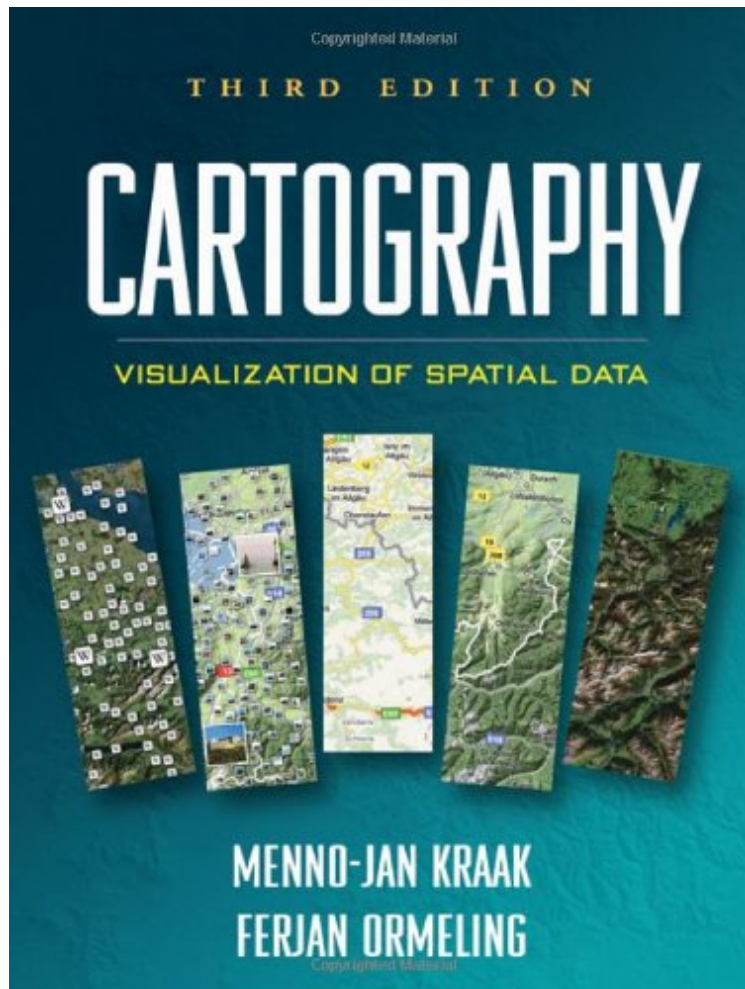


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Cartography, Third Edition: Visualization of Spatial Data

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Menno-Jan Kraak, Ferjan Ormeling : Cartography, Third Edition: Visualization of Spatial Data before purchasing it in order to gauge whether or not it would be worth my time, and all praised Cartography, Third Edition: Visualization of Spatial Data:

Integrating cutting-edge technology with traditional cartographic principles, this text provides a framework for effectively visualizing and analyzing geospatial data. It gives students critical concepts and methods for harnessing the enormous amount of geospatial data that is available on the Internet and creating maps that can support real-world decision making. The writing style is straightforward and accessible. Illustrated throughout with highly instructive diagrams and sample maps, the book includes 58 color plates.

"Kraak and Ormeling's text represents the best integration of geographic information science and cartography to date. It tightly integrates geospatial technologies and cartography into a comprehensive view of current practice. The book's coverage of theoretical and technical aspects of cartography would be useful for introductory and intermediate courses that utilize geographic information systems for lab exercises."--Charles P. Rader, Department of Geography and Mapping Sciences, University of Wisconsin-River Falls

"This text presents technology and mapping concepts as one integral whole to help students navigate the complex world of contemporary multimedia. Kraak and Ormeling are experienced practitioners who go beyond cartographic basics to explain the fundamentals of spatial data serving online, spatial analysis, and animation. This is an excellent text for an upper-level class in geovisualization or multimedia."--Margaret W. Pearce, Department of Geography, University of Kansas

"This up-to-date book reflects the latest trends in dynamic mapping and geovisualization. Kraak and Ormeling present a thorough, current discussion of principles and best practices for visualization of spatial data. They explain cartographic theory and provide examples of relevant applications. This is a valuable resource for students new to using GIS for spatial data visualization, as well as for more advanced cartographers interested in furthering their knowledge of principles of dynamic geovisualization design. For the practitioner, the book also includes valuable information on copyright issues, cartographic liability, and methods for testing usability of map designs."--Sarah Battersby, Department of Geography, University of South Carolina

"The third edition of this popular text adds exciting new material, reflecting significant recent changes in cartography. These include the rapid growth of personal location-based services, the launch of Google Earth and Google Maps and their competitors, and the advances that have been made in the science of geovisualization. Maps are now a standard part of everyone's digital world and essential accessories to modern life. This book will be invaluable as a classroom text and professional resource."--Michael F. Goodchild, Department of Geography, University of California, Santa Barbara