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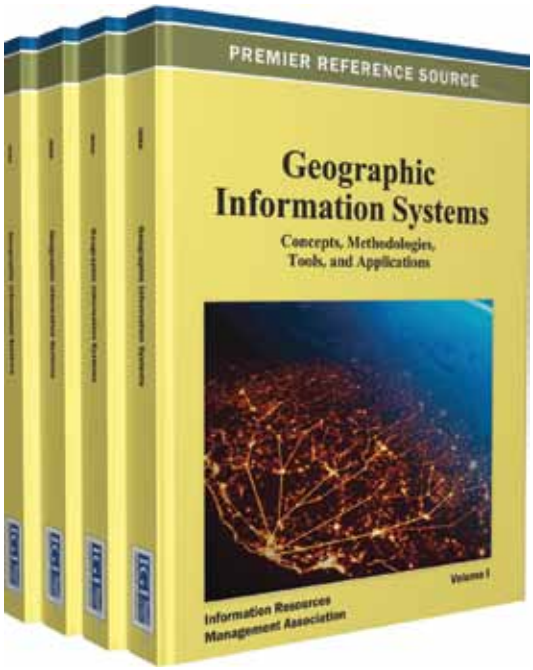
Geographic Information Systems: Concepts, Methodologies, Tools, and Applications



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Developments in technologies have evolved in a much wider use of technology throughout science, government, and business; resulting in the expansion of geographic information systems. GIS is the academic study and practice of presenting geographical data through a system designed to capture, store, analyze, and manage geographic information.

Geographic Information Systems: Concepts, Methodologies, Tools, and Applications is a collection of knowledge on the latest advancements and research of geographic information systems. This book aims to be useful for academics and practitioners involved in geographical data.

Topics Covered:

- Geographical Data
- Geographic Information Systems
- Spatial Data Infrastructure
- Database Technology
- Spatial Decision Support Theory
- Geographic Information Analysis

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