ENCYCLOPEDIA OF GEOGRAPHIC INFORMATION SCIENCE



The Encyclopedia of Geographic Information Science covers the essence of this exciting, new, and expanding field in an easily understood but richly detailed style. In addition to contributions from some of the best recognized scholars in GISci, this volume contains entries by experts in the field's supporting disciplines. They explore how their disciplinary perspectives are expanded within the context of GISci: What changes when consideration of location is added to a project? What complexities in analytical procedures increase when we consider objects in 2, 3, or even 4 dimensions? And what can we gain by visualizing our analytical results on a 2D map or a 3D display?

Key Features

- Brings together in one resource GISci and GIS literature that is spread widely across the academic spectrum
- Offers details about the key foundations of GIScience, no matter what their disciplinary origins
- · Elucidates vocabulary from the field's various disciplines

Key Themes

- Analytical Methods
- Cartography and Visualization
- Conceptual Foundations
- Data Manipulation
- Data Modeling
- Design Aspects
- Geocomputation
- Geospatial Data
- Organizational and Institutional Aspects
- Societal Issues

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