

1. Record Nr.	UNINA9910583345103321
Autore	Laurini Robert
Titolo	Geographic knowledge infrastructure : applications to territorial intelligence and smart cities // Robert Laurini
Pubbl/distr/stampa	London, [England] ; ; Oxford, [England] : , : ISTE : , : Elsevier, , 2017 ©2017
ISBN	0-08-102352-9
Descrizione fisica	1 online resource (314 pages)
Disciplina	307.12160285
Soggetti	City planning - Data processing Regional planning - Data processing Geographic information systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	From geodata to geographic knowledge -- Knowledge representation -- Towards geographic knowledge systems -- Geographic objects -- Geographic relations -- Geographic ontologies -- Complex geographic objects and structures -- Gazetteers and multilingualism -- Geographic knowledge discovery and data mining -- Geographic applicative rules -- Geovisualization and chorems - GKS: querying and interoperability -- Conclusion: knowledge as infrastructure for smart governance.
Sommario/riassunto	This book studies the specific nature of geographic knowledge and the structure of geographic knowledge bases. Geographic relations, ontologies, gazetteers and rules are detailed as the basic components of such bases, and these rules are defined to develop our understanding of the mechanisms of geographic reasoning. The book examines various problems linked to geovisualization, chorems, visual querying and interoperability to shape knowledge infrastructure for smart governance.