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Descrizione fisica	1 online resource (335 p.)
Collana	Advances in Geographic Information Science, , 1867-2434
Disciplina	910.285
Soggetti	Geographical information systems Regional planning Urban planning Mathematical analysis Analysis (Mathematics) Environmental management Earth sciences Geographical Information Systems/Cartography Landscape/Regional and Urban Planning Analysis Environmental Management Earth Sciences, general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Part I: Preliminaries -- GIScience Approaches to MCDA -- Overview of GIS-MCDA -- GIS-MCDA: A -- Survey of the Literature -- Part II: Spatial MCDA: Methods.-Multiattribute Decision Analysis Methods -- Multiobjective Optimization Methods -- Artificial Intelligence Methods -- Dealing with Uncertainties -- Geographic Visualisation and MCDA -- Multi-scale GIS-MCDA -- Spatial-temporal MCDA -- Part III: Spatial MCDA: Technologies -- Desktop GIS-MCDA -- Client/Server-based GIWS-MCDA.
Sommario/riassunto	This book is intended for the GIS Science and Decision Science communities. It is primarily targeted at postgraduate students and

practitioners in GIS and urban, regional and environmental planning as well as applied decision analysis. It is also suitable for those studying and working with spatial decision support systems. The main objectives of this book are to effectively integrate Multicriteria Decision Analysis (MCDA) into Geographic Information Science (GIScience), to provide a comprehensive account of theories, methods, technologies and tools for tackling spatial decision problems and to demonstrate how the GIS-MCDA approaches can be used in a wide range of planning and management situations.
