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| Autore                  | Malczewski Jacek   |
| Titolo                  | Multicriteria Decision Analysis in Geographic Information Science // by Jacek Malczewski, Claus Rinner   |
| Pubbl/distr/stampa      | Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2015   |
| ISBN                    | 3-540-74757-5  |
| Edizione                | [1st ed. 2015.]  |
| Descrizione fisica      | 1 online resource (335 p.)   |
| Collana                 | Advances in Geographic Information Science, , 1867-2434  |
| Disciplina              | 910.285  |
| Soggetti                | Geographical information systems<br>Regional planning<br>Urban planning<br>Mathematical analysis<br>Analysis (Mathematics)<br>Environmental management<br>Earth sciences<br>Geographical Information Systems/Cartography<br>Landscape/Regional and Urban Planning<br>Analysis<br>Environmental Management<br>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.

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