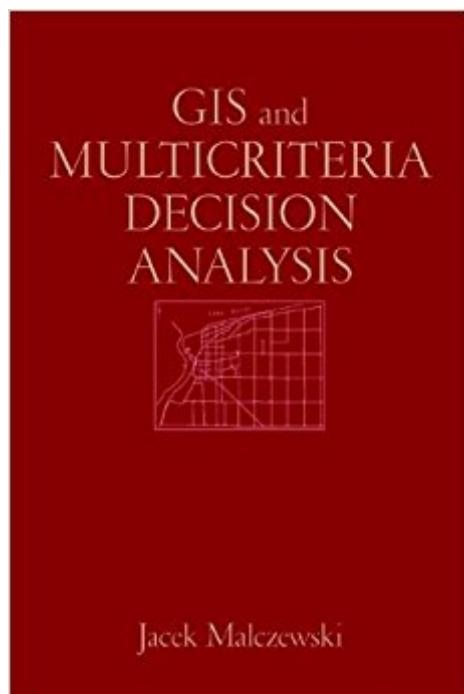


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# GIS And Multicriteria Decision Analysis



## **Synopsis**

From selecting sites for new hospitals, schools, and factories, to managing forests and rivers, to creating and maintaining highways and bridges, public and private organizations are often called on to make decisions on geographic questions that involve a multitude of alternatives and often conflicting evaluation criteria. This book presents a formal mechanism for dealing with these situations, capturing the information in a Geographic Information System and processing it to derive optimal recommendations for confronting these complex questions.

## **Book Information**

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Average Customer Review: 4.6 out of 5 starsÂ  See all reviewsÂ  (5 customer reviews)

Best Sellers Rank: #270,442 in Books (See Top 100 in Books) #55 inÂ  Books > Computers & Technology > Graphics & Design > Computer Modelling > Remote Sensing & GIS #57 inÂ  Books > Science & Math > Earth Sciences > Geography > Information Systems #182 inÂ  Books > Science & Math > Earth Sciences > Geography > Regional

## **Customer Reviews**

This book is very well written and contains tons of useful information. I wouldn't try to do a GIS decision model without it. It describes common modeling mistakes to avoid and provides plenty of examples. I haven't found any other texts that are this in-depth, describing every step of the modeling process in detail.

This book is a must for everyone wanting to learn more about decision making and wanting to understand the concepts behind it. The examples draw heavily on raster GIS, still the concepts behind various techniques and approaches are explained to the point. This book covers all and more of what you will ever need to know. The perfect and crisp clear step by step illustrations make this book a great textbook for academic teaching as well. My students were actually in awe that seemingly difficult concepts could be boiled down to a few simple pictures.

This is a very good book for those who are in decision analysis. However, the book needs more clarity of concepts and should include advanced concepts like Analytical Network Process (ANP), genetic algorithms etc. and their deployment to GIS. These are the precursors to become a "Hand Book" for GIS world.

Very good introduction about the combination of GIS technologies and multi-criteria analysis. The combination of both provide a good tool for planning and decision making

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