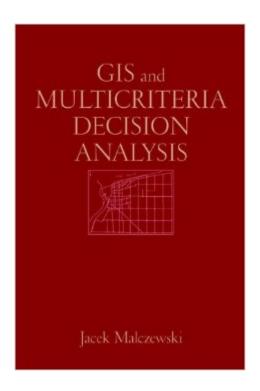
# The book was found

# 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**

Hardcover: 408 pages

Publisher: Wiley (April 5, 1999)

Language: English

ISBN-10: 0471329444

ISBN-13: 978-0471329442

Product Dimensions: 6.4 x 1 x 9.3 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 stars Â See all reviews (5 customer reviews)

Best Sellers Rank: #270,442 in Books (See Top 100 in Books) #55 in Books > Computers & Technology > Graphics & Design > Computer Modelling > Remote Sensing & GIS #57 in Books

> Science & Math > Earth Sciences > Geography > Information Systems #182 in 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 books 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

#### Book came slightly damaged

#### Download to continue reading...

GIS and Multicriteria Decision Analysis Designing Better Maps: A Guide for GIS UsersA Guide for GIS Users Beyond Maps: GIS Decision Making in Local Government Critical Thinking: Decision Making with Smarter Intuition and Logic! (Critical Thinking, Decision Making, Logic, Intuition) The Esri Guide to GIS Analysis, Volume 2: Spatial Measurements and Statistics GIS and Spatial Analysis in Veterinary Science GIS Tutorial 2: Spatial Analysis Workbook The ESRI Guide to GIS Analysis Volume 1: Geographic Patterns & Relationships Roadway Work Zone Analysis: Guidance for Decision-makers and Analysts (Transportation Infrastructure-Roads, Highways, Bridges, Airports and Mass Transit) Extended Warranties, Maintenance Service and Lease Contracts: Modeling and Analysis for Decision-Making (Springer Series in Reliability Engineering) Value of Information in the Earth Sciences: Integrating Spatial Modeling and Decision Analysis Location Theory and Decision Analysis: Analytics of Spatial Information Technology Negotiation Analysis: The Science and Art of Collaborative Decision Making Datums and Map Projections: For Remote Sensing, GIS and Surveying, Second Edition Mapping and Modeling Weather and Climate with GIS Placing History: How Maps, Spatial Data, and GIS Are Changing Historical Scholarship GIS Algorithms (SAGE Advances in Geographic Information Science and Technology Series) GIS and Land Records: The Parcel Data Model Integrating GIS and the Global Positioning System GIS and Public Health

**Dmca**