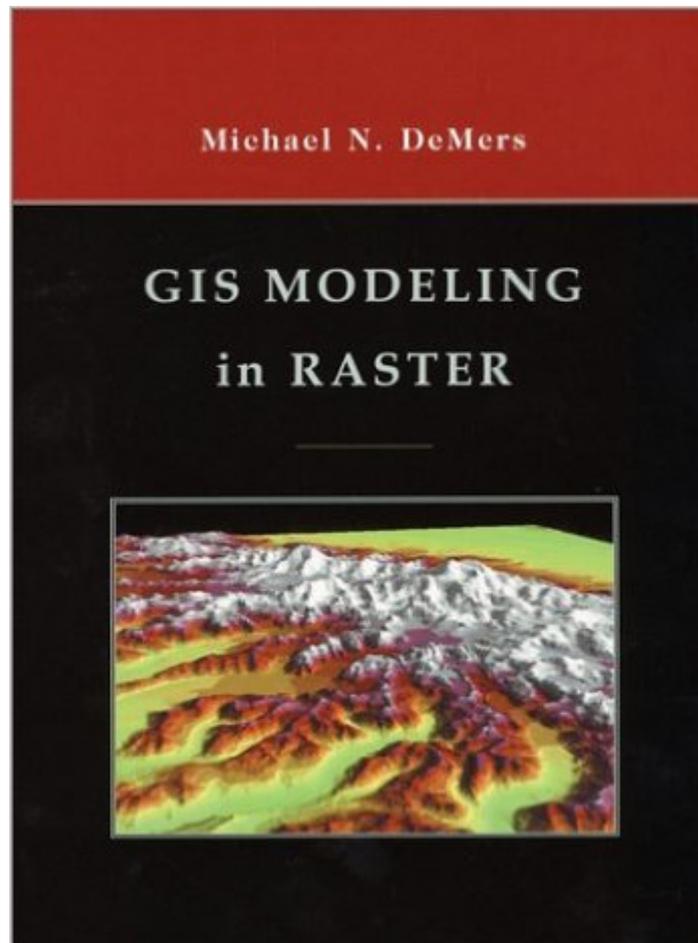


The book was found

# GIS Modeling In Raster



## Synopsis

The primary focus of this text is on the process of cartographic modeling and GIS modeling. The text goes beyond cartographic modeling to incorporate supplementary or complementary technologies and logics to show that spatio-temporal modeling is not limited to cartographic modeling, nor to Map Algebra. DeMers consistent, friendly and engaging style has been highly praised by reviewers of this title as well as users of his market leading Fundamentals of Geographic Information Systems.

## Book Information

Hardcover: 320 pages

Publisher: Wiley; 1 edition (August 3, 2001)

Language: English

ISBN-10: 0471319651

ISBN-13: 978-0471319658

Product Dimensions: 8.7 x 0.6 x 11.4 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 stars [See all reviews](#) (8 customer reviews)

Best Sellers Rank: #979,019 in Books (See Top 100 in Books) #80 in [Books > Computers & Technology > Programming > Graphics & Multimedia > GIS](#) #155 in [Books > Science & Math > Earth Sciences > Cartography](#) #219 in [Books > Computers & Technology > Graphics & Design > Computer Modelling > Remote Sensing & GIS](#)

## Customer Reviews

If you're interested in working with raster data (that's the pixellated kind, like digital photos or elevation maps) this is a decent introduction and mid-level instructional text. It covers what some of the raster file formats include, some of the algebra and functions you can perform with raster files, and a number of other related topics. It's also a pretty short read, as textbooks go.

I disagree in part with the comments below. This book covers most basic aspects of raster-based modeling. Most GIS books I come across seem to focus on vector format data and concepts. I found this book is a breath of fresh air. And it doesn't limit itself to one particular GIS software package and their algorithms when discussing raster abilities. My only negative comments are that it often seems too wordy (although that may be a function of the book layout, it's printed on 8.5 x 11 paper and many pages are single column text only which really appear daunting when looking at

them), some subjects could use better, more in-depth coverage with diagrams and figures, and the price. Raster-based modeling is a rich environment with great potential and I think this book gives a much better introduction than more general GIS books. In addition to this book, I would also recommend books by Joseph K Berry for more advanced raster analysis topics.

We used this book in a class several years ago. It was a little dense, but most text books are. It was quite good, and now that I'm teaching GIS to high school kids, I have referred to it several times in order to help describe a concept or technique. It's probably not the best, but it's pretty good for the price.

I have to agree with the above review - over-simplified explanations of the easier topics, then no information on the more difficult ones. A glossary of some of the more complicated terminology would also be EXTREMELY helpful. The diagrams that are included are confusing, particularly the ones that contain mistakes! I am disappointed with this book, but according to my professor this is the best book available right now. COULD SOMEONE PLEASE WRITE A BETTER BOOK????

[Download to continue reading...](#)

GIS Modeling in Raster Designing Better Maps: A Guide for GIS Users  
A Guide for GIS Users  
Designing Geodatabases: Case Studies in GIS Data Modeling Mapping and Modeling Weather and Climate with GIS  
Microsoft Excel 2013 Data Analysis and Business Modeling: Data Analysis and Business Modeling (Introducing)  
3D Modeling For Beginners: Learn everything you need to know about 3D Modeling!  
Introduction to the Numerical Modeling of Groundwater and Geothermal Systems: Fundamentals of Mass, Energy and Solute Transport in Poroelastic Rocks (Multiphysics Modeling)  
Geochemical Modeling of Groundwater, Vadose and Geothermal Systems (Multiphysics Modeling)  
Mathematical Modeling of Collective Behavior in Socio-Economic and Life Sciences (Modeling and Simulation in Science, Engineering and Technology)  
Student Solutions Manual for Differential Equations: Computing and Modeling and Differential Equations and Boundary Value Problems: Computing and Modeling  
GIS Tutorial 1: Basic Workbook, 10.3 Edition  
GIS Tutorial 1: Basic Workbook, 10.1 Edition  
GIS Tutorial 2: Spatial Analysis Workbook Exploring the Urban Community: A GIS Approach (2nd Edition) (Pearson Prentice Hall Series in Geographic Information Science (Hardcover))  
GIS Tutorial for Health, fifth edition  
Getting to Know Web GIS: Second Edition  
Placing History: How Maps, Spatial Data, and GIS Are Changing Historical Scholarship  
GIS for Critical Infrastructure Protection  
GIS Tutorial 3: Advanced Workbook  
The Esri Guide to GIS Analysis, Volume 2: Spatial Measurements and Statistics

