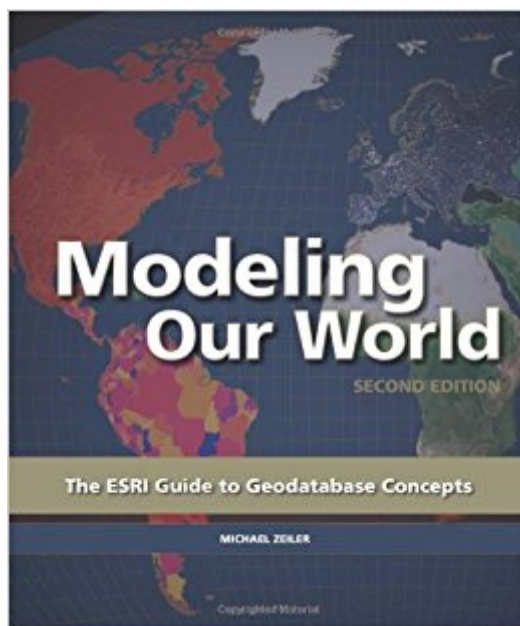The book was found

Modeling Our World: The ESRI Guide To Geodatabase Concepts

Synopsis

Modeling Our World presents a complete survey of the geodatabase information model. Updated to reflect recent changes in ArcGIS software, this book explains how to use geodatabase structural elements to promote best practices for data modeling and powerful geographic analyses; how to use rules and data properties in the geodatabase to ensure spatial and attribute integrity; how to manage your organizations work flow; how to scale geodatabases from small projects up to multiple departments across a large organization.Ã Â

Book Information

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Customer Reviews

Michael Zieler is a designer for ESRI. HeÃ Â has more than 20 years of experience diagramming GISÃ Â concepts, building data models, and programming. Zeiler authored the first edition of Modeling Our World and Inside ARC/INFO (OnWord Press, 2000).

When you think of GIS and understand how it functions people tend to look at the tools (aka toys) but the Geodatabase concepts really get to the foundation of what you need to get started. Of course it is boring compared to the tools but Zeiler and company do a good job here communicating graphically and in words the reality we see in the world and make a good transition to the abstractions of the geodatabase. The LIDAR section was great and this book is a good reference to have when you are working with various data models. It would have been five stars but in the raster section they should have mentioned gps photographs. With several gps cameras on the market the

author simply says that photographs do not have a spatial reference.

I ordered this because it was required reading for an advanced GIS class. I can use ESRI's software, but I don't have an advanced degree in computer science. For me, running through tutorials on the subjects covered is way better than slogging through this text. It's heavily technical and thick, though the graphics are really lovely. Big fan of ESRI products and online resources but didn't get much out of this text.

This was the other book ESRI gave to all User Conference attendees back in the day. Get it for your bookshelf

Shipping was fast. Book was as expected.

An excellent overview of the spectrum of GIS capabilities with examples from several industries. Very well presented - clearly written and illustrated.

Modeling Our World is likely the most authoritative text currently available about geodatabases. The sheer amount of information here and breadth of topics covered make it an excellent reference for anyone in the GIS field. Given its publication date of 2010 I was concerned the text would be out of date, but it turns out that's not the case. This is strictly a reference book. There are no exercises requiring a certain edition of ArcGIS software to complete, nor are there any how-to guides with screenshots explaining how to perform a task. The text simply discusses the overarching concepts in geodatabases. Projections, versioning, linear referencing, geocoding...the ideas behind all of these and more will not change, even when the software does. Perhaps the final chapter, which includes some Python code, will become (or maybe already is) outdated, but even then it would only affect 4 pages and still wouldn't change the fact you have to import a module or specify a workspace.With that being said, the book's not perfect. Chapter reviews only appear at the end of the longest chapters, but having these at the end of every chapter would be better. A glossary would also be helpful considering how much is covered here, but there isn't one. Including 3 or 4 review questions about the major themes at the end of a chapter would help readers retain information, but there aren't any. Typos are fairly common, and sometimes the wording is confusing, requiring the reader to review a sentence multiple times to truly understand what the author is trying to convey.For an example of the wording issue, see the first sentence of page 208:"You use mosaic

methods in a mosaic dataset to control what raster data is presented each time a mosaic (from the mosaic dataset) is displayed."It's not that passages like this have any kind of technical error, it's that in the interest of being as precise as possible by eliminating pronouns and condensing everything into single sentences they've become unnecessarily hard to read.Still, none of this negates the fact that overall the book is informative and useful. Full-color charts, diagrams, and tables appear throughout it. It's well organized, and outside of ESRI's online help pages you're unlikely to find anything on geodatabases this thorough. Modeling Our World explores the possibilities of ArcGIS and yet still only begins to scratch the surface - the numerous analyst extensions and spatial statistics barely noted here. The concepts aren't limited to a single version of the software, and given how it discusses them this book would likely be useful to users of other GIS software as well.

This book has great detail about everything GIS!

Great

Modeling Our World: The ESRI Guide to Geodatabase Concepts The ESRI Guide to GIS Analysis Volume 1: Geographic Patterns & Relationships The Esri Guide to GIS Analysis, Volume 2: Spatial Measurements and Statistics Notes and Comments on the Composition of Terrestrial and Celestial Maps (Esri Press Classics) Esri Map Book: Volume 32 Chirelstein's Federal Income Taxation: A Law Student's Guide to the Leading Cases and Concepts (Concepts and Insights) (Concepts and Insights Series) Inheritance: How Our Genes Change Our Lives--and Our Lives Change Our Genes The Mind-Gut Connection: How the Hidden Conversation Within Our Bodies Impacts Our Mood, Our Choices, and Our Overall Health The Model's Bible & Global Modeling Agency Contact List - An Insider's Guide on How to Break into the Fashion Modeling Industry 3ds Max Modeling for Games: Insider's Guide to Game Character, Vehicle, and Environment Modeling: Volume I 3ds Max Modeling for Games: Insider's Guide to Game Character, Vehicle, and Environment Modeling: 1 Modeling Agency Tips: Get Listed with Fashion Modeling Agencies and Find Your Dream Job Atmospheric and Space Flight Dynamics: Modeling and Simulation with MATLABÃ Â® and SimulinkÃ Â® (Modeling and Simulation in Science, Engineering and Technology) Introduction to the Numerical Modeling of Groundwater and Geothermal Systems: Fundamentals of Mass, Energy and Solute Transport in Poroelastic Rocks (Multiphysics Modeling) Modeling Dynamic Biological Systems (Modeling Dynamic Systems) Dynamic Modeling in the Health Sciences (Modeling Dynamic Systems) High-Speed Heterostructure Devices: From Device Concepts to Circuit Modeling

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