

Fundamentals of Geographic Information Systems

By Michael N. DeMers



Download



Read Online



Get Print Book

Fundamentals of Geographic Information Systems By Michael N. DeMers

Locate your place in the exciting field of GIS

In existence since 1962, Geographical Information Systems (GIS) are really coming into their own today. And not just in your car's GPS system or your cell phone's tracking capabilities. GIS is finding applications throughout science, government, business, and industry, from regional and community planning, architecture, and transportation to public health, crime mapping, and national defense.

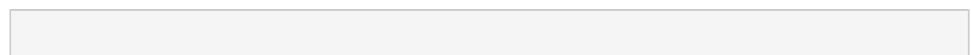
Michael DeMers's Fundamentals of Geographic Information, Fourth Edition brings an already essential text up to date, capturing the significant developments in the field and responding to the needs of a diverse set of readers, from geographers to students in a host of other fields.

If you are a non-geographer or new to GIS, get a quick introduction to the "lay of the land" of GIS through the new "Spatial Learner's Permit" section. Then join in the excitement of discovery with GIS databases as you absorb the such concepts and skills as digital geographic data and maps, GIS data models, spatial analysis, measurement and classification, cartographic modeling, and GIS design.

Responding to both the needs and technical skills of today's students, this Fourth Edition:

- * Makes concepts accessible to students from a wide range of backgrounds
- * Offers more practical and relevant coverage of GIS design and implementation
- * Reflects the latest changes in GIS applications
- * Examines in greater depth the underlying computer science behind GIS
- * Uncovers the most recent developments on GIS research
- * Expands coverage of the increasingly robust literature on cartographic visualization
- * Includes Web-based labs and links to current and updated dataset resources

Taking an open-ended, hands-on approach that gets you to ask your own questions about the underlying concepts, the Fourth Edition helps you not only master the basics but acquire the active problem-solving skills that are a key component of success in the GIS industry.



 [**Download** Fundamentals of Geographic Information Systems ...pdf](#)

 [**Read Online** Fundamentals of Geographic Information Systems ...pdf](#)

Fundamentals of Geographic Information Systems

By Michael N. DeMers

Fundamentals of Geographic Information Systems By Michael N. DeMers

Locate your place in the exciting field of GIS

In existence since 1962, Geographical Information Systems (GIS) are really coming into their own today. And not just in your car's GPS system or your cell phone's tracking capabilities. GIS is finding applications throughout science, government, business, and industry, from regional and community planning, architecture, and transportation to public health, crime mapping, and national defense.

Michael DeMers's Fundamentals of Geographic Information, Fourth Edition brings an already essential text up to date, capturing the significant developments in the field and responding to the needs of a diverse set of readers, from geographers to students in a host of other fields.

If you are a non-geographer or new to GIS, get a quick introduction to the "lay of the land" of GIS through the new "Spatial Learner's Permit" section. Then join in the excitement of discovery with GIS databases as you absorb the such concepts and skills as digital geographic data and maps, GIS data models, spatial analysis, measurement and classification, cartographic modeling, and GIS design.

Responding to both the needs and technical skills of today's students, this Fourth Edition:

- * Makes concepts accessible to students from a wide range of backgrounds
- * Offers more practical and relevant coverage of GIS design and implementation
- * Reflects the latest changes in GIS applications
- * Examines in greater depth the underlying computer science behind GIS
- * Uncovers the most recent developments on GIS research
- * Expands coverage of the increasingly robust literature on cartographic visualization
- * Includes Web-based labs and links to current and updated dataset resources

Taking an open-ended, hands-on approach that gets you to ask your own questions about the underlying concepts, the Fourth Edition helps you not only master the basics but acquire the active problem-solving skills that are a key component of success in the GIS industry.

Fundamentals of Geographic Information Systems By Michael N. DeMers Bibliography

- Sales Rank: #330390 in Books
- Published on: 2008-04-04
- Original language: English
- Number of items: 1
- Dimensions: 10.12" h x .84" w x 7.30" l, 1.74 pounds
- Binding: Hardcover
- 464 pages

 [**Download** Fundamentals of Geographic Information Systems ...pdf](#)

 [**Read Online** Fundamentals of Geographic Information Systems ...pdf](#)

Editorial Review

From the Back Cover

Locate *your* place in the exciting field of GIS

In existence since 1962, Geographical Information Systems (GIS) are really coming into their own today. And not just in your car's GPS system or your cell phone's tracking capabilities. GIS is finding applications throughout science, government, business, and industry, from regional and community planning, architecture, and transportation to public health, crime mapping, and national defense.

Michael DeMers's *Fundamentals of Geographic Information, Fourth Edition* brings an already essential text up to date, capturing the significant developments in the field and responding to the needs of a diverse set of readers, from geographers to students in a host of other fields.

If you are a non-geographer or new to GIS, get a quick introduction to the "lay of the land" of GIS through the new "Spatial Learner's Permit" section. Then join in the excitement of discovery with GIS databases as you absorb the such concepts and skills as digital geographic data and maps, GIS data models, spatial analysis, measurement and classification, cartographic modeling, and GIS design.

Responding to both the needs and technical skills of today's students, this *Fourth Edition*:

- Makes concepts accessible to students from a wide range of backgrounds
- Offers more practical and relevant coverage of GIS design and implementation
- Reflects the latest changes in GIS applications
- Examines in greater depth the underlying computer science behind GIS
- Uncovers the most recent developments on GIS research
- Expands coverage of the increasingly robust literature on cartographic visualization
- Includes Web-based labs and links to current and updated dataset resources

Taking an open-ended, hands-on approach that gets you to ask your own questions about the underlying concepts, the *Fourth Edition* helps you not only master the basics but acquire the active problem-solving skills that are a key component of success in the GIS industry.

About the Author

Michael N. DeMers is an Associate Professor of Geography at New Mexico State University. He holds a BS and MS from University of North Dakota, and a Ph.D from University of Kansas.

Users Review

From reader reviews:

Christine Kaufman:

Have you spare time for any day? What do you do when you have a lot more or little spare time? Yes, you can choose the suitable activity intended for spend your time. Any person spent their very own spare time to take a move, shopping, or went to the actual Mall. How about open or even read a book allowed

Fundamentals of Geographic Information Systems? Maybe it is to be best activity for you. You understand beside you can spend your time with your favorite's book, you can wiser than before. Do you agree with their opinion or you have different opinion?

Julia Hanson:

Hey guys, do you desires to finds a new book to read? May be the book with the concept Fundamentals of Geographic Information Systems suitable to you? Typically the book was written by famous writer in this era. The actual book untitled Fundamentals of Geographic Information Systems is the main of several books that will everyone read now. This particular book was inspired lots of people in the world. When you read this publication you will enter the new age that you ever know before. The author explained their strategy in the simple way, thus all of people can easily to understand the core of this book. This book will give you a wide range of information about this world now. In order to see the represented of the world in this particular book.

Ira Atwood:

Playing with family inside a park, coming to see the water world or hanging out with buddies is thing that usually you have done when you have spare time, after that why you don't try factor that really opposite from that. One particular activity that make you not sense tired but still relaxing, trilling like on roller coaster you are ride on and with addition of information. Even you love Fundamentals of Geographic Information Systems, you can enjoy both. It is excellent combination right, you still need to miss it? What kind of hangout type is it? Oh come on its mind hangout fellas. What? Still don't buy it, oh come on its identified as reading friends.

Stanley Rivas:

A lot of guide has printed but it differs from the others. You can get it by online on social media. You can choose the most beneficial book for you, science, comic, novel, or whatever through searching from it. It is referred to as of book Fundamentals of Geographic Information Systems. You can add your knowledge by it. Without making the printed book, it might add your knowledge and make a person happier to read. It is most significant that, you must aware about publication. It can bring you from one spot to other place.

Download and Read Online Fundamentals of Geographic Information Systems By Michael N. DeMers #ZJVABONFW45

Read Fundamentals of Geographic Information Systems By Michael N. DeMers for online ebook

Fundamentals of Geographic Information Systems By Michael N. DeMers Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Fundamentals of Geographic Information Systems By Michael N. DeMers books to read online.

Online Fundamentals of Geographic Information Systems By Michael N. DeMers ebook PDF download

Fundamentals of Geographic Information Systems By Michael N. DeMers Doc

Fundamentals of Geographic Information Systems By Michael N. DeMers Mobipocket

Fundamentals of Geographic Information Systems By Michael N. DeMers EPub