



GIS Data Sources

By Drew Decker



GIS Data Sources By Drew Decker

Put the world of GIS data resources at your command—

GIS users routinely encounter key questions about the data needed for their projects: Where did the data come from? Is this the best data available? How can the data be loaded to make it work? What about creating original data? With a broad range of GIS data options to choose from, knowing how to find, select, and use the most appropriate resources for different purposes is absolutely essential in order to keep costs down and make the most of the technology.

Filled with crucial information for today's GIS users, this book offers a comprehensive, straightforward reporting on GIS data sources--what they are, how to find them, and how to determine the right source for a given project. Beginning with a thorough review of the basic GIS data types and groups, *GIS Data Sources* shows how to define specific data needs for a project and accurately envision how the data will look and act once it is applied.

The next step is to locate and obtain the data. Here the book presents a wealth of data sources, with added guidance on creating original data and important information on suitable applications for different types of data. Nuts-and-bolts material on data formats, media, compression, and downloading helps users acquire and use GIS data easily and avoid the technical snags that can slow a project down.

In addition, the book's extensive resource listings provide details on where to find GIS information on the Internet, and a complementary Web site (www.gisdatasources.com) provides further data links and updates to help jump-start your projects.

With invaluable time-and cost-saving advice and answers to a host of common GIS data questions, *GIS Data Sources* is a powerful new tool for users of the technology in any field.

Drew Decker is Texas State Cartographer with the Texas Natural Resources Information System in Austin, Texas. He serves as Co-chair of the Texas Geographic Information Council's Technical Advisory Committee and is the Project Manager of the Texas Strategic Mapping Program.

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Editorial Review

Review

“...this book is very informative, concise and deserves a wide readership..” (Transactions of the Institute of British Geography, Vol.27, No.3, 2002)

From the Author

GIS Data Sources is a new book designed to show people in any profession the value of digital geographic data. The display of geographic data has kept pace with the rest of information technology and now there are literally thousands of sources for digital data describing the locations of most anything you can think of. Spatial data are available on business, demographics, the environment, and societal issues. Much of the data are free too.

Today's geographic resources can be used by professionals and researchers in many fields. For example, digital information on habitat helps the biologist; information on roads and population helps the city planner. Geographic Information System (GIS) software, which is becoming more of part of common pc software suites, allows us to manipulate these data for our own needs. Data suitable for GIS can be easily found through universities, local, state, and federal agencies, non-profit organizations, and from private companies.

Geographic data have gone far beyond paper maps and lists of state capital names. See what GIS data can do for you now and in the future.

From the Back Cover

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Users Review

From reader reviews:

Maria Mariani:

The book GIS Data Sources can give more knowledge and information about everything you want. So just why must we leave the great thing like a book GIS Data Sources? A number of you have a different opinion about publication. But one aim in which book can give many data for us. It is absolutely proper. Right now, try to closer with your book. Knowledge or data that you take for that, you may give for each other; you are able to share all of these. Book GIS Data Sources has simple shape but you know: it has great and massive function for you. You can appearance the enormous world by available and read a e-book. So it is very wonderful.

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Grace Smith:

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