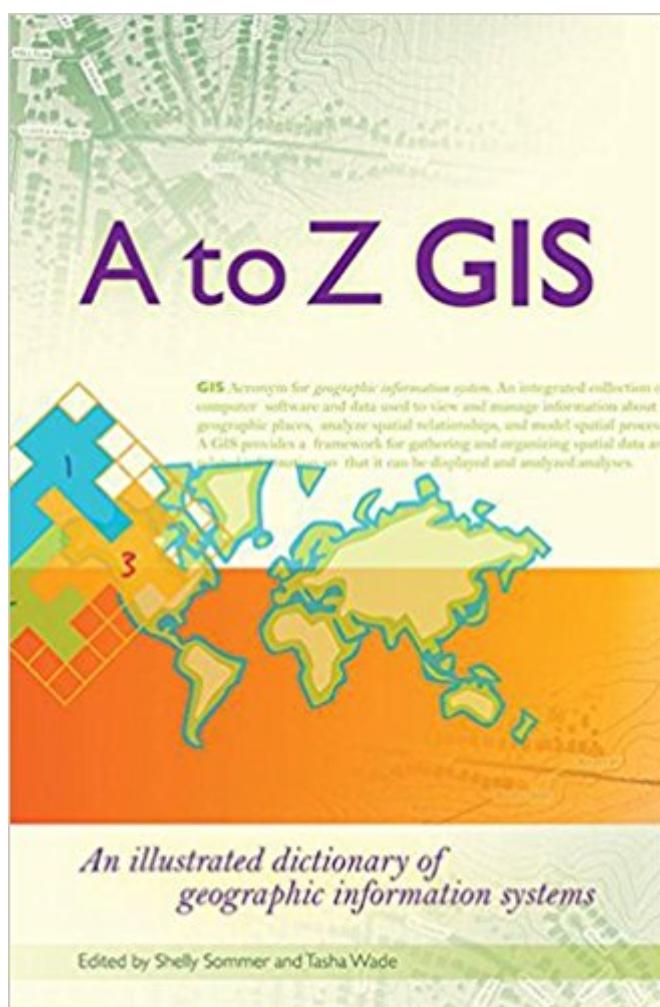


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# A To Z GIS: An Illustrated Dictionary Of Geographic Information Systems



## **Synopsis**

An invaluable resource for anyone who uses or encounters GIS terminology in the classroom, on the job, or in the field, this dictionary contains more than 1,600 terms covering the entire lexicon of geographic information systems. Terms have been selected from GIS operations such as analysis, data management, and geocomputation; from rapidly evolving uses of GIS for modeling, GIScience, and Web-based GIS; and the GIS foundation fields of cartography, spatial statistics, computer science, surveying, geodesy, and remote sensing. Hundreds of subject-matter experts and GIS educators have reviewed the definitions, ensuring the authoritative coverage that is a necessity for managers, programmers, users, and students discovering the interdisciplinary nature of GIS.

## **Book Information**

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## **Customer Reviews**

Shelly Sommer is a librarian and researcher for ESRI and the science library manager at the Institute of Arctic and Alpine Research at the University of Colorado-Boulder. She lives in Boulder, Colorado. Tasha Wade is the coordinator for the ESRI GIS library project, where she oversees the design and development of several Web resources, including the GIS dictionary on the ESRI support center. She lives in Redlands, California.

I've been studying GIS for a few months now on my own, and have often been stuck as to the meaning of a word. For me this is a very good little book, but it did not even mention some of the projections that are popular in my country, like the Lambert projections. I am not going to give this

book a low mark just for that, because I did pick up a lot of useful information in a very efficient way. If you want to go about it the long way get the *Geographic Information Systems and Science* but you might fall asleep in the process (it's a good book though!!). The explanations of general computer science concepts like object oriented programming are very introductory, and I would go to the Wikipedia for more detail after if I didn't know the meanings. So I'll probably give it 5 stars when a second edition comes out. Still, for the money it's a definite winner, and it's very enjoyable read.

I bought this book thinking I might teach high school GIS, but didn't. However after it arrived and I looked through it, I wondered why the college courses did not recommend this simple, easy to use, understandable, nice-looking, perfectly-sized, strongly-bound, handy reference. Any introduction to a new discipline with all its unique non-standard terms must start with definitions and this book is a great place to help with that.

This is a great book for the novice level user as well as the experienced analyst. It's a great source for information if you don't have the internet at your disposal. Most terms have a picture to help if necessary and a "see also" for related terms which can be very useful.

Super accessible. I would especially recommend this book to people who are learning **ABOUT** GIS, not just learning **HOW TO USE** GIS, since it's really more of a conceptual dictionary than a book on how to use GIS software.

I started taking a GIS course online and having a book of terminology has been helpful. I anticipate this book will be a great resource going forward.

As someone relatively new to GIS (despite a background in geography), I absolutely love this dictionary. I especially like how there are graphics for some of the more obscure or difficult terms as I am more of a visual type learner. I imagine I will use this the rest of my career.

Working on a B.S. in geoscience and GIS and this is a great reference book to have! I love it!

I purchased this book as a supplement to my course materials for graduate level GIS classes. The book is great as a dictionary only (5 stars) but does little to explain GIS concepts or processes. The

researchers did well to include simple pictures that relate to the terms being described. The book itself is small enough to keep in a daypack with no problems and is lightweight. Overall, a good GIS supplement.

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