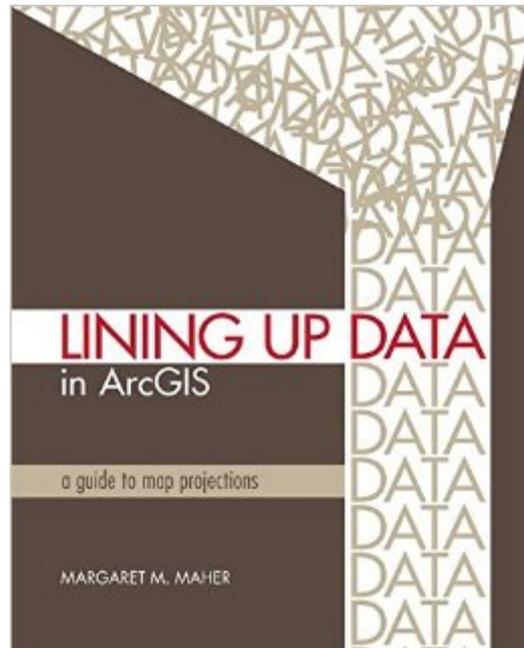


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# Lining Up Data In ArcGIS: A Guide To Map Projections



## Synopsis

Data misalignment is one of the biggest issues faced by GIS users. A member of the ESRI support services team, author, Margaret Maher has closed more than 12,000 incidents relating to projections and data conversion. *Lining Up Data in ArcGIS* is a practical guide to solving these problems, based on Maher's decade of experience helping GIS users find resolution. This book presents techniques to identify data projections and create custom projections to align data. Formatted for practical use, each chapter can stand alone, addressing specific issues related to working with coordinate systems. *Lining Up Data in ArcGIS: A Guide to Map Projections* is a handbook that will benefit new and skilled GIS users alike.

## Book Information

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## Customer Reviews

One of the first times I called the ESRI help desk my call was routed to Margaret. I was a complete GIS neophyte, and she patiently helped me through a basic problem that nothing in my history had given me any basis for understanding. I quickly learned over the next few dozen calls that if I got Margaret, I had asked a question that would take some mental expansion for me to grasp. She never gave up on her long distance student, and the students can trust her expertise. For my money this book is as authoritative as the gospel for GIS.

I'm a self taught GIS geek wannabe, so I spend a lot of time playing catch-up as problems arise. I often get data that doesn't have a projection file and of unknown origin. This is a pretty simply

written book that explains coordinate systems and the best way to go about figuring out what you've got and how to fix it. An obscure branch of knowledge for most people, but really important if you're in the middle of a search or emergency operation and need to fix the data file.

I really liked the approach of this book. This a projection problem solving book for Desktop ArcGIS users, not an academic discussion of ellipsoids. The what, when, where of coordinate systems. There is long section on dealing with wonderful CAD data. Having experienced multiple data without projection files there is a great step by step process to better figure out the projections.

Lining Map Data can be a challenging aspect to a GIS Technician's job. This book does a great job of first identifying the coordinate system and then techniques for lining up the data up with other datasets. An indispensable guide for all GIS personnel to create accurate and reliable mapping products.

Getting projections, layers and other related data to be coherently tied together can be tough, this book helps you through the process. Some of the steps are more for advanced users however.

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