Map Analysis
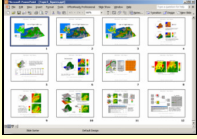
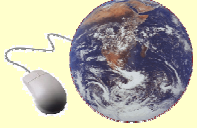### Understanding Spatial Patterns and Relationships

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Item	Description
CD-ROM Preface	*A brief description of the <u>Map Analysis</u> book and supporting materials including Intended Readership, Book Organization, Case Study Data Sets, Companion CD, Book Website and Acknowledgements.*
Text Figures	*This item contains full color PowerPoint slide sets of all of the figures in the book. Permission to copy is granted. Reference as "Figure x-xx from <u>Map Analysis</u>, Berry, 2007."*
Further Reading	*This item accesses additional online reading noted at the end of each Topic in the <u>Map Analysis</u> book. There are nearly 100 further reading links organized by Topics to related Beyond Mapping columns, GeoWorld feature articles and GeoTec papers.*
Hands-on Exercises	*This item links to the detailed and annotated instructions for hands-on Exercises noted at the end of each Topic in the <u>Map Analysis</u> book. The exercises use the companion software provided (see below for software installation).*
MapCalc Video Demos Example Applications	*This item accesses several annotated descriptions and example applications of grid-based map analysis. Click on any of the links in the listing to access the examples. All of the example applications were developed using <u>MapCalc Learner</u> software and can be replicated using the tutorial database identified with each example.*

Item	Description
Appendix A. Quick Set of Exercises B. Creating Your Own MapCalc Database	*Appendix A contains a quick set of exercises covering the basic display and analytical operations.* *Appendix B describes procedures for configuring a new MapCalc database and data import/export procedures for entering data and exchanging maps with other software systems (MapInfo, ArcView, ArcGrid, and Surfer).*
Install MapCalc MapCalc Main Page (URL) MapCalc Tutorials MapCalc User's Guide MapCalc Cross-references	*This item installs the MapCalc Learner software.* *Close all open programs, click on the link then follow the on-screen instructions. The program, database and support materials require approximately 20MB free disk space to install.* Enter the Serial Number and Release Code with the book to register the software. **The Learner system is constrained to an analysis window of 100columns x 100 rows.** *See www.farmgis.com/ for more information on fully licensed academic and professional systems ($495 MapCalc Academic version for computer lab educational use; $695 MapCalc Professional for commercial and funded research use).*
Install Surfer Surfer Main Page (URL) Surfer Tutorials	*This item installs the Surfer Demo software.* *Close all open programs, click on the link then follow the on-screen instructions. The program, sample data and support materials require approximately 20MB free disk space to install.* **The Demo system is a nearly a full function program lacking printer/plotter output support.** *See www.goldensoftware.com for more information on fully licensed system ($599 for single-seat version).*
Download SnagIt SnagIt Main Page (URL) SnagIt Tutorials (URL)	*This item downloads the optional SnagIt Evaluation software for advanced screen capture capabilities (must be connected to the Internet).* *Once you have downloaded the SnagIt install file, close all open programs, run the install file and follow the on-screen instructions. The program, sample data and support materials require approximately 40MB free disk space to install.* **The Evaluation program will expire in 30 days. You must purchase and register to continue use (recommended).** *See www.techsmith.com/ for information on fully licensed system ($39.00 retail; $24.95 Academic version).*
Optional Instructor CD	*A description of the optional Instructor Resources CD containing a comprehensive set of instructional materials supporting a variety of workshops and courses including syllabus, PowerPoint lectures, exercises, databases, and study/exam questions and answers.* **The Instructor's CD is available for US$45** *plus shipping and handling charges. Contact the author at jberry@innovativegis.com to order.*