Gis Exercise Workbook For Getting Started With Geographic Information Systems

Getting Started with Geographic Information SystemsGIS TutorialThe ArcGIS Imagery BookGIS Tutorial for HealthAdvances in Membrane Science and TechnologyGetting to Know ArcGIS for DesktopGis Tutorial 3Getting to Know ArcObjectsGIS Tutorial for Python ScriptingGetting to Know ArcGISIntroducing Geographic Information Systems with ArcGISGIS Tutorial 2Understanding GisGetting to Know Web GISUnderstanding GISGIS Tutorial OnePython Scripting for ArcGISAn Introduction to Using GIS in Marine BiologyDiscover QGIS 3.xSwitching to Arcgis Pro from ArcmapGetting to Know ArcGIS DesktopThe ArcGIS BookGeocomputation with RGis Tutorial 1Getting to Know ArcGIS DesktopGIS Tutorial 1GIS Exercise Workbook for Getting Started with Geographic Information SystemsGIS Tutorial IIThinking about GISIntroduction to Human Geography Using ArcGIS OnlineHypothetical City WorkbookGetting to Know ArcGIS DesktopA Research Guide to Cartographic ResourcesArcView GIS Exercise BookIntroducing Geographic Information Systems with ArcGISIntegrating GIS and the Global Positioning SystemFundamentals of GISHypothetical City Workbook IIIGIS TutorialUnderstanding GIS

Getting Started with Geographic Information Systems

Updated for ArcGIS Desktop 10, "GIS Tutorial 1: Basic Workbook" provides effective GIS training in an easy-to-follow, step-by-step format. Includes a data CD for working through the exercises and fully functioning 180-day trial DVD of ArcGIS Desktop10 software.

GIS Tutorial

Explains how to use ArcView, then uses ArcView as a base for teaching ArcEditor and ArcInfo to allow readers to learn tasks including mapmaking, spatial analysis, and managing geographic data.

The ArcGIS Imagery Book

Updated for ArcView 9.3, GIS Tutorial: Workbook for ArcView 9, Third Edition, provides effective GIS training in an easy-to-follow format. By combining ArcGIS tutorials with self-study exercises intended to gradually build on basic skills, GIS Tutorial is fully adaptable to individual needs as well as classroom settings. In addition to the range of GIS functionality covered by its predecessors, the third edition of this best-selling workbook features two new tutorial chapters that utilize 3D Analyst and ArcGIS Spatial Analyst applications.

GIS Tutorial for Health

Accompanying DVD-ROM contains project data.

Advances in Membrane Science and Technology

An integrated approach that combines essential GIS background with a practical workbook on applying the principles in ArcGIS 10.0 and 10.1 Introducing Geographic Information Systems with ArcGISintegrates a broad introduction to GIS with a software-specific workbook for Esri's ArcGIS. Where most courses make do using two separate texts, one covering GIS and another the software, this book enables students and instructors to use a single text with an integrated approach covering both in one volume with a common vocabulary and instructional style. This revised edition focuses on the latest software updates—ArcGIS 10.0 and 10.1. In addition to its already successful coverage, the book allows students to experience publishing maps on the Internet through new exercises, and introduces the idea of programming in the language Esri has chosen for applications (i.e., Python). A DVD is packaged with the book, as in prior editions, containing data for working out all of the exercises. This complete, user-friendly coursebook: Is updated for the latest ArcGIS releases—ArcGIS 10.0 and 10.1 Introduces the central concepts of GIS and topics needed to understand spatial information analysis Provides a considerable ability to operate important tools in ArcGIS Demonstrates new capabilities of ArcGIS 10.0 and 10.1 Provides a basis for the advanced study of GIS and the study of the newly emerging field of GIScience Introducing Geographic Information Systems with ArcGIS, Third Edition is the ideal guide for undergraduate students taking courses such as Introduction to GIS, Fundamentals of GIS, and Introduction to ArcGIS Desktop. It is also an important guide for professionals looking to update their skills for ArcGIS 10.0 and 10.1.

Getting to Know ArcGIS for Desktop

GIS Tutorial 1 incorporates proven teaching methods into introductory exercises that help readers learn ArcGIS(R) for Desktop software skills.

Gis Tutorial 3

Explore the latest Long Term Release (LTR) of QGIS with Discover QGIS 3.x, a comprehensive up-to-date workbook built for both the classroom and professionals looking to build their skills. Designed to take advantage of the latest QGIS features, this book will guide you in improving your maps and analysis. Discover QGIS 3.x is an update of the original title, using QGIS 3.6, covering Spatial analysis, Data management, and Cartography. What's new in this edition: Fifteen new exercises A new

section, Advanced Data Visualization, covering: Blending modes Live layer effects Geometry generators Rendering Points Time Manager Native 3D Mesh data Appendices covering: Keyboard shortcuts Useful Plugins Getting involved The book is a complete resource and includes: Lab exercises Challenge exercises All data, discussion questions, and solutions

Getting to Know ArcObjects

In recent years, membranes and related technologies have gained more technical and commercial relevance. Their applications have extended to environmental, chemical, medical, food, and energy industries. To date, many books on membranes have been published to awaken reader's interest in this field. This book, however, is intended not to make a summary of the literature in these areas, but to focus on the current status of some advanced membrane technologies which are well related to human life. Eight chapters were contributed by well-known researchers and professors in the corresponding fields. Chapter 1 from Prof. Strathmann takes a roam through membrane science and technology -- from desalination and artificial kidneys to fuel cell separators and membrane reactors, informing the reader of what kind of membrane technologies have come true, or might or might never come true. Chapter 2 by Prof. Tongwen Xu concentrates on the current science and technology using electro-membranes. Chapter 3 treats of the application of membranes to energy supply, which has been a hot issue for sustainable development of our earth and contributed by famous exporter (Dr J Kerres and co-worker). Chapter 4 described novel Inorganic-organic hybrid membranes, which, were recently developed and expected to be applied in such harsh conditions as high temperature and strongly oxidising circumstances. The improvements on traditional chemical processes using membrane technologies are summarised in Chapter 5 by Prof. Chung TS and his co-workers and exemplified with pervaporation for organic separation. Chapter 6 covers a hot issue in our daily life: recycling of municipal waste water using membrane bioreactors and contributed by Prof. Kim In S. Another distinctive characteristic about membrane technologies is integration flexibility, which is crucial to the realisation of multiple functions needed for a specific complex industrial application. Prof. Moon SH and Dr. Lee HJ contributed to such technique integrations. Membrane controlled release, the focus of Chapter 8 from Prof. Chu Ly, is an emerging membrane technology that might come true and has proved important in medical and pharmaceutical applications.

GIS Tutorial for Python Scripting

Geographic information systems (GIS) use a complex mix of cartography, statistical analysis, and database technology to provide everything from web-based interfaces, such as Bing Maps and Google Maps, to tracking applications for delivery services. With GIS, author Peter Shaw guides you through it all, starting with a detailed examination of the data and processes that constitute the internals of a GIS. He surveys a selection of commercial and open-source software packages, detailing the strengths and weaknesses of each so you can choose one that suits your own GIS development. Shaw even

provides instructions for setting up a spatially enabled database and creating a complete .NET GIS application. Complete with downloadable code samples, GIS is the one resource you need to map your world. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject . We hope you find this book useful in shaping your future career & Business.

Getting to Know ArcGIS

This book is the fourth companion volume to 'An Introduction To Using GIS In Marine Biology'. It is designed to augment the information on using GIS in marine biology provided in that book, and, indeed, to be used alongside it rather than to be used independently as a stand-alone volume. Therefore, this book will be of most interest to those who have already read 'An Introduction To Using GIS In Marine Biology'. This book consists of five exercises covering the practical use of GIS in marine biology using ERSI's ArcGIS(r) 10.2 GIS software. These exercises are based around using GIS to investigate the home ranges of individual animals. They range from creating minimum convex polygons (MCPs) and kernel density estimates (KDEs) to comparing the home ranges of different individuals in a population. The exercises are designed to be followed in the order they are presented, and work with a specific data set which can be downloaded for free. Working through these five exercises will help the novice GIS user obtain experience in investigating the home ranges of individual animals in a GIS-based environment, and so develop their GIS skills. Unlike most other GIS tutorials, this information is specifically presented in a marine biological context and all the exercises use real data from a marine biological study. Therefore, these exercises are more likely to provide the kind of experience in using GIS that marine biologists will find useful and applicable to their own research. These exercises are presented in the same easy-to-follow flow diagram-based format first introduced in the 'How To' section of 'An Introduction To Using GIS In Marine Biology'. They are accompanied by images which show the user how their GIS project should look as they progress through the exercises, allowing them to compare their own work to the expected results. This is part of the PSLS series of books which use Task-Oriented Learning (TOL) to teach the practical application of research skills to the life sciences. This involves demonstrating how these skills can be used in the specific circumstances in which they are likely to be required rather than concentrating on teaching theoretical frameworks or on teaching skills in a generic or abstract manner. By seeing how the similar processes are used to achieve a variety of different goals within a specific field, it becomes easier for the reader to identify the general rules behind the practical application of these processes and, therefore, to transfer them to novel situations they may encounter in the futur

Introducing Geographic Information Systems with ArcGIS

This book navigates the numerous American and Canadian cartographic resources available in print, and online, offering information on how to locate and access the large variety of resources. Cartographic materials are highlighted and summarized, along with lists of map libraries and geospatial centers, and related professional associations.

GIS Tutorial 2

GIS Tutorial for Health, fifth edition, teaches GIS and analysis skills to health professionals and students. Using health-care scenarios, the book demonstrates how to process and visualize health data to better manage services and support health-care policy. GIS Tutorial for Health includes lessons and exercises on mapping basics, including creating map layers, editing features, and using spatial data. The fifth edition is compatible with ArcGIS® 10.2 for Desktop. Exercise data is available for downloaded. Instructor resources are available separately.

Understanding Gis

Introduction to Human Geography Using ArcGIS Online covers major themes of human geography, including population and migration, economic activity, language and religion, and human impacts on the environment, using the dynamic service of ArcGIS Online.

Getting to Know Web GIS

A conceptual introduction and practical primer to the application of imagery and remote sensing data in GIS (geographic information systems).

Understanding GIS

This comprehensive reference answers the myriad of questions involved in combining GIS and GPS for maximum benefit. Real-life case studies give users the opportunity to consider every aspect of systems integration before the process is started. 20 color photos, 30 maps, 5 charts.

GIS Tutorial One

Foreword -- Preface -- Lesson 1. Frame the problem and explore the study area -- Lesson 2. Preview the data -- Lesson 3. Choose the data -- Lesson 4. Build the database -- Lesson 5. Edit the data -- Lesson 6. Conduct the analysis -- Lesson 7. Automate the analysis -- Lesson 8. Present your analysis results -- Lesson 9. Share your results online

Python Scripting for ArcGIS

Provides hands-on experience in fundamental to sophisticated functionality in ArcView.

An Introduction to Using GIS in Marine Biology

GIS Tutorial II: Spatial Analysis Workbook offers hands-on exercises to help GIS users at the intermediate level continue to build their problem-solving and analysis skills. Inspired by The ESRI Guide to GIS Analysis book series by Andy Mitchell, GIS Tutorial II provides a practical format for GIS users to develop proficiency in various spatial analysis methods, including classification; assessment of quantities and densities; location analysis; change over time, location, and value comparisons; geographic distribution; pattern analysis; and cluster identification. Whether used in combination with The ESRI Guide to GIS Analysis books or by itself, GIS Tutorial II: Spatial Analysis Workbook is the perfect tool for anyone who is ready to take their knowledge of GIS technology to the next level. GIS Tutorial II: Spatial Analysis Workbook includes a fully functioning 180-day trial version of ArcGIS� Desktop 9.3 software on DVD and a DVD of data for working through the exercises.

Discover QGIS 3.x

This best-selling non-technical, reader-friendly introduction to GIS makes the complexity of this rapidly growing high-tech field accessible to beginners. It uses a "learn-by-seeing" approach that features clear, simple explanations, an abundance of illustrations and photos, and generic practice labs for use with any GIS software. What Is a GIS? GIS's Roots in Cartography. Maps as Numbers. Getting the Map into the Computer. What Is Where? Why Is It There? Making Maps with GIS. How to Pick a GIS. GIS in Action. The Future of GIS. For anyone interested in a hands-on introduction to Geographic Information Systems.

Switching to Arcgis Pro from Arcmap

Getting to Know ArcGIS ModelBuilder teaches readers how to develop reusable geoprocessing workflows and run programs as models. Written for intermediate and advanced GIS users, Getting to Know ArcGIS ModelBuilder is the first reference book and workbook exclusively for ModelBuilderÖ, a visual programming technology available in ArcGIS« software. Getting

to Know ArcGIS ModelBuilder presents basic and more complex concepts and demonstrates best practices through hands-on exercises. The book, divided into seven chapters addressing model basics, interactive models, flow of control, the modeling environment, multiple inputs, model iterations, Python« scripting, and building model documentation, fosters a comprehensive knowledge of ModelBuilder. Readers can use the concepts taught in the book to adapt the tools, scripts, and applications in ModelBuilder to their own areas of expertise. Like other books in the Esri Press Getting to Know series, Getting to Know ArcGIS ModelBuilder is designed to support students in the classroom as well as self-learners.

Getting to Know ArcGIS Desktop

Getting to Know ArcGIS® for Desktop is a workbook that introduces the principles of GIS via hands-on exercises. Readers are shown how to use ArcGIS for Desktop software tools to display and present maps and data, and then query and analyze the data. The third edition has been reorganized and includes new topics such as exploring online resources and raster data and contains new exercises, data, and learning tools. Known for its broad scope, clarity, and reliability, Getting to Know ArcGIS for Desktop is equally well-suited for classroom use, independent study, and as a reference. A data DVD for working through the exercises is included with the book, and access to a 180-day trial of ArcGIS 10.1 for Desktop is provided.

The ArcGIS Book

"Python Scripting for ArcGIS is a guide to help experienced users of ArcGIS for Desktop get started with Python scripting. This book teaches how to write Python code that works with spatial data to automate geoprocessing tasks in ArcGIS. Readers can thuslearn the skill set needed to create custom tools. Key topics in this book include Python language fundamentals, automating geoprocessing tasks,exploring and manipulating spatial data, working with geometries and rasters, map scripting, debugging and error handling, creating functions and classes, and creating and sharing script tools"--

Geocomputation with R

Describes how to implement a successful geographic information system.

Gis Tutorial 1

This is a hands-on book about ArcGIS that you work with as much as read. By the end, using Learn ArcGIS lessons, you'll be able to say you made a story map, conducted geographic analysis, edited geographic data, worked in a 3D web scene, built

a 3D model of Venice, and more.

Getting to Know ArcGIS Desktop

Switching to ArcGIS Pro from ArcMap is an invaluable resource for those looking to migrate from ArcMap to ArcGIS Pro. Rather than teach Pro from the start, this book focuses on the difference between Pro and ArcMap for a more rapid adjustment to common workflows.

GIS Tutorial 1

Introducing Geographic Information Systems with ArcGIS A unique approach to learning and teaching GIS, updated for ArcGIS 9.3 Introducing Geographic Information Systems with ArcGIS, Second Edition serves as both an easy-to-understand introduction to GIS and a hands-on manual for the ArcGIS 9.3 software. This combination theory-workbook approach is designed to quickly bring the reader from GIS neophyte to well-informed GIS user from both a general knowledge and practical viewpoint. Replacing the traditional separate texts on theory and application, the book integrates a broad introduction to GIS with a software-specific workbook for ESRIs ArcGIS in a single comprehensive volume.?Easy to read, interesting, and at times quite amusing, the new edition is even more accessible to a wide variety of readers. Each chapter presents two mutually supporting sections: Overview- a discussion of theory and ideas relating to GIS, laying the groundwork for spatial analysis Step-by-step instructions on how to use ArcGIS software. There are sixty exercises and nine review exercises throughout the book, covering most of the topics students need to gain GIS jobs or continue work in GIS or GIScience Complete with a CD-ROM containing data for working out all of the exercises, this Second Edition provides an updated examination of file geodatabases including vector, raster, and 3D GIS with terrains. On completion of this text, students will have acquired in-depth understanding of GIS theory and how to operate the ArcGIS software. They will have been exposed, through additional hands-on demonstrations, to virtually everything about GIS that supports spatial analysis. Written by an author with over thirty years of experience writing software manuals, Introducing Geographic Information Systems with ArcGIS, Second Edition puts readers on the quick road to mastery of GIS.

GIS Exercise Workbook for Getting Started with Geographic Information Systems

Workbook for learning how to use Python with ArcGIS for Desktop.

GIS Tutorial II

This study guide meets a growing demand for effective GIS training by combining ArcGIS tutorials and self-study exercises that start with the basics and progress to more difficult functionality. Presented in a step-by-step format, the book can be adapted to a reader's specific training needs, from a classroom of graduate students to individaul study. Readers learn to use a range of GIS functionality from creating maps and collecting data to using geoprocessing tools and models for advanced analysis. the authors have incorporated three proven learning methods: scripted exercises that use detailed step-by-step insturctions and result graphics, Your Turn exercises that require users to perform tasks without steo-by-step instructions, and exercise assignements that pose real-world problem scenarios. A fully functioning, 180-day trial version of ArcView 9.2 software, data for working through the tutorials, and Web-based teacher resources are also included.

Thinking about GIS

Getting to Know ArcGIS(R) for Desktop is a workbook that introduces the principles of GIS via hands-on exercises. Readers are shown how to use ArcGIS for Desktop software tools to display and present maps and data, and then query and analyze the data. The third edition has been reorganized and includes new topics such as exploring online resources and raster data and contains new exercises, data, and learning tools.

Introduction to Human Geography Using ArcGIS Online

The new second edition of Getting to Know Web GIS features detailed, step-by-step exercises that teach readers how to share resources online and build web GIS applications easily and quickly. This workbook includes the latest upgrades and advances, such as smart mapping, AppStudio, ArcGIS Pro and scene services, and expands the use of ArcGIS Online, Portal for ArcGIS, ArcGIS for Server, Web AppBuilder for ArcGIS, and ArcGIS API for JavaScript. You do not have to be a developer to build web apps with little or no programming. Instead of focusing on individual products, this book teaches web GIS technologies as a holistic platform. In each chapter, students complete an application project using multiple products from the browser/client side to the server side. Data for completing the exercises is available for download. Featuring detailed, step-by-step exercises, Getting to Know Web GIS, Second Edition, teaches readers how to share resources online and build web GIS applications easily and quickly.The workbook covers the Esri suite of web GIS technologies, including ArcGIS Online, Portal for ArcGIS, ArcGIS for Server, web app templates, Web AppBuilder for ArcGIS, ArcGIS API for JavaScript, the Collector for ArcGIS mobile app, mobile SDKs, and 3D web scenes. This second edition includes the latest upgrades and advances, such as smart mapping, AppStudio, ArcGIS Pro and Scene services. Unlike books that focus on individual products, this book teaches web GIS technologies as a holistic platform. In each chapter, students complete an application project using multiple products from the browser/client side to the server side. Data for completing the exercises is available for download.

Hypothetical City Workbook

Geocomputation with R is for people who want to analyze, visualize and model geographic data with open source software. It is based on R, a statistical programming language that has powerful data processing, visualization, and geospatial capabilities. The book equips you with the knowledge and skills to tackle a wide range of issues manifested in geographic data, including those with scientific, societal, and environmental implications. This book will interest people from many backgrounds, especially Geographic Information Systems (GIS) users interested in applying their domain-specific knowledge in a powerful open source language for data science, and R users interested in extending their skills to handle spatial data. The book is divided into three parts: (I) Foundations, aimed at getting you up-to-speed with geographic data in R, (II) extensions, which covers advanced techniques, and (III) applications to real-world problems. The chapters cover progressively more advanced topics, with early chapters providing strong foundations on which the later chapters build. Part I describes the nature of spatial datasets in R and methods for manipulating them. It also covers geographic data import/export and transforming coordinate reference systems. Part II represents methods that build on these foundations. It covers advanced map making (including web mapping), "bridges" to GIS, sharing reproducible code, and how to do cross-validation in the presence of spatial autocorrelation. Part III applies the knowledge gained to tackle real-world problems, including representing and modeling transport systems, finding optimal locations for stores or services, and ecological modeling. Exercises at the end of each chapter give you the skills needed to tackle a range of geospatial problems. Solutions for each chapter and supplementary materials providing extended examples are available at https://geocompr.github.io/geocompkg/articles/. Dr. Robin Lovelace is a University Academic Fellow at the University of Leeds, where he has taught R for geographic research over many years, with a focus on transport systems. Dr. Jakub Nowosad is an Assistant Professor in the Department of Geoinformation at the Adam Mickiewicz University in Poznan, where his focus is on the analysis of large datasets to understand environmental processes. Dr. Jannes Muenchow is a Postdoctoral Researcher in the GIScience Department at the University of Jena, where he develops and teaches a range of geographic methods, with a focus on ecological modeling, statistical geocomputing, and predictive mapping. All three are active developers and work on a number of R packages, including stplanr, sabre, and RQGIS.

Getting to Know ArcGIS Desktop

Suitable to guide the user through the formulation of the components of a future land use plan, this workbook provides experience with the application of GIS technology for land analysis at various scales. It takes the user through the process of working with factual land use, population and socio-economic data.

A Research Guide to Cartographic Resources

The first single-project GIS textbook on the market, Understanding GIS: An ArcGIS� Pro Project Workbook is an excellent resource for students and educators seeking a guide for an advanced, single-project-based course that incorporates GIS across a wide range of disciplines. In this third edition, readers progress through nine lessons (35 exercises), using ArcGIS Pro software from Esri to find the best location for a new park along the Los Angeles River in Southern California. Each exercise offers step-by-step instructions, graphics to confirm exercise results, and explanations of key concepts. The book includes access to ArcGIS Desktop software, which includes ArcGIS Pro. The e-book Project data—real data, all of it updated—is downloadable from the book's resource web page.

ArcView GIS Exercise Book

Provides lessons on the basics of working with ArcObjects using VBA, covering such topics as adding layers to maps, querying data, and creating layouts.

Introducing Geographic Information Systems with ArcGIS

ArcView is the world's most widely used Geographic Information Systems (GIS) software. Version 8 is the most significant upgrade to ArcView since its inception-it has been completely redesigned and engineered to be an easy-to-use, fast, modern, and powerful GIS, and requires a new guidebook for all users. Topics covered include organizing data, planning a GIS project, creating derived data, and presenting results.

Integrating GIS and the Global Positioning System

Geographic information in decision making often goes unnoticed, but it is actually very present in our daily activities. Our eBook Fundamentals of GIS: Applications with ArcGIS shows the potential of Geographic Information Systems (GIS) for geoprocessing and mapping using ArcGIS. This book is designed in a didactic and sequential way, as we advance in the development of the exercises we will acquire and improve our skills in the use of GIS tools, until we get to the publication of a well edited map. When the exercises in this book are completed and developed, the user will be able to fully understand the fundamentals of GIS, and the use of its main tools to generate maps. This is a book that will teach you from scratch and step by step the use of GIS for your professional projects.

Fundamentals of GIS

Hypothetical City Workbook III

This is the indispensable complement to the text that has remained the standard in urban planning classes for more than twenty-five years. Hypothetical City Workbook provides hands-on experience with land use methods and exposure to substantive development planning issues. The workbook includes a diskette with scenarios for students to work out exercises.

GIS Tutorial

Geographic information systems (GIS) use a complex mix of cartography, statistical analysis, and database technology to provide everything from web-based interfaces, such as Bing Maps and Google Maps, to tracking applications for delivery services. With GIS, author Peter Shaw guides you through it all, starting with a detailed examination of the data and processes that constitute the internals of a GIS. He surveys a selection of commercial and open-source software packages, detailing the strengths and weaknesses of each so you can choose one that suits your own GIS development. Shaw even provides instructions for setting up a spatially enabled database and creating a complete .NET GIS application. Complete with downloadable code samples, GIS is the one resource you need to map your world. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject . We hope you find this book useful in shaping your future career & Business.

Understanding GIS

This is an introductory text for learning ArcGIS® for Desktop. This workbook presents GIS tools and functionality, including querying interactive maps, collecting data, and running geoprocessing tools. Its detailed exercises, Your Turn sections, and homework assignments can be adapted to learning GIS in a classroom or for independent study. Also included is access to a 180-day trial of ArcGIS® 10.1 for Desktop Advanced software and a DVD with data for working through the exercises. Instructor resources are also available.

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES & HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR LITERARY FICTION NON-FICTION SCIENCE FICTION