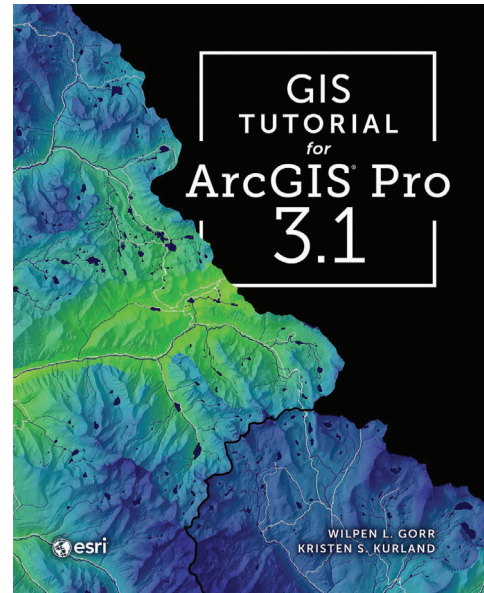


The fifth edition of the *GIS Tutorial for ArcGIS Pro 3.1* by Wilpen L. Gorr and Kristen S. Kurland is valuable for anyone looking to master Esri's flagship GIS software. Whether you are a student, educator, or professional, this book offers a step-by-step approach to learning the latest tools in ArcGIS Pro 3.1 through tutorials and assignments. With 11 chapters, the book is divided into three parts. The first part comprises of three chapters focusing on using, making, and sharing maps; the second part focuses on map design and includes five chapters; and the third part focuses on applying advanced GIS technologies and has three chapters. The book builds user's skills gradually, starting with an overview of ArcGIS Pro and culminating in advanced techniques for geoprocessing, network analysis, raster analysis, and 3D data manipulation.

Chapter 1 summarizes ArcGIS Pro with tutorials on ArcGIS Pro project setup, navigation, and working with attribute data. Chapter 2 focuses on symbolizing and labeling features, filtering data, creating various maps, and exploring cartographic principles. Chapter 3 focuses on creating user-friendly maps with layouts, charts, and interactive elements and sharing the work through ArcGIS Online, ArcGIS StoryMaps, and Dashboards. Chapter 4 focuses on data management, explaining how to create geodatabases, import and modify data, and perform attribute and spatial

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queries. Chapter 5 covers topics on map projection systems, vector data formats, and geospatial data acquisition. Chapter 6 applies geoprocessing tools for data analysis, transformation, and overlay to derive valuable insights. In Chapter 7, users learn how to create, modify, update, and digitize vector map features within ArcGIS Pro. Chapter 8 covers the topics of the geocoding process, with tutorials on geocoding using zip codes and street addresses. Chapter 9 covers a range of spatial analysis techniques, including proximity analysis, overlay analysis, and network analysis. Chapter 10 introduces raster datasets, covering topics on raster processing and the application of ArcGIS Pro model builder for developing raster-based models. Chapter 11 covers topics on 3D GIS data visualization processing and feature creation.



GIS TUTORIAL for ArcGIS Pro 3.1

Wilpen L. Gorr, Kristen S. Kurland. Esri Press, Redlands, CA. 2023. xiv and 298 pp., diagrams, maps, photos, images. Paperback. List price \$119.99. ISBN 978-1-58948-739-0.

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The book is accompanied by online resources, including downloadable data and teaching slides, which can help instructors use the book in a classroom setting. Each chapter includes current, real-world data in the tutorials and assignments that add relevance and the practical applications of GIS concepts. This book is specifically tailored to ArcGIS Pro 3.1. However, most concepts and techniques also apply to newer software versions. The authors excel at simplifying intricate subjects, ensuring the book is a user-friendly resource for learners at any level.

The “GIS Tutorial for ArcGIS Pro 3.1” offers a comprehensive guide to mastering ArcGIS Pro. Its structured approach, simple explanations, and practical tutorials make it a go-to guide for students, professionals, and GIS enthusiasts.

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