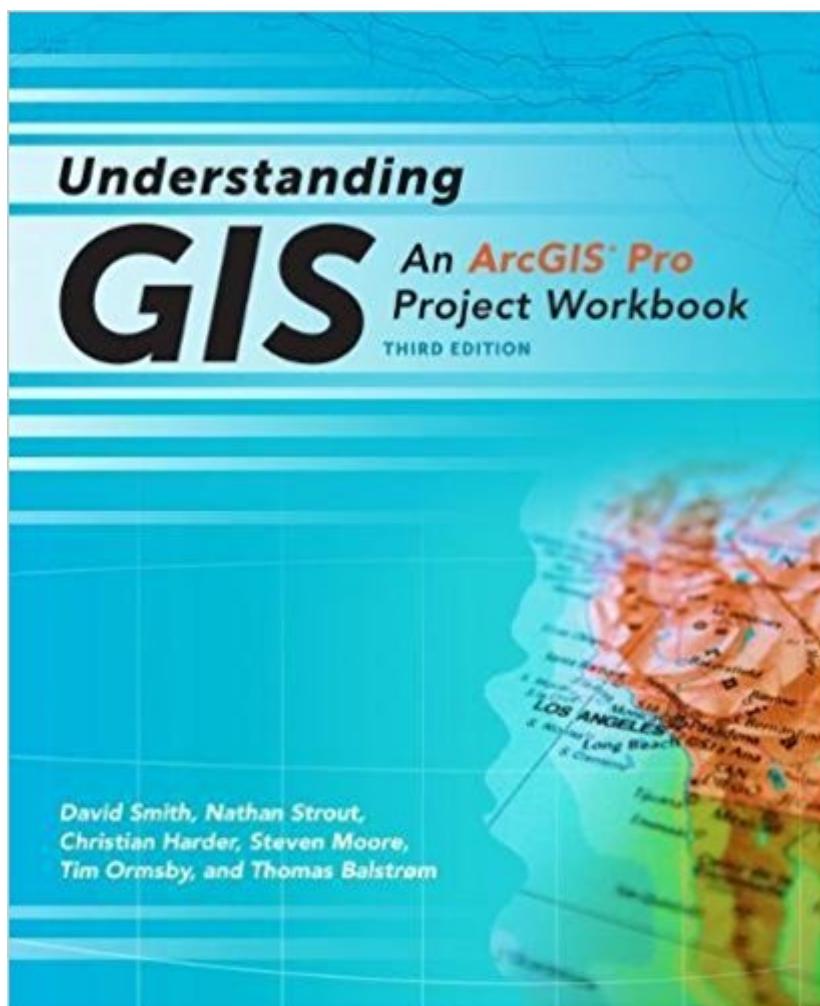


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# Understanding GIS: An ArcGIS Pro Project Workbook



## Synopsis

This 3rd edition of Understanding GIS is the only book teaching how to conceive, develop, finish, and present a GIS project, and all exercises have been updated to use Esri's ArcGIS Pro software with revamped data. 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.

## Book Information

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## Customer Reviews

David Smith is the spatial instruction manager of the Center for Spatial Studies at the University of Redlands. He specializes in innovative curriculum design using geospatial technology, with a primary focus on the adoption of spatial thinking and GIS across multiple disciplines. He also conducts periodic workshops on desktop and Web GIS, mobile mapping, GPS, and visualization applications. Nathan Strout is Director of Spatial Technology, Center for Spatial Studies, University

of Redlands. Christian Harder is a technology writer and information designer at Esri. He is the author or coauthor of numerous books on GIS, including *The ArcGIS Book* and *The ArcGIS Imagery Book* (Esri Press, 2016). Dr. Steven Moore is director of the Center for Spatial Studies at the University of Redlands. In that role, he oversees spatial research, instruction, fund development, and operational support activities. Tim Ormsby is a technical writer at Esri and has created and contributed to ArcGIS training courses for both the classroom and online learning. Ormsby coauthored Esri Press's best-selling workbook *Getting to Know ArcGIS Desktop* (Esri Press, 2010). Thomas BalstrÃfsm is an associate professor in geoinformatics at the Department of Geosciences and Natural Resources Management, University of Copenhagen, Denmark. He has MSc and PhD degrees in physical geography focusing on GIS and land evaluations. Currently, his research is on stormwater screening of urban and rural areas.

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