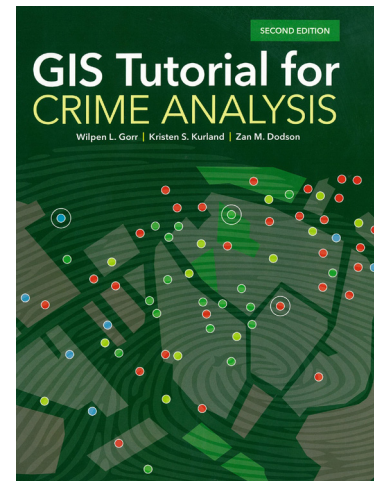


GIS Tutorial for Crime Analysis, Second Edition, is based on Esri's ArcGIS Desktop software and is a resource intended to familiarize anyone using or intending to use GIS for crime analysis through hands on software-based learning. The tutorials are geared toward use in contemporary police organizations with direct crime mapping applications. This resource provides immediate opportunity for analysis throughout the tutorials by replacing example data with existing department organization data.

The book is organized with well-defined chapter topics which progress and build upon previously learned concepts from beginning to end. This organizational structure makes it well-suited for the self-directed learner, and a resource for those already familiar with GIS who are interested in a specific application. It is also organized for class use with introduction to important GIS mapping concepts, tutorials, and assignments at the end of chapters.

The book consists of nine chapters and has a total of 348 pages. The first chapter serves as an introduction to how GIS can be utilized in police work. The second chapter is a tutorial-based introduction to ArcGIS Desktop software and the user interface. The subsequent chapters (3 through 9) are all tutorial-based with a focus on ArcGIS and ArcMap. The tutorials are well structured with easy to follow, step by step instructions for completing chapter projects. Full color images of the software interface provide clear examples and instruction for how to complete each task. After the software tutorials, assignments are presented for gaining additional familiarity with both the concepts presented and the software. The proceeding tutorials become an excellent reference when completing these assignments. Chapter 9 concludes the book with hot spot modeling and retrospective prediction analysis. Alternative scopes are also provided in this chapter for more customized application and instructor course tailoring.

GIS Tutorial for Crime Analysis, Second Edition, is a useful resource for individuals and departments looking to gain understanding in environmental criminology. It offers foundational information geared toward those with minimal



GIS Tutorial for Crime Analysis (2nd Ed.)

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Esri Press: Redlands, CA. 2018. ISBN 978-1-58978-516-7.

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to no GIS experience, and the progressive learning structure and assignment suggestions also makes it well suited for instructors. Utilizing crime mapping tools as described in this book, modern policing can see benefit through greater understanding of the spatial distribution of crimes and proximity analysis.

Photogrammetric Engineering & Remote Sensing
Vol. 87, No. 6, June 2021, pp. 397.
0099-1112/21/397

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doi: 10.14358/PERS.87.6.397

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