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Urban Crime Mapping and Analysis Using GIS

Guest Editors:

Prof. Dr. Michael Leitner

Department of Geography and
Anthropology, Louisiana State
University, Baton Rouge, LA, USA

Dr. Alina Ristea

School of Public Policy and
Urban Affairs, Northeastern
University, 310 Renaissance Park,
1135 Tremont St, Boston, MA
02115, USA

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Message from the Guest Editors

Spatial crime analysis and mapping started mostly by geographers in the early 1970s. The concurrent rise of Geographic Information Systems (GIS) coupled with the development of spatial crime analysis software programs led to a powerful suite of spatial analysis and visualization tools that allowed the rapid analysis of large amounts of crime incident data. As a result, spatial crime analysis became increasingly popular as a practical tool for law enforcement and as a research and teaching tool in geography, criminal justice, and other related programs.

This Special Issue is a follow-up publication of an edited book (Leitner 2013) and two previously published Special Issues (Leitner and Helbich 2015, Helbich and Leitner 2017) on crime analysis, modeling, and mapping. We believe that this new collection of papers will contribute to the contemporary research agenda on spatial and temporal crime-related issues. We encourage both theoretical as well as application-oriented papers dealing with these emerging issues.

Prof. Michael Leitner
Ms. Alina Ristea

Guest Editors



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Special Issue



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Editor-in-Chief

Prof. Dr. Wolfgang Kainz

Cartography and Geographic Information Science, Department of Geography and Regional Research, University of Vienna, Universitätsstr. 7, A-1010 Vienna, Austria

Message from the Editor-in-Chief

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ISPRS International Journal of Geo-Information Editorial Office
MDPI, Grosspeteranlage 5
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