



Big Data and Sustainable Cities: Applications of Geospatial Data in Urban Hazards

Guest Editor:

Dr. Qingmin Meng

Department of Geosciences,
Mississippi State University,
Mississippi State, MS 39762, USA

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Message from the Guest Editor

The spatial aspects and temporal characteristics of urban hazards and their consequences on community, economics, ethnics, infrastructure and society will be addressed in order to better understand urban hazards. Geospatial big data and related data science can be effective approaches to urban hazard analytics, while other quantitative and qualitative methods can also play vital roles in hazard analysis. Potential topics are listed below, including (but not limited to):

- The nature and environment of urban hazard;
- The perspective of urban hazard;
- Social media and urban hazard;
- Climate change and urban hazard;
- Urban hazard risk analysis and/or assessment;
- Urban hazard and its impacts on urban planning and future;
- Urban hazard and social justice;
- Urban hazard and emergency management;
- Urban hazard and urban vulnerability;
- Urban hazard and urban resilience;
- Urban hazard and urban sustainability.





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Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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