



Urban Land Use Mapping and Analysis in the Big Data Era

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Message from the Guest Editors

Dear Colleagues,

Cities are focal points for economic, social, cultural, and recreational activities. Land use is the platform of these various human activities. The rapid developments in remote sensing technologies, ground-based and wearable devices have greatly expanded our capability in the acquisition of data related to the urban environment and activities of citizens. Richer and richer volumes of data are becoming available, including remotely sensed images, social media, videos, and street view images, as well as in-situ survey and census data. The big data collected in cities are heterogeneous in data formats, spatial scales, temporal scales, and semantic granularity, and have complicated relationships with various economic, social, cultural, environmental, and other human-related factors. This Special Issue calls for innovative fusion and analysis techniques for mapping urban land-use patterns with a specific focus on the use of big data. Potential topics can be found on the website.

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