

Special Issue

Geographic Big Data Analysis and Urban Sustainable Development

Message from the Guest Editors

With the development of urbanization and population growth, many cities are faced with urban problems such as traffic congestion, and environmental and air pollution, which seriously restrict the healthy and sustainable development of cities. In order to solve the problems faced by sustainable urban development, we need to find out the current development status of the city, such as the distribution of natural resources, their social and economic centers, their population distribution. GIS includes important theoretical methods and technologies for analyzing and modeling the spatial and temporal evolution of elements, geographical phenomena or processes in urban space. Especially in the context of the era of big data, everyone can be a sensor of the urban space and environment, generating massive multi-source geographic big data. How to make full use of and excavate the information and knowledge contained in these geographic big data to help solve the problems faced in the sustainable development of cities is still an open topic. Thus, ideas, methods, systems and practical applications of GIS, enabling geographic big data for urban studies, will be welcome in this Special Issue.

Guest Editors

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