



Smart City Development and Remote Sensing Application in Urban Ecology

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Message from the Guest Editors

Cities became the main habitat for humanity in the early 21st century, and urbanization keeps increasing with no sign of a slowdown. In this context, urban ecology plays an important role in achieving a sustainable development at both the global and regional scale. Recently, computer science and internet communication technology (ICT) and modern remote observing systems, urban data science, remote sensing, and big data application have begun to play an increasingly important role in urban sustainability. They help to quantitatively understand the urban form, its functions, and human behaviors in cities. The integration of urban ecology with new developments in data science will be instrumental in harvesting data, improving models, and proposing new methods.

This open-access Special Issue invites high-quality and innovative scientific articles, which include innovative and multidisciplinary researchers on the latest developments in urban data science, smart city application, remote sensing methods, and pilot urban ecosystem studies in the world, exploring the potential cooperation between the ecological city and the smart city.





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Message from the Editor-in-Chief

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