

Special Issue

Assessing Urban Ecological Environment Protection

Message from the Guest Editor

Urban green spaces and wetlands are vital components of urban ecological environment. Urban green space and wetland ecosystems serve important functions such as carbon sequestration, regional climate regulation, recreation, etc. These ecosystems have changed markedly due to rapid urban development (e.g., urban expansions and urban agglomeration) and global warming. However, the impacts of these two factors on the urban green space and wetland ecosystems are uncertain due to limits of the evaluated indices, methods and spatiotemporal scales. Moreover, the underlying mechanisms of these ecosystem changes remain poorly constrained in urban ecological science. This Special Issue aims to offer a platform for seeking new data, methods and theories to assess the impacts of rapid urban development and climate change on the urban green space and wetland ecosystems, and to reveal the underlying mechanisms of these ecosystem changes. These findings will expand the theories of urban ecological science and support optimizing functions of the urban green space and wetland ecosystems as well as urban planning to realize high-quality urban development.

Guest Editor

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Message from the Editor-in-Chief

Urban Science is a scholarly international journal which provides a platform for the exchange of theories, ideas, methods, analyses, and comparative studies of urban and regional development. It is a peer-reviewed, open access journal that publishes high quality original articles, theoretical essays, critical reviews, research notes, and shorter communications. Its broad definition of “science” includes both quantitative and qualitative methods of social, environmental, and spatial analysis. There is no restriction on the maximum length of the papers.

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