

Urbanization and Landscape Change: Tools for Analyzing Socioeconomic and Environmental Issues

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Message from the Guest Editors

Dear Colleagues,

Earth observation (EO) provides timely, accurate, and frequent data, along with the tools to capture urbanization and landscape changes at different levels, from coarse to fine resolutions, in a consistent way, which is of prevailing relevance to monitor landscapes. In this context, monitoring, quantifying, and characterizing the progress of urban areas enriches our understanding of past and present trends, provides evidence-based information, supports decision-making processes, and allows unsustainable patterns and their potential consequences to be anticipated.

This Special Issue will focus on the complex process of urbanization and landscape change caused by the interaction of several factors that can be simultaneously analyzed due to the ever-growing availability of tools. Topics of interest include, but are not limited to, the development of advanced quantitative and qualitative tools for analyzing socioeconomic and environmental issues based on EO and geographic information system (GIS) techniques, the spatio-temporal consequences of urban growth and landscape structure dynamics, as well as the urbanization patterns extracted from indicators and models.



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Message from the Editor-in-Chief

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