

Special Issue

Advanced GIS and Remote Sensing Applications in Urban Sprawl Monitoring

Message from the Guest Editors

Metropolitan areas are complex human–environmental systems consisting of urban agglomerations and their peri-urban hinterland. By 2050, two thirds of the population will live in cities. With this continuous increase in urban population and their footprint, the need to assess, map, and quantify urban sprawl with high spatial detail and the need for sustainable urban development also increase. Understanding transformations of metropolitan areas and navigating those transformations toward more sustainable and or resilient pathways is of utmost societal relevance. This Special Issue provides the possibility to contribute with studies dealing with the utilization of innovative geospatial data sources and state-of-the-art analysis methods. The aim of this Special Issue is, therefore, to generate new methodologic insights in GI science and generate knowledge to build a robust problem-solving capacity for urban sustainability research.

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Message from the Editor-in-Chief

Geographies is an open access, cross-disciplinary journal that covers the physical features of the earth and its atmosphere, also including the human dimension. The scope of this journal is extremely wide, from the study of the various components that make up our planet, to the tools used to conduct these studies, to the human impacts that affect us all. All of these issues can be addressed at a variety of spatial and temporal scales from global to local and from a single point in time through eons. *Geographies* promotes a quest for knowledge and to finding solutions to many of our most pressing and timely issues to benefit our world.

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