Special Issue

Geotechnology in Urban Landscape Studies

Message from the Guest Editor

This Special Issue focuses on integrating geographic information systems (GISs) and remote sensing (RS) to study sustainable practices occurring in urbanized areas. It highlights how geotechnology can improve the understanding, management, development and conservation of the urban environment. I encourage representatives from different disciplines, specialties, or approaches to conduct targeted research on cities, suburbs, or broadly defined urbanized areas using geo-information and geo-informatics tools, remote sensing methods, analytics, artificial intelligence, and machine learning.

- geographical information systems (GISs)
- GIS modelling
- remote sensing imagery
- unmanned aerial vehicles (UAVs)
- geotechnology
- land use/cover changes
- 2D/3D visualization
- ecosystem processes
- ecosystem services
- urban ecology
- urban processes
- urban studies
- sustainable management
- temporal and multitemporal analysis
- spatial analysis
- sustainability
- environmental monitoring
- environmental quality
- environment modelling
- smart city
- smart environment
- urban pollution
- light pollution
- heat island
- city vegetation

Guest Editor

Prof. Dr. Mieczyslaw Kunz

Department of Geoinformation and Environmental Remote Sensing, Faculty of Earth Sciences and Spatial Management, Nicolaus Copernicus University, 87-100 Torun, Poland

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Urban Science
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
urbansci@mdpi.com

mdpi.com/journal/urbansci

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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.

Editor-in-Chief

Prof. Dr. Luis Hernández-Callejo
Department of Agricultural and Forestry Engineering, University of Valladolid, Campus Duques de Soria, 42004 Soria, Spain

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