Special Issue

Remote Sensing in Urban Natural Hazards Monitoring

Message from the Guest Editors

The uncontrollable expansion of urban areas has led to the constant growth of urban populations, resulting in increased exposure to numerous natural hazards. Currently, advances in remote sensing techniques encompass state-of-the-art tools and applications, involving GIS, UAV and Lidar (airborne and terrestrial) and have the potential to provide significant solutions in the field of natural hazard prevention.

The main goal of this Special Issue is monitoring phenomena and natural hazards that can influence urban areas, threaten their population and their infrastructures. Hence, multiscale approaches or studies and interdisciplinary original research articles focused on natural hazards in urban environment monitoring are welcome. Articles may address, but are not limited, to the following topics:

Remote sensing and urban floods; UAV, LiDAR in urban areas; UAV in geomorphological mapping; Remote sensing and GIS applications and urban population applications; Remote sensing and GIS applications in natural disasters in Urban areas; Remote sensing and GIS applications in pandemic situations.

Guest Editors

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Deadline for manuscript submissions

closed (26 May 2024)

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

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