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Remote Sensing and Geospatial Analysis in the Big Data Era

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Message from the Guest Editors

The aim of this Special Issue is to explore the advancements, challenges, and opportunities in exploiting the potential of geospatial Big Data. The objective is to present research that addresses scientific and technical aspects of processing a large amount and variety of geospatial datasets collected by remote sensing (and other) sensors. This Special Issue aims to showcase innovative methodologies, algorithms, and applications that effectively handle and analyze geospatial data in order to better understand and tackle complex societal and environmental challenges.

We invite articles focusing on the advancement and integration of techniques applied for the analysis and interpretation of geospatial data acquired by remote sensing sensors. This involves studies dealing with data processing strategies, data management, machine learning, data fusion, and their applications in environmental monitoring, urban planning, disaster response, and other applications. The space will be given also for studies that focus on a combination and fusion of geospatial data acquired by terrestrial and remote sensing sensors.

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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.

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