Special Issue

Advancements in Geospatial Techniques for Land Change Analysis and Management

Message from the Guest Editors

This Special Issue discusses the rapid advancements in geospatial data analysis methods. New technologies are emerging that combine geospatial data with other complementary data, machine learning algorithms, and artificial intelligence. The global dynamics of land use and air pollution are influenced by factors such as population growth, urbanization, sustainable agricultural development, and climate change mitigation in the interests of environmental protection. Monitoring and managing these changes require sophisticated tools and new data-accuracy methods. Geospatial technologies, including remote sensing, geographic information systems (GIS), spatial modeling, and machine learning, are now essential for understanding these processes and enabling more informed decisions. This Special Issue brings together a body of ground-breaking research highlighting how new technologies (combining diverse data) are being combined and applied to address the complex challenges of land change and air pollution at local, regional, and global scales. We look forward to receiving your original research articles and reviews.

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Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant impact factor, and has a goal to become the best journal in land in the coming years. I strongly recommend Land for your best research publications for a fast dissemination of your research.

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