Special Issue

A GIS Spatial Analysis Model for Land Use Change

Message from the Guest Editors

Land use change is one of the most important types of environmental change, and it is occurring rapidly in all regions around the word. Documenting land use changes, simulating land use changes, and identifying their impact on the environment are becoming more important because the results can be useful for sustainable land management on a local, regional, national or even global scale. GIS-based spatial analysis and GIS modeling have been widely used to monitor and forecast land use/land cover changes and their impact on the environment and human wellbeing. Geospatial technology also plays a key role in monitoring the achievement of Sustainable Development Goals, in particular Goal 11 and land use efficiency (SDG 11.3.1). This Special Issue aims to disseminate state-of-the-art research articles as well as review papers on GIS-based spatial analysis and model for land use/land cover change with the use of earth observation data (in situ and remote sensing), topographic maps, and any other sources of information on land cover/land use.

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Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherentset of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientificallybased political decisions.
We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Editor-in-Chief

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