

Special Issue

Land Use/Cover Change and Its Impacts on Regional Sustainable Development

Message from the Guest Editors

With the global urbanization and economic development, monitoring and analyzing land use and land cover (LULC) change have become a focal point in many interdisciplinary research fields. Rapid urbanization, agricultural expansion and industrialization have contributed to significant alterations in land use and land cover patterns, often resulting in habitat fragmentation, deforestation and loss of biodiversity. These changes not only directly affect the ecological processes and functions of the affected areas, but also have far-reaching consequences on regional climate, water cycles and carbon sequestration. Moreover, the implications of LULC change on food security, human health and socio-economic well-being of communities cannot be underestimated. In this context, the integration of remote sensing, geographic information systems (GIS) and spatial modeling techniques has emerged as a powerful tool for monitoring, assessing and predicting LULC dynamics and their impacts on regional sustainable development.

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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.

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