



GIS Diagnosis of Environmental Planning, Land Transformation and Natural Hazards

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

GIS analysis has become an essential instrument to develop environmental and urban planning or to evaluate the impact of human anthropization in the territory in recent years. The sustainable use of territorial resources, the impact of infrastructures and urban growth, and coastal anthropization detection are just a few examples of topical issues that have experienced rather important transformations in their fields of research at the level of numerical diagnosis, analysis, evaluation, planning, and management, thanks to the major development of GIS tools. This Special Issue seeks contributions involving innovative approaches or relevant case studies regarding land transformation analysis, territorial sustainability, integrated coastal management, environmental impact assessment, natural hazard risk mitigation, etc. through the use of GIS tools. Innovative methodologies, frameworks or significant results from relevant case studies related to all these topics are welcome, but similar ones may also be considered for publication if they fit within the scope of this Special Issue.





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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 coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

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