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GIS and Remote Sensing Applications in Geomorphology

Guest Editors:

Dr. Emmanouil Psomiadis

Department of Natural Resources
Management and Agricultural
Engineering, Agricultural
University of Athens, Iera Odos
75, 11855 Athens, Greece

Dr. Konstantinos X. Soulis

Department of Natural Resources
Management and Agricultural
Engineering, Agricultural
University of Athens, Iera Odos
75, 11855 Athens, Greece

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Message from the Guest Editors

Geomorphology is the study of the landforms and landscapes, their processes, form and sediments at the inland or coastal surface of the earth. Geomorphological mapping is the main process for providing data for the analysis of landforms and the management of land and water resources. Geomorphology constitutes the most crucial parameter in understanding Earth's surface processes, relief configuration, and landscape evolution. Furthermore, geomorphological maps and geomorphological process delineation are essential, for several other sectors of environmental research, land and water conservation organizers, natural hazard and risk managers, urban planners and construction engineers, and scientists dealing with landscapes and landforms, as well as inland and coastal land use/cover changes. This Special Issue aims to review and synthesize all the contributions and the newest progress of methodologies and tools of GIS and remote sensing in geomorphological mapping and geomorphological processes, with a focus on natural hazards, coastal geomorphology, land use/cover change, etc.



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Editor-in-Chief

Prof. Dr. Wolfgang Kainz

Cartography and Geographic
Information Science, Department
of Geography and Regional
Research, University of Vienna,
Universitätsstr. 7, A-1010 Vienna,
Austria

Message from the Editor-in-Chief

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ISPRS International Journal of Geo-Information Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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