Geographical Information Systems and Spatial Analysis in Agriculture and Environment

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Message from the Guest Editors

Geographic information systems are digital systems for assessing spatial variation, which have been combined with the evolution of new technologies for data collection —UAV drones, digital cameras, satellite data, sensors, etc. —and transmitted through IoT (Internet of Things) technologies, and their increasing use through the internet. GIS and advanced earth observation methodologies are paving the way towards a better understanding of ecological and environmental interactions, identifying early indicators of environmental degradation and improving our capacity for risk assessment, timely forecasts and responses.

This Special Issue will summarize the contemporary progress and achievements in geomatics, highlight the recent advancements, and present applications in a wide spectrum of topics related to GIS and geospatial analysis in agriculture and environment. It has been coordinated with the 4th Congress of Geographical Information Systems and Spatial Analysis in Agriculture and Environment, and it includes selected papers from this conference, but also welcomes other papers.

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

Geomatics is an information technology discipline which integrates the tasks of gathering, storing, processing, modeling, analyzing, and delivering spatially referenced or location information.

Geomatics journal offers a new forum to promote multidisciplinary research over broad ranges geomatics innovative research and applications. Original contributions in the form of research papers, communications, letters, short notes, and reviews on all aspects of *Geomatics* are invited.

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