



GIS Applications in Green Development

Guest Editor:

Prof. Dr. Yannis Maniatis

Department of Digital Systems,
University of Piraeus, 18534
Piraeus, Greece

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Message from the Guest Editor

Green development is the answer to the climate crisis. GIS, being the perfect platform for environmental monitoring and design, has extensive fields of application in climate adaptation, mitigation, and resilience. Artificial Intelligence, the Internet of Things, blockchain, 3D printing, robotics, and 5G telecommunication are only some of the most crucial advancements, bringing development on the market, as well as new and innovative applications for decreasing global temperature. Smart GIS applications are the most important instruments in decision makers' hands, in order to design and monitor the new local, national, and international climate circumstances. Since 75% of the Earth's surface is affected by human activities, there is a huge necessity for a broader possible use of smart GIS applications in foreseeing impacts in forests, oceans, urban and rural areas, transportation and production sites, and networks.





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Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

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MDPI, St. Alban-Anlage 66
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