

Special Issue

Uncovering Earth System Processes through Satellite Remote Sensing and GIS

Message from the Guest Editors

The objective of the Special Issue is to provide an overview of the state-of-the-art applied research exploiting the capabilities of optical and SAR remote sensing applied to the Earth system (solid Earth, fluid Earth, and atmosphere). Satellite outcomes and in situ data can be cross-validated and compared in the GIS environment, which is a reliable tool for scientists, stakeholders, and decision makers. In particular, panchromatic, multispectral, and hyperspectral sensors provide reliable instruments for observations of land (soil wetness, agriculture, forestry, mapping, and disaster monitoring), sea (fishery), and space weather. Papers related to data interoperability, mining, and management are warmly welcome.

Guest Editors

Dr. Salvatore Stramondo
Prof. Dr. Roberto Battiston
Dr. Fawzi Doumaz

Deadline for manuscript submissions

closed (30 April 2024)



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About the Journal

Message from the Editor-in-Chief

Geomatics is the modern adaptation of traditional surveying, mapping, and their related skills. In geomatics, Information and Communication Technology (ICT) and digitization play a focal role. Geomatics is the discipline that integrates the tasks of gathering, storing, processing, modeling, analyzing, and delivering georeferenced information. Geomatics produces, validates, and represents georeferenced data that helps to provide services that meet the needs of society.

Editor-in-Chief

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