Special Issue

Earth Observation for Geohazards in the Era of Big Data and Cloud Computing

Message from the Guest Editors

Earth observation (EO) plays a key role in the identification, investigation, and monitoring of natural phenomena, e.g., land subsidence, landslides, volcanic events, or floods, as well as impacts of human activities. EO techniques have become established due to their cost-effectiveness, high accuracy, large spatial coverage, and temporal repetitiveness. To date, millions of images have been published on the Copernicus Open Access Hub to free access for downloading Sentinel products. The advent of Sentinel opened opportunities for applications by the scientific community, providing timely information suitable for monitoring phenomena. Managing and computing the huge amount of data require adequate processing and storage machines. For this reason, the European Space Agency promotes different platforms (e.g., G-POD, GEP, EO browser, and DIAS), and cloud computing (CC) environments were developed for storage and on-demand processing satellite data. Submissions are encouraged covering various topics of innovative applications of remote sensing techniques, as well as case studies.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2020)

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Message from the Editorial Board

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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