



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

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Deadline for manuscript
submissions:

closed (30 September 2020)

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.





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Message from the Editorial Board

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