Big Earth Observation Data: From Cloud Technologies to Insights and Foresight

Guest Editor:

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Message from the Guest Editor

Among the many areas where Big Data has made its entrance, Earth Observation has been one of the most impacted. Data are becoming free, full, and open, but computing resources and data communication are not. The paradigm shift from bringing the data to the user to bringing the user to the data has paved the way to cloud computing, where resources can be shared and scaled depending on the user needs. Next to the technical aspects with respect to cloud based infrastructures, contributions regarding the analysis of big Earth Observation data on these infrastructures are welcome.

This special issue is linked to the Big Data from Space conference (https://www.bigdatafromspace2021.org/). This special issue aims for contributions dealing with applications whereby insights extracted from big Earth observation data are used as a basis for foresight of interest to societal challenges such as the sustainable developments goals and climate change. Models integrating Earth Observation time series linked with other relevant data sources in support to policy and decision making are indeed most relevant within the context of our rapidly changing world.

Special Issue

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Message from the Editor-in-Chief

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