

Special Issue

Earth Observation Data Cubes

Message from the Guest Editors

Addressing Big Data challenges such as volume, velocity and variety, requires a change of paradigm and moving away from traditional local processing and data distribution methods to lower the barriers caused by data size and related complications in data management. In particular, data volume and velocity will continue to grow as the demands increase for decision-support information derived from these data.

To tackle these issues and bridge the gap between users' expectations and current Big Data analytical capabilities, EO Data Cubes (EODC) are a new paradigm revolutionizing the way users can interact with EO data and a promising solution to store, organize, manage and analyze EO data. The main objective of EODC is to facilitate EO data usage by addressing volume, velocity, variety challenges and providing access to large spatio-temporal data in an analysis ready format.

This Special Issue is consequently aiming to cover the most recent advances in EODC developments and implementations.

More information at: mdpi.com/si/18569

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Message from the Editor-in-Chief

Data is an open access journal that publishes scientific data in a reliable, citable, and accountable manner. Data grants the opportunity to formally share valuable data, for academic credit. It covers a wide range of disciplines in which data is generated so that published data is discoverable and available for wider re-use. The journal has highly accomplished scientists from a variety of disciplines on the editorial board. The publication emphasizes clarity, honesty, quality, and novelty and has a rigorous peer-review process. We strongly encourage you to share your data vision in Data.

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