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Earth Observation Data Cubes

Guest Editors:

Dr. Gregory Giuliani

Prof. Dr. Gilberto Camara

Dr. Brian Killough

Dr. Stuart Minchin

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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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Special Issue



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Editor-in-Chief

**Prof. Dr. Jamal Jokar
Arsanjani**

Geoinformatics and Earth
Observation Research Group,
Department of Planning, Aalborg
University Copenhagen, A.C.
Meyers Vænge 15, DK-2450
Copenhagen, Denmark

Message from the Editor-in-Chief

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Contact Us

Data Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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