Special Issue

Earth Observation Data: The Digital Transformation of Society

Message from the Guest Editors

This Special Issue aims to present new methodologies and technological solutions to address the challenges posed by big data related to Earth observations for their fusion and processing to create actionable intelligence. The proposed works should discuss how they have overcome the traditional paradigm of SDI and instead support the innovative concept of data-driven AI and digital twins. Finally, a discussion on the sustainability and scalability of the proposed solutions and methodologies would be very important.

Scientists, scholars, and practitioners are invited to submit their original research papers on the following interrelated and not exclusive topics:

- Remote sensing applications for society smartification.
- Big Earth observation data for building digital twins of the Earth.
- Earth Observation Analysis-ready data and scalable computing platforms.
- (Towards) the concept of Earth Observation Data Space.
- Remote sensing and edge computing.
- Remote sensing data to train data-driven AI.
- Earth observation data and scientific models as part of the Metaverse.

Guest Editors

Prof. Dr. Stefano Nativi

Dr. Gregory Giuliani

Dr. Joan Masó

Prof. Paolo Mazzetti

Deadline for manuscript submissions

closed (30 November 2023)

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About the Journal

Message from the Editor-in-Chief

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.

Editor-in-Chief

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