



## Advances in Satellite Image Analysis and Applications for Earth Observation

Guest Editors:

**Dr. Daniele Oxoli**

**Dr. Maria Alicandro**

**Dr. Maryam Lotfian**

**Dr. Peng Peng**

**Prof. Dr. Maria Antonia  
Brovelli**

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submissions:

**30 August 2024**

### Message from the Guest Editors

This Special Issue delves into the latest EO satellite image analysis advancements and explores their manifold applications across various scientific disciplines. From monitoring environmental changes and assessing natural disasters to informing urban planning and agricultural practices, the contributions within this collection will showcase cutting-edge methodologies and innovative approaches that harness the power of satellite EO data for a better understanding of Earth's complex systems. We welcome the submission of original research articles and reviews that focus on, but are not restricted to, the following themes:

Techniques for satellite-based urban environment monitoring; Satellite EO data application for ecosystem and biodiversity conservation; Satellite EO application to climate pattern analysis; Novel approaches for disaster management using EO satellite imagery; Satellite EO application in smart farming and smart cities; Satellite-based analysis of human activities and their impact on the environment; Machine and deep learning techniques for satellite imagery content retrieval; Evaluations of cutting-edge EO software and platforms.





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Western Geographic Science  
Center (WGSC), 2255, N. Gemini  
Dr., Flagstaff, AZ 86001, USA

## Message from the Editor-in-Chief

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## Contact Us

*Remote Sensing* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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