

Special Issue

Earth Observation and Geodetic Techniques: Integration, Innovation, and Resilience

Message from the Guest Editors

This Special Issue explores the role of Earth observation and geodetic technologies in fostering resilient and environmentally sustainable regional development. We invite contributions that utilize remote sensing, photogrammetry, UAVs, and LiDAR data analysis, integrated with GIS-based modelling and digital twin approaches, to support participatory planning and adaptive management at local and regional levels. We are particularly interested in research that bridges geospatial data with community engagement, innovation ecosystems, and territorial development strategies. Contributions that highlight the connections between geodesy and remote sensing advancements with social innovation, governance, and knowledge exchange among academia, public authorities, and industry are especially welcome. Our aim is to promote interdisciplinary collaboration among engineers, geoscientists, social researchers, and policymakers who are committed to resilient, data-driven spatial design and regional transformation.

Guest Editors

Dr. Jakub Szulwic

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About the Journal

Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Editor-in-Chief

Prof. Dr. Alberto G. Fairén

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