



Dynamic Topography Using Remote Sensing: Multidisciplinary Approaches to Detect and Model Earth's Surface Processes

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Deadline for manuscript
submissions:

30 September 2024

Message from the Guest Editors

Surface responses to allogenic forcings- and autogenic processes occurring at different time scales and frequencies modulate the spatio-temporal distribution of local-to-global scale environmental changes. In this Special Issue, we aim to focus on multidisciplinary studies that apply remote sensing techniques and explore spatio-temporal surface evolution in response to different forcings and processes, such as crustal deformation and fluvial reorganization, as well as investigate the impact of climate change on surface processes and anthropic spreading. We also invite submissions that combine remote sensing with other classical and innovative approaches, focusing on modelling regional geomorphic evolution, rock type detection, natural hazard assessments, strain partitioning in tectonically active region, erosional-depositional dynamics, etc.

Potential topics include, but not limited to, the following:

- Tectonic processes;
- Climate change-related surface evolution;
- Drainage systems reorganization;
- Fault slip detection, strain partitioning and seismic cycles;
- Fluvial-deltaic sediments' evolution, routing and deposition;
- Geomorphology and land use changes.





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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.

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Journal Rank: JCR - Q1 (*Geosciences, Multidisciplinary*) / CiteScore - Q1 (*General Earth and Planetary Sciences*)

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