Special Issue

Role of Remote Sensing in Investigating Fault Zone Properties over Various Spatial-Temporal Scales

Message from the Guest Editors

Mitigating the seismic hazard of a fault zone lies in understanding its physical properties and processes over various spatial-temporal scales. Investigating fault properties, which control its stress loading, dynamic rupture, and stress adjust behaviors, has been a primary focus of the seismic, geodetic, and geologic communities. The development of remote sensing techniques provides a powerful tool to investigate the morphology and deformation of a fault zone, which reveals detailed and rich faulting behaviors with unprecedented detail. It is our pleasure to announce the launch of a new Special Issue in *Remote Sensing* whose goal is to gather recent studies on applying remote sensing techniques to the study of fault zone properties. Research topics include but are not limited to the application of space- or airborne remote sensing techniques, e.g., optical, SAR and LiDAR techniques, to investigate fault traces, geometrical structures, frictional properties, and pore–fluid properties. Joint analysis of geodetic, seismic, and geological observations to investigate slip processes in co-, post-, and inter-seismic time scales incorporation is also welcome.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editorial Board

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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