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Space and Airborne Remote Sensing for Geo-Hazards, Tectonics, and Earth Structure and Composition

Guest Editors:

Prof. Dr. Mark van der Meijde

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Deadline for manuscript
submissions:
closed (30 August 2020)

Message from the Guest Editors

Remotely sensed data are increasingly being used to study geo-hazards and tectonics. Space and airborne earth observation data, in particular, add a spatial and time component compared to traditional analysis approaches. They thereby provide a unique dimension that is impossible to achieve with the ground-based observations that result from traditional fieldwork activities.

In this special issue, we invite you to submit an innovative contribution that explicitly makes use of space and airborne remote sensing data and techniques for the study of geo-hazards and tectonics. We particularly encourage studies that address the links between subsurface or external processes and their surface manifestations in space and time, or directly estimate or invert the subsurface structure and physical state.

Papers are solicited in, but not limited to, the following areas:

- earthquakes, landslides, and relations between them in a multi-hazard approach;
- earth structure and composition in the framework of the tectonic events that have shaped them; and
- surface manifestations of geodynamical events.



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Special Issue



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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