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Near-Surface Geophysics: A Remote Sensing Tool for the Shallow Subsurface

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Deadline for manuscript submissions:
closed (20 October 2022)

Message from the Guest Editors

Dear Colleagues,

This Special Issue of *Remote Sensing* aims to provide an overview of recent advances in near-surface geophysics, with a special focus on case studies demonstrating its potential in environmental, hydrogeological, and engineering investigations, especially when geophysical methods are used in conjunction with other proximal and/or remote sensing techniques. Papers on novel data acquisition procedures and innovative distributed sensors, enabling rapid area coverage and allowing for the collection of a large volume of data, are welcome. We are also looking for contributions showing the added value of combined approaches to complex 3D characterization and modeling of surface and subsurface targets and/or processes. Joint interpretation (inversion) of multiple data types, either within a deterministic or geostatistical framework, is also of interest. In addition, contributions on our understanding of the dynamic links (relationships) between geophysical properties and physicochemical properties of subsurface materials will also be appreciated.

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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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