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Microwave Imaging of Subsurface Objects in Applications for Engineering Technologies: Instruments and Methods

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Message from the Guest Editors

Currently, the microwave (MW) imaging of subsurface objects has numerous and useful applications. In some cases, it is impossible to propose other means that can compete with MW in the examination of opaque media. For example, we may mention ground-penetrating radars that provide the unique possibility of finding various subsurface objects ranging from land mines to tunnels and buried utilities.

We invite you to participate in a Special Issue of *Remote Sensing* (ISSN 2072-4292) with possible topics listed below:

- Impulse subsurface radar design and applications;
- Holographic subsurface radar design and applications;
- MW imaging in the non-destructive testing of composite materials;
- MW applications in archaeology and cultural resource investigations;
- MW imaging in the preservation and restoration of artworks and architecture;
- Land mines detection in humanitarian operations;
- Air- and space-based Earth and planetary research using radar;
- Security applications of MW;
- Algorithms for MW image processing.

This is an incomplete list of topics. You can propose a paper that describes another application of microwave imaging.

Special Issue



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Message from the Editorial Board

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