Special Issue

New Insights in Ground Penetrating Radar Antenna Research and Landmine Detection

Message from the Guest Editors

This special issue aims at exploring antenna research and design techniques for use in GPR sensors for landmine detection. Topics may cover all types of GPR antennas ranging from antennas for holographic, time domain, frequency domain and noise radar systems as well as SAR. Modelling, simulation as well as antenna measurements in the laboratory and field are particularly welcome. Many GPR antennas are arranged in a bistatic configuration and research on monostatic and array antennas could provide novel insights into future developments. Papers are welcomed on antenna design and performance on a variety of configuration such as hand-held, vehicle mounted and UAV mounted platforms. Keywords

- landmine detection
- GPR antennas
- handheld
- vehicle mounted
- UAV mounted
- single, dual and array GPR antennas

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Deadline for manuscript submissions

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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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