Special Issue

Remote Sensing of Landmines and ERW Using Ground Penetrating Radar

Message from the Guest Editors

Although the 1997 Ottawa Mine Ban Treaty, now ratified by 164 countries, has helped reduce the number of Anti-Personnel (AP) landmines worldwide, there still remains a considerable number in many countries, and more are being added in current conflicts. Clearance is still a costly and time-consuming operation due to the high false alarm rate of conventional metal detectors, which, owing to their affordability, still remain the main detector of use. Recent technology in the form of dual sensor detectors comprising metal detection and ground penetrating radar (GPR) sensors has proved an effective method of reducing false alarms and speeding up clearance. This Special Issue aims at exploring research and design techniques for use in GPR sensors for landmine detection. Topics may cover all aspects of GPR design, ranging from antennas for holographic, time domain, frequency domain, and noise radar systems as well as SAR. Submissions are welcomed on system, antenna, and signal processing design and performance in a variety of configurations, such as hand-held, vehicle-mounted, and UAV-mounted platforms.

Guest Editors

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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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