Special Issue

Advanced Array Signal Processing for Target Imaging and Detection

Message from the Guest Editors

In recent decades, considerable progress has been made in the theory and methodology of array signal processing for airborne, ground, marine, and underwater target detection. It is valuable to attain a comprehensive understanding of current array signal processing theory and approaches for detecting various targets in the air, on the land, in the sea, and under water, and thus to solve future problems exerted by the new application requirements. The Special Issue will focus on (but is not limited to) the following aspects:

- State-of-the-art array signal processing of radar and sonar;
- Waveform/frequency diversity;
- Artificial intelligence for aerial/underwater target characterization, analysis, and recognition under various interference, clutter, and noise conditions;
- Novel modelling and analysis methods for complex target detection;
- Methods and approaches for the optimization of target detection and imaging;
- Practical validation notes and technical reviews of the related topics.

For this Special Issue, we welcome manuscripts on active and passive microwave/acoustic remote sensing, signal and image processing methods, and experimental applications of remote sensing.

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Deadline for manuscript submissions

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Message from the Editorial Board

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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