# Special Issue

## Radar Imaging Theory, Techniques, and Applications

### Message from the Guest Editors

This Special Issue focuses on reporting new imaging theory and novel techniques, and their interplay, in a wide frequency region, and, perhaps, equally imperative, on better usage of images and new applications. The issue covers a broad, but comprehensive, treatment of subjects closely-related to the imaging of objects to random media by means of theory modeling, numerical simulation, and laboratory measurements. Papers on applications to interpret and thus to exploit the target features, and all the way to detect, to identify, and perhaps to recognize the targets of interest, with aids of deep learning algorithms are welcome. Pioneering works from internationally-recognized experts are invited to this well-focused issue. Contributions are welcome for the following topics (but are not limited to them):

- Scattering theory related to radar imaging
- Approximations and numerical techniques
- Active and passive imaging techniques
- Image formation, focusing, and enhancement
- Advanced feature extraction techniques
- Information content and image quality assessment
- Novel algorithms for target detection, classification, identification, and recognition

### Guest Editors

Prof. Dr. Kun-Shan Chen
Prof. Dr. Saibun Tjuatja
Dr. Xiaofeng Li

### Deadline for manuscript submissions

closed (31 December 2018)

# Remote Sensing

# About the Journal

## 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.

## Editors-in-Chief

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