

## Special Issue

# Signal Processing Theory and Methods in Remote Sensing

### Message from the Guest Editors

Signal processing theory and methods play an important role in the development of remote sensing technologies. From conventional Fourier transformation to the latest deep neural networks, every development in signal processing areas certainly promotes the rapid growth of remote sensing technologies, and even motivates new remote sensing technologies. This Special Issue aims at studies covering signal processing theory and methods that are used in different stages of different kinds of remote sensing technologies. Articles may address, but are not limited, to the following topics:

- Signal estimation in remote sensing;
- Signal reconstruction in remote sensing;
- Signal processing hardware for remote sensing;
- Signal filtering in remote sensing;
- Signal detection in remote sensing;
- Signal identification in remote sensing;
- Fourier Transform-based remote sensing;
- Fractional Fourier Transform-based remote sensing;
- Wavelet-based remote sensing;
- Compressive sensing-based remote sensing;
- Neural network-based remote sensing;
- Statistic signal processing for remote sensing;
- Intelligent signal processing for remote sensing.

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### Guest Editors

Dr. Shaohui Mei

Dr. Xiuping Jia

Prof. Dr. Ran Tao

Dr. Junhui Hou

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### Deadline for manuscript submissions

closed (9 February 2024)



## Remote Sensing

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Impact Factor 4.2  
CiteScore 8.3



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### Message from the Editor-in-Chief

*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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### Editor-in-Chief

Dr. Prasad S. Thenkabail

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