

## Special Issue

# Image Segmentation for Environmental Monitoring

### Message from the Guest Editors

Image segmentation has become a major topic of interest in the environmental remote sensing field due to the ever-increasing quantity of high spatial resolution (HSR) imagery acquired from satellites, airplanes, unmanned aerial vehicles (UAVs), and other platforms. Image segmentation involves sub-dividing an image into homogeneous regions that ideally represent real-world objects of interest, and it has been shown to be particularly beneficial when the objects of interest in an image are larger than the image pixels, as is often the case with HSR images. This Special Issue welcomes submissions representing advances in remote sensing image segmentation methods, strategies, and/or applications. Submissions may cover a wide range of topics including (but not limited to):

- Image segmentation algorithm development and evaluation
- Segmentation parameter selection and “optimization”
- Segmentation approaches for multi-source/multi-sensor data analysis
- Segmentation approaches for multi-temporal/time-series data analysis (e.g., vegetation phenology monitoring or land use/land cover change mapping)
- Segmentation approaches for big data analysis

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### Guest Editors

Dr. Brian Alan Johnson

Natural Resources and Ecosystem Services, Institute for Global Environmental Strategies, Kanagawa 240-0115, Japan

Dr. Lei Ma

Department of Geographic Information Science, Nanjing University, Nanjing 210046, China

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### Deadline for manuscript submissions

closed (31 December 2019)



## Remote Sensing

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*Remote Sensing*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)

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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

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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