Image Segmentation for Environmental Monitoring

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Deadline for manuscript submissions:
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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

Special Issue

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Message from the Editor-in-Chief

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