Remote Sensing Image Downscaling

Guest Editor:

Prof. Peter M. Atkinson
Lancaster Environment Centre,
Lancaster University, UK
pma@lancaster.ac.uk

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Message from the Guest Editor

This Special Issue aims to showcase a wide range of new developments in remote sensing image downscaling. The scope includes both image downscaling for land cover classification and downscaling of continua. Contributions which provide new downscaling solutions for extensive time-series of remotely sensed images are particularly encouraged. Contributions may focus on, but are not limited to:

1. New methods for the creation of downscaled image time-series and fine resolution change detection;
2. New (e.g., Bayesian, machine learning, and computationally efficient) approaches to spatial downscaling;
3. Image downscaling in operational applications (e.g., agricultural monitoring and crop yield forecasting, deforestation, urbanization, vegetation phenology, spatial epidemiology);
4. Assessment of the information content and uncertainty in downscaled products.

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