



Advanced Multisensor Image Analysis Techniques for Land-Cover Mapping

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Message from the Guest Editors

Dear Colleagues,

Recent advances in remote sensing technologies and their corresponding variety provide complementary information for the target detection, analysis, and observation of the Earth. However, the complexity and variety in remote sensing imaging technologies makes the simultaneous interpretation of the different data sources from ground measurements to aerial and space measurements very challenging. First, the large amount of multisource data makes the analysis cumbersome for the end-users. Second, integrating and interpreting multisource data requires one to develop exclusive image analysis techniques due to the different characteristics of the data, which are often caused by differences in the measurement techniques. As a result, conventional image processing techniques often either fail or they are not efficient enough for multisensor data analysis.

The main aim of this *Special Issue* is to present the most recent image processing and machine learning techniques for land-cover mapping and tracking using multisensor data such as hyperspectral, multispectral, light detection and ranging, and synthetic aperture radar data.





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Message from the Editor-in-Chief

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