Special Issue

Mapping Forest Extent and Disturbances with Dense SAR Time Series Data

Message from the Guest Editors

Forest areas have been lost globally at an alarming rate through the last few decades, predominantly because of anthropogenic factors. Remote sensing constitutes a unique tool to monitor the extent and intensity of forest losses. This issue aims to investigate the state of the art on SAR time-series analysis over forests. Forest loss detection is the main objective, but most forest loss detection methods rely on a forest map to mask out non-forest areas, and therefore, methods that allow an accurate mapping of forest extent using time series analysis will be considered of interest as well. This issue will welcome papers dealing with SAR time-series data processing, classification, and interpretation over tropical, temperate, or boreal forested landscapes. A broad range of subtopics may be considered, such as operational approaches to near-real time forest disturbance monitoring, experimental deep learning methods to analyze time series, or PolInSAR change detection.

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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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