Special Issue

Vegetation Cover Changes from Satellite Data

Message from the Guest Editor

Vegetation cover is the most important indicator of ecosystem transformations and landscape history on local, regional, or global scales. The vegetation is one of the easily readable objects for optical remote sensing, as an active pigment keeper. The water content and density combinations of plant shoots and tree crowns open the possibility for SAR instruments analysis. The high-accuracy measurements and time-series stability of RS data are the basis for statistically correct estimations of transformations of vegetation cover. The species composition dynamics and plant biomass production are visual processes of ecosystem changes. Past and new disasters of vegetation cover (windfalls, fires, pasture grazing) affect biodiversity.

This Special Issue will accumulate original research on Vegetation Cover Changes at different levels of organization: from local communities to transition landscape zones of biomes. Careful research carried out at the local level can serve as a basis for other researchers to compare and validate their global conclusions. New algorithms for processing and measurement sensors for vegetation cover changes are also welcomed.

Guest Editor

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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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