Special Issue

Global Vegetation Monitoring by Hyperspectral Imaging

Message from the Guest Editor

Nowadays, new (DESIS, PRISMA) and upcoming (ENMAP, SBG) large hyperspectral missions, as well as some innovative smaller missions, will be able to provide much larger coverage and increased spatial detail, which opens up greater opportunities to monitor global vegetation using hyperspectral data. However, to provide regularly updated hyperspectral imagery at a global scale is a tremendous challenge which requires efficient strategies for efficient data acquisition, processing, and product delivery. As solutions increasingly use data from multiple satellites, calibration and product validation activities become ever more crucial.

Here, we aim to publish papers which bridge the gap between the technological developments of hyperspectral instruments and satellite missions, and topical investigations on global vegetation using the data arising from these developments. The combination of both approaches will contribute to a better understanding of possibilities and needs, and lead the way towards novel applications advancing hyperspectral vegetation monitoring. Potential authors are encouraged to reflect also on aspects complementing their main area of expertise.

Guest Editor

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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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