



Global Vegetation Monitoring by Hyperspectral Imaging

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Message from the Guest Editor

Dear Colleagues,

Nowadays, new (DESI, 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.





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Message from the Editor-in-Chief

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