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# **Unmanned Aerial Vehicle Based Hyperspectral Imaging for Earth Observation**

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# **Message from the Guest Editors**

Small form factor hyperspectral sensors (< 10 kg) (HSI) mounted on unmanned aerial vehicles have rapidly evolved over the last decade and now they have shown potential for next-phase Earth Observation applications calibration/validation, satellite products agriculture, biodiversity, geology, inland and costal ecosystems, etc. Currently, UAV-HSI provides up to ~550 contiguous spectral bands, usually encompassing the visible and near infrared (400nm-900 nm) and short-waveinfrared (900nm-2500nm) regions, capturing hyperspectral imagery at ultra-high spatial resolution, e.g., 1cm-10cm. The goal of this Special Issue is to publish papers (original research articles and reviews) focused on the use of UAV-HSI for Earth Observation applications, following best practices and protocols to generate reliable hyperspectral imagery, i.e., geometrically and radiometrically corrected imagery.











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