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Special Issue Reprint

Recent Advances in Hyperspectral Remote Sensing

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Hyperspectral remote sensing enables the detection of targets with a high spectral resolution across narrow wavelength bands, combining spatial imagery with continuous spectral data. This technology allows for precise identification and offers a transformative perspective regarding Earth observation. Moreover, recent advances in artificial intelligence have further propelled progress in hyperspectral remote sensing, enhancing its theoretical foundations, technological capabilities, and practical applications across diverse fields.

This Reprint seeks to showcase the cutting-edge developments in hyperspectral remote sensing, including theoretical innovations, technological breakthroughs, and novel applications. By compiling a collection of the latest studies, we aim to provide valuable insights for the remote sensing research community and foster future advancements in this dynamic field.

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