

Remote Sensing Data Analysis

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Remote sensing is a well-established domain with a plethora of applications in many fields, being very attracting due to the signal acquisition without contact or any interference with the envisaged scene. Color, multispectral and hyperspectral imaging is of special interest in the remote sensing context due to the increased capabilities of sampling the visible spectrum and beyond. With the increasing of both the spatial and spectral resolution, the current imaging technologies require new processing and analysis tools or adapting the existing ones to the multivariate nature and the increased volume of acquired data. This special session expects contributions to the processing and analysis of color, multispectral and hyperspectral images with particular focus on applications for precision agriculture, but not limited to.