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Analysis of Multispectral and Hyperspectral Data

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Message from the Guest Editor

Dear Colleagues,

These Special Issues concern multispectral and hyperspectral imaging. Both approaches measure the wavelength dependence of the light captured by a sensor, but the nature of the instrument, and sometimes the processing approach, are different. Such work has quantified the idea of using “color” to gather information regarding the environment around us. Now, multispectral and hyperspectral instruments orbit the Earth and other planets, are used in factories and medical facilities, and have both military and forensic uses.

As the field is so large, there will be two Special Issues—Part I: “Analysis of Multispectral and Hyperspectral Data” and Part II: “Multispectral and Hyperspectral Instrumentation”.

The Part I subjects include, but are not limited to, target detection, retrieval of environmental information, industrial and medical uses. Essentially, this includes all processes used once the data is, as necessary, calibrated and geolocated, or otherwise prepared.

Dr. Jeffrey H. Bowles

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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