

Special Issue

Analysis of Multispectral and Hyperspectral Data

Message from the Guest Editor

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.

Guest Editor

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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