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Analysis of Multispectral and Hyperspectral Data

Guest Editor:

Dr. Jeffrey H. Bowles

Naval Research Laboratory,
Remote Sensing Division, 4555
Overlook Ave, SW, Washington,
DC 20375, USA

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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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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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