

## Special Issue

# Hyperspectral Sensing: Imaging and Applications

### Message from the Guest Editor

Hyperspectral imaging has emerged as a groundbreaking technology, capturing detailed spectral information across a wide range of wavelengths to enable precise material identification and analysis. Its ability to collect rich spectral data without physical contact makes it a powerful tool across various disciplines, including environmental monitoring, agriculture and food safety, chemical and material characterization, medical and biomedical applications, defense and security, forensic science, and pharmaceutical quality control. This Special Issue, entitled “**Hyperspectral Sensing: Imaging and Applications**”, highlights the latest advancements in hyperspectral imaging techniques, data processing algorithms, and their multidisciplinary applications. We invite researchers to contribute original studies, reviews, and case studies that explore innovative methodologies, address challenges in spectral data analysis, and demonstrate the transformative potential of this technology in fields ranging from healthcare to environmental sustainability and material science.

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### Guest Editor

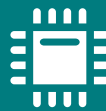
Prof. Dr. A. G. Unil Perera

Department of Physics & Astronomy, Georgia State University, Atlanta,  
GA 30303, USA

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### Deadline for manuscript submissions

closed (1 November 2025)



## Sensors

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*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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*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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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro  
Department of Electrical and Information Engineering, Politecnico di  
Bari, Via Orabona 4, 70126 Bari, Italy

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