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Innovative and Advanced Applications of Hyperspectral Imaging Technology

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Deadline for manuscript submissions:
closed (10 September 2021)

Message from the Guest Editors

Dear Colleagues,

Macroscopic hyperspectral imaging was mostly implemented by satellites and airplanes, but with today's development of cheaper drones, hyperspectral measurement increases the possibilities of use to unimaginable limits (agronomy, forestry, geology, archeology, hydrology, ecology). On the other hand, with the rapid development of hyperspectral sensors and illumination sources, laboratory and field hyperspectral imaging provide many new applications (industry, engineering, archeology, medicine). The rapid growth of this field has made it difficult for many researchers to keep up with the development and advancement of its technology, including data handling, analysis, and presentation. Thus, this Special Issue aims to address the current status of technology and application in any of the above mentioned areas of use of hyperspectral measurements and remote sensing methods. Papers exploring the innovative possibilities of using hyperspectral sensors and ways of processing and obtaining results from them for different areas of human activity are invited.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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