Special Issue

The Use of Hyperspectral Remote Sensing Data in Mineral Exploration

Message from the Guest Editors

In remote sensing, the spectroscopy combined imaging system has been used to develop the hyperspectral remote sensing technique. The relevant techniques and data are currently being investigated for their potential use by researchers and scientists. This technique produces large data sets consisting of 100 to 200 or more spectral bands—in a narrow bandwidth from 5 to10 nm—for various applications. For these purposes, pre- and post-processing of data and several new image processing methods and algorithms have been developed. Recently, imaging spectroscopy has been utilized well in physicists' and chemists' laboratories, in addition to mining industries. The availability of the Italian spaceborne hyperspectral sensor PRISMA has allowed scientists to make use of the data availability arising as a result in a variety of fields. The data acquired by drone or airborne hyperspectral sensor/ imaging systems are utilized widely for the mapping and monitoring of minerals. The aim of this Special Issue is to document updated research knowledge in spectroscopy, imaging systems, and potential applications for the future development of HIS systems and techniques.

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Message from the Editorial Board

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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