Special Issue

Surface Mineral Allocation and Lithological Mapping Based on Remote Sensing

Message from the Guest Editors

With the benefit of technological progress, many subsequent sensors have been developed, with rapidly improved spatial, radiometric, and spectral resolutions, which enable various forms of advanced analysis of remote sensing data. For example, multispectral observation at increased numbers of bands enables us to analyze surface mineralogy based on the spectral properties of the materials, which is directly linked to the theme of this Special Issue. Recently, ASTER sensor onboard Terra has been quite utilized in geological studies, especially for mineralogical and lithological mapping with spectral observation. Satellite-borne hyperspectral sensors (for example, Hyperion on EO-1) have been developed, and several similar ones are planned to be launched into orbit in the near future. New innovative sensors for UAV and other platforms are expected to be developed, which will be useful for the study of mineralogy and lithology. We would like to invite you to submit articles about your recent research linked to the title of this Special Issue “Surface Mineral Allocation and Lithological Mapping Based on Remote Sensing”.

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Message from the Editor-in-Chief

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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