Special Issue

Remote Sensing in Support of Aeolian Research

Message from the Guest Editor

Remote sensing provides a tool for mapping aeolian landforms and processes on Earth and in the solar system and can identify landforms, dune movement, dust production, composition, dispersal, and deposition. Given the proliferation of accessible spatial data and semi-automated mapping techniques, examining the response of aeolian systems to prevailing and changing winds is becoming increasingly feasible. Dust source mapping has been successful in taking us from the regional basin scale to the landform level, however robust, automated dust source identification techniques are yet to be developed, which would also establish more detailed sediment supply and availability limitations. Aeolian science requires a better integration into global earth systems and climate science, while the scale and magnitude of the human impact has not been quantified. We invite contributions that address these and other opportunities in aeolian research.

Guest Editor

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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.

Editor-in-Chief

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