Special Issue

Using Time Series Analysis of Remote Sensing Images to Detect Changes in Land Condition

Message from the Guest Editor

Remotely sensed images of the earth surface are now widely used to detect temporal changes in land condition and land use, including detecting trends in land degradation, demonstrating the effects of land management interventions, and delineating more rapid changes in vegetation such as burned areas. Time-series analysis is an often preferred method for land change detection. This Special Edition of Land will focus on studies which successfully use time-series modeling of remotely sensed imagery to inform land management. Although our emphasis will be on papers which demonstrate successful application of time-series analysis to address land management problems, we are also interested in papers which develop novel or interesting time-series modeling methodology, including those applicable to detecting non-seasonal trends and events, such as those typically occurring in arid lands. Papers on the detection and/or prediction of burned area trends or the effects of human activity, including grazing, on land condition will be particularly welcomed.

Guest Editor

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Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant impact factor, and has a goal to become the best journal in land in the coming years. I strongly recommend Land for your best research publications for a fast dissemination of your research.

Editor-in-Chief

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