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Earth Observations for Ecosystem Resilience

Guest Editors:

Dr. Stefanie Herrmann
School of Natural Resources and the Environment, University of Arizona, Tucson, AZ 85721, USA

Dr. Donald Falk
School of Natural Resources and the Environment, University of Arizona, Tucson, AZ 85721, USA

Deadline for manuscript submissions:
closed (30 September 2021)

Message from the Guest Editors

Dear Colleagues,

Remote sensing has evolved as a tool of choice to monitor and assess social–ecological systems, encompassing the natural and managed environment. The aim of this Special Issue is to document the utility of Earth Observation tools and techniques for monitoring and evaluating the resilience of social–ecological systems. We invite articles at scales from local to global that explore remote sensing-based indicators of resilient behavior, as well as the mechanisms and factors that contribute to resilience. We also welcome submissions that quantify ecosystem responses to stressors and disturbances such as drought, wildland fire, and disease and insect outbreaks, to illustrate the limits of resilience. We encourage a wide range of contributions from basic and theoretical research to applied research that can be used to inform policy and management decisions. Research that examines the complexity of social–ecological systems by addressing (a) the interplay among multiple parameters of resilience, (b) responses to multiple stressors, and (c) interactions across multiple scales is of particular interest.

Dr. Stefanie Herrmann
Dr. Donald Falk

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Editors-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

Prof. Dr. Dongdong Wang
Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

Message from the Editorial Board

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Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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remotesensing@mdpi.com
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