Special Issue

Human–Environment Interactions Research Using Remote Sensing

Message from the Guest Editors

The SI invites manuscripts integrating remote sensing technologies and other cutting-edge geospatial technologies to answer questions on how human systems respond to a dynamic environment and the best pathways to achieve sustainability. Potential topics include but are not limited to the following: State-of-the-art technologies and applications on human–environmental interactions using remote sensing; Interaction effects of socioenvironmental dynamics on food, water, and energy securities, disease spread, and public health; Impacts of human activities on environmental changes, such as coastal land loss, flooding, deforestation, wildfires, and decreasing biodiversity and natural resources; Human–environment interactions under concurrent disasters; Short-term and long-term disaster resilience assessment and modeling; Integration of remote sensing with geospatial big data on human dynamics modeling; Applications of Artificial Intelligence algorithms on socioenvironmental dynamics simulation and modeling; Scale effects on coupled human–environmental system modeling; Geospatial data fusion challenges and considerations in human and natural interactions research.

Guest Editors

Prof. Dr. Nina Lam
Dr. Heng Cai
Dr. Lei Zou

Deadline for manuscript submissions

closed (30 June 2021)

Remote Sensing

About the Journal

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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