

Special Issue

Remote Sensing of Ecogeomorphology and Ecohydrology: Feedbacks between Biota and Sediment Transport at the Earth Surface

Message from the Guest Editors

The goal of this Special Issue is to promote works, applying mainly a remote sensing approach, that investigate how the Earth's surface is shaped by vegetation, animals, and micro-organisms, and subsequently how these ecosystems evolve within the newly generated landscape. Examples of study topics in this new and exciting field are the feedbacks between water fluxes, sediment transport, and biology, and the spatial organization of vegetation on terrestrial landscapes. We encourage submissions of ecogeomorphic and ecohydraulic studies based on remote sensing observations coupled with field experiments and numerical modeling. Emphasis will be given to novel research that investigates the resilience of coupled ecological–geomorphic systems to climate change. In particular, we seek ecogeomorphic contributions in coastal and marine processes, aeolian processes, hillslope dynamics, river geomorphology, glacial and periglacial landscapes, and tectonics geomorphology.

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2022)



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About the Journal

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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