Remote Sensing for Biodiversity, Ecology and Conservation

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Message from the Guest Editors

Dear Colleagues,

The human-induced loss of biodiversity has to be stopped and the scientific community should provide answers on how to reach zero-net loss. Remote sensing offers tools for monitoring and mapping the Earth’s surface at different spatio-temporal scales, while biologists provide knowledge on the Earth’s biota, its ecology, and how to safeguard it. Therefore, this Special Issue on "Remote Sensing for Biodiversity, Ecology and Conservation" calls for manuscripts that demonstrate successful combinations of both disciplines. We welcome recent technological and/or methodological innovations in mapping, monitoring or measuring biodiversity, or detecting changes in states thereof; in particular, real-world applications and best practice examples showing how existing conservation strategies, such as the European NATURA 2000 network, can benefit from remotely-sensed information. In addition to terrestrial ecosystems, developments in the realm of marine remote sensing and ecology are also welcome.

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