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Recent Progress in Remote Sensing of Land Cover Change

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Message from the Guest Editors

Dear Colleagues,

Land cover change (LCC) is a continuous process intertwined with climate change, natural disasters, socio-economic factors, political decisions, increasing populations, and changes in consumption patterns. LCC is a dynamic phenomenon on Earth's surface; it has a local, regional, and global footprint, and is simultaneously considered a cause and a consequence of environmental change. Monitoring, characterizing, quantifying, and understanding the dynamics of LCC at multiple resolutions and scales is essential for scientists and decision-makers.

While remote sensing plays a crucial role in monitoring the spatiotemporal dynamics of land cover at a range of scales, employing and understanding methods and changes remain challenging. This Special Issue on "Recent Progress in Remote Sensing of Land Cover Change" is specifically designed to present state-of-the-art methods for: the quantification of LCC, the capability assessment of existing products for LCC studies, multi-scale and multi-sensor data for LCC studies, and understanding LCC in large-scale studies.

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Message from the Editorial Board

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