Special Issue

Remote Sensing Technology Innovation for Sustainable Development Goals

Message from the Guest Editors

Large-scale and long-time-series earth observations from remotely sensed data play an important role in monitoring the planet and evaluating the progress of the SDGs. These observations can provide consistent and continuous monitoring of the global state of the atmosphere, ocean, ecosystems, natural resources, the urban environment, etc., and their changes over time. Therefore, these technologies may applied to advance SDGs, such as the progress of carbon sequestration, estimating forest characteristics, monitoring biodiversity, predicting agricultural yield, assessing the impact of disasters, evaluating the urban environment, managing natural resources, and observing land use changes. The explosive growth of earth observation data with higher diversity and dimensionality presents both a great challenge and opportunity for better monitoring the progress of sustainable development. There is thus an urgent demand for the development of innovative and intelligent remote sensing methodologies to mine and utilize reliable and accurate information, facilitating the implementation of SDGs.

Guest Editors

Prof. Dr. Jie Chen

Dr. Qian Shi

Dr. Xiuyuan Zhang

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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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Editor-in-Chief

Prof. Dr. Marc A. Rosen
Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

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