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The Role of Remote Sensing in Sustainable Renewable Energy Exploitation

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Message from the Guest Editors

To achieve a sustainable exploitation and an estimation of the capital and operative costs of the different technological solutions, before making renewable energy (RE) and energy efficiency (EE) investments, it is important to couple the potential resources data with the spatial assessment of the energy demand and consumption. In particular, while there are plenty of traditional methodological approaches for evaluating RE potentials, it is still necessary:

- To highlight the role of remote sensing (RS) technology, payloads, and methods to provide reliable tools for RE mapping and their sustainable exploitation;
- To translate in practical recommendation the scientific outcome of the abovementioned process.



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