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Renewable Energy Mapping

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Message from the Guest Editors

Dear Colleagues,

The concern about energy use has been increasing in the last decades, covering areas from reducing the energy consumption to the use of energy from renewable resources. For all cases, urban areas are the major zones of interest for the study, due to their nature of big energy consumer, for industrial, working and residential activities.

Given the scale of the areas under study (cities, neighborhoods) and the variety of data required for the evaluation of the energy situation regarding both consumption and generation (temperature values, atmospheric data, geometry), satellite acquired data is essential for the resolution of all the questions of interest. From imagery to punctual sensor and radar data, the space and aerial points of view are the main focus.

This special issue is mainly dedicated to publishing a selection of papers that provides a comprehensive and up-to-date overview of the state of the art of research activities dealing with the use of remote sensing data (space and aerial) for the analysis of the energy problem. Potential topics can be found on the website.

Dr. Susana Lagüela
Dr. Massimo Menenti

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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