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Satellite and Airborne Remote Sensing for Earth Monitoring

Guest Editor:

Prof. Dr. Olaf Niemann
Department of Geography,
University of Victoria, BC V8P 5C2,
Canada

Deadline for manuscript submissions:
closed (20 November 2018)

Message from the Guest Editor

Dear Colleagues,

In the past few years, we have experienced a technological revolution in sensor design that has led to deploying a large array of instruments that sense and record multiple facets of the Earth surface and near-surface processes. This sensor revolution has allowed us to acquire high spatial and spectral resolution data throughout the VIS-NIR-SWIR, Thermal, and Microwave portions of the spectrum from space-borne to smaller airborne platforms culminating in UAV-based sensor payloads. Smaller instrument packages also allow us to introduce multiple sensors to collect contemporaneous, complimentary data.

This Special Issue is aimed exploring some of the experiences that researchers have encountered in acquiring, pre-processing and data preparation, and information/feature extraction. We welcome manuscripts that describe work related to the application of a full range of sensors as applied to Earth observation and monitoring.

Prof. Dr. Olaf Niemann
Guest Editor

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Special Issue

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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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