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Emerging Robots and Sensing Technologies in Geosciences

Guest Editors:

Dr. João Valente

Dr. Duarte José Antunes

Dr. Rolf Hut

Dr. Beril Sirmacek

Message from the Guest Editors

Dear Colleagues,

We are proud to announce this special issue addressing the state-of-the-art of robotic systems and related sensors technologies applied to Geosciences.

Topics **within the domain of this special issue** include, but are not limited to:

Deadline for manuscript submissions:

closed (15 May 2021)

- Air, ground and maritime robotic systems.
- Novel perception system, event-triggered sensing.
- Sensors (of all kinds) and (data-driven) sensors fusion.
- Open-source software/hardware and mechatronics.
- Informative path planning and adaptive sampling.
- Internet of Things.
- Augmented Reality/Virtual Reality applications.
- Big data and Machine learning.
- Open-issues and challenges.
- Precision agriculture, nature conservation, and land degradation assessment, etc.
- Applications and case studies are very welcome!



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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, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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