Special Issue

Sensors in Environmental Engineering

Message from the Guest Editor

Recently, improving the sophistication of environmental engineering research has become an urgent issue, such as through the use of high-resolution and high-speed monitoring, analysis and inference, evaluation and visualization, and collaboration with computer science and information and communication technology, which is indispensable. Therefore, this Special Issue solicits and discusses a wide range of academic research results related to environmental engineering, using each or a combination of several emerging technologies: sensors, deep learning, and virtual and augmented reality. Keywords

- architectural environmental engineering
- urban environmental engineering
- global environmental engineering
- environmental monitoring
- environmental simulation and visualization
- environmental design
- remote sensing
- modeling, simulation, and analysis
- artificial intelligence (AI), machine learning (ML), and deep learning (DL)
- virtual, augmented, mixed, and diminished reality (VR/AR/MR/DR)
- digital twin and metaverse
- smart cities, smart buildings
- Internet of Things (IoT), big data
- drone

Guest Editor

Dr. Tomohiro Fukuda
Graduate School of Engineering, Osaka University, Osaka 565-0871, Japan

Deadline for manuscript submissions

closed (31 March 2024)

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

mdpi.com/journal/sensors

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About the Journal

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.

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

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