

Special Issue

IoT and Wireless Sensor Network in Environmental Monitoring Systems

Message from the Guest Editors

Environmental monitoring has various applications, with the aim to cater to multiple purposes: weather forecasting, air pollution control, water monitoring and fire damage assessment, etc. IoT devices are employed in WSNs to perform effective tasks such as waste management, temperature control, pollution discharges, vehicle marking, etc.

These technologies, have made the monitoring of the environment simple for everyone, and these are now essential components of research and management initiatives. With these technologies as a backbone of environmental monitoring systems, researchers are tackling some of the particularly difficult challenges of EM, and contributing to significant advances in a plurality of areas (data science, networks and sensor hardware/software architecture).

This Special Issue will bring together innovative works related to the SI, addressing several key issues that include, but are not limited to, the following:

- Intelligent environmental monitoring;
- Data reliability and data quality;
- Low-cost and low-maintenance monitoring networks;
- Communication challenges;
- Edge computation.

Guest Editors

Dr. Goncalo Jesus

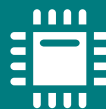
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Message from the Editor-in-Chief

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

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