Application of Wireless Sensor Networks in Environmental Monitoring

Guest Editor:

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Deadline for manuscript submissions:
closed (26 May 2023)

Message from the Guest Editor

Dear Colleagues,

Due to the recent advances in IoT and 5G technologies, the application of wireless sensor networks (WSNs) offers the opportunity to monitor the environment in real-time at an unprecedented temporal and spatial resolution. Environmental monitoring applications can cover a variety of different topics both for indoor and outdoor monitoring.

- Indoor monitoring applications typically involve: Sensing temperature, humidity, light, sound, and air quality in a building's interior.
- Other important indoor applications may include: Fire and contaminant detection.
- Outdoor monitoring applications may include: Weather forecasting; air and water pollution monitoring; detection of earthquakes, volcano eruptions, flooding, or released chemical hazards; habitat monitoring, smart agriculture; and traffic monitoring.

If you require clarifications or wish to discuss your submission in advance, we encourage you to contact us. We look forward to and welcome your participation in this Special Issue.

Special Issue

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Message from the Editor-in-Chief

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