

Special Issue

Environmental and Workplace Monitoring for the Assessment of Occupational Risks and Worker Comfort

Message from the Guest Editors

The aim of this Special Issue is, first, to show the utility and feasibility of using monitoring systems for the assessment of indoor and outdoor environmental conditions, in order to perform an environmental and workplace supervision, and, second, to demonstrate how a practical and current implementation of these technologies can be carried out, in order to study and analyze the exposure of workers to different occupational hazards. Research efforts are requested in, but not limited to the following topics:

- Monitoring of occupational safety and health;
- Sensor technology application for workplace health promotion;
- Measurement and monitoring of occupational risk factors;
- Data processing applied to risk assessments;
- Energy efficiency monitoring and assessment;
- Physical risks factor identification and measurement in workers;
- Subjective and objective evaluation of comfort in indoor spaces;
- Indoor air quality monitoring and testing in working (industrial and non-industrial) environments);
- Use of sensors for assessment occupant comfort and health in indoor environments;
- Safe work procedures.

Guest Editors

Prof. Dr. María Dolores Martínez Aires

Prof. Dr. Diego Pablo Ruiz Padillo

Prof. Dr. Juan Antonio Holgado-Terriza

Deadline for manuscript submissions

closed (30 September 2022)



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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

Prof. Dr. Vittorio M. N. Passaro

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