

## Special Issue

# Ubiquitous Sensing and Intelligent Systems

### Message from the Guest Editor

Nowadays, there are two trends that are becoming pervasive: sensing and intelligence. The undertakings that are being pursued that involve both a ubiquitous source of data and an intelligent system constitute an immense source of advancement and achievements. Researchers can find in this Special Issue a venue for presenting both theoretical and practical approaches allowing the presentation and discussion of innovative solutions by addressing a number of open challenges. Topics of interest include, but are not limited to:

- Intelligent systems based on ubiquitous sensors
- Privacy issues in sensor-based systems
- Sensor fusion for decision support, prognostics, and diagnostics
- Fairness, accountability, and transparency in sensor-based intelligent systems
- Visualization approaches
- Preprocessing, feature engineering, and data reduction
- Data-driven approaches
- Remote sensing; Biosensing
- Pattern recognition
- Big data; IoT
- High-tech agriculture
- Industrial applications; Health applications
- Transformative research

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### Guest Editor

Dr. Catarina Silva

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### Deadline for manuscript submissions

closed (31 July 2022)



## 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.

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### Editor-in-Chief

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