

## Special Issue

# Sensor Based Computer Vision for Safety and Health Monitoring in Disaster Risk Management

### Message from the Guest Editor

We are pleased to announce a Special Issue of *Sensors* on “Sensor Based Computer Vision for Safety and Health Monitoring in Disaster Risk Management”.

The increasing frequency and intensity of natural and human-made disasters underline the urgent need for advanced monitoring and response systems. Sensors and computer vision technologies are playing a vital role in enhancing situational awareness, supporting decision making, and safeguarding both human lives and critical infrastructure. From UAVs and satellite-based imaging to wearable sensors and IoT-enabled networks, the integration of sensor data with computer vision methods opens new possibilities for real-time risk detection, early warning, and adaptive disaster response.

This Special Issue aims to bring together contributions that highlight recent advances in sensor-based computer vision applications for disaster risk management, with particular emphasis on safety and health monitoring.

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### Guest Editor

Dr. Nicholas Vretos

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### Deadline for manuscript submissions

20 May 2026



## Sensors

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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.

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