

Special Issue

Recent Development and Applications of Sensing Technology in Resilient and Sustainable Infrastructure

Message from the Guest Editors

Infrastructure serves as the most essential component to enable, sustain, and enhance modern societal living conditions and economic development. The use of advanced sensing technologies to contribute to improving infrastructure resilience and sustainability capacities has become a recurring hot theme in government, industrial, and academic discussions. Recently, accidents due to, for example, natural hazards and/or human errors have occurred worldwide from time to time. To improve the resilience and sustainability of various kinds of infrastructures, the demand of using innovative sensing technologies to inspect and monitor infrastructural physical conditions to warrant infrastructure to withstand or efficiently recover from multihazard disruptive events keeps growing. To foster knowledge conversation and explore the recent development and applications of sensing technology in resilient and sustainable infrastructure, we initiate this Special Issue to invite researchers and experts in related fields to contribute their insights, ideas, and experimental, theoretical, and computational findings.

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Deadline for manuscript submissions

30 November 2025



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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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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