

Special Issue

Sensors in Structural Health Monitoring and Seismic Protection

Message from the Guest Editor

The use of sensors in civil infrastructure is becoming increasingly important and is growing at a fast pace. Being able to monitor the built environment on a continuous basis and in a reliable manner has allowed designers and engineers to conceive and construct safer as well as more robust and resilient structures. Structural health monitoring and seismic protection are multidisciplinary fields where experts from different disciplines, such as electrical and electronic engineering, civil and structural engineering, mechanical engineering, materials engineering, computer engineering, and computer and information science, can collaborate and work toward advancing the state-of-the-art. Potential topics for this Special Issue of *Sensors* include but are not limited to:

- Structural sensing and monitoring
- Smart sensing technology
- Wireless sensor networks
- Machine and deep learning
- Seismic monitoring systems
- Seismic protection
- Active and passive structural control
- Earthquake hazard mitigation
- Remote sensing for earthquake engineering
- Failure detection, diagnostics and prognostics

Guest Editor

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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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