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Sensors for Structural Health Monitoring, New Trends and Technologies

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Message from the Guest Editors

Dear Colleagues,

Structural health monitoring (SHM) protocols play a crucial role in the management of buildings and infrastructures. The increasing aging of civil and industrial facilities demands effective and reliable monitoring procedures for the prompt detection of structural damage and to increase the knowledge of these structures' mechanical behavior over time.

SHM procedures have greatly benefited from recent advances in sensor technology. This Special Issue will highlight the contribution of innovative sensor technologies in the field, with particular regard to smart sensors (MEMS transducers, mobile devices, etc.), rotational sensors, fiber optic sensors, and high sensitivity seismometric instruments. The main topics are summarized in the keywords below, but papers on different related subjects are also welcome.

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Guest Editors



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Special Issue



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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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