

Special Issue

Emerging Trends in Structural Health Monitoring

Message from the Guest Editors

It is our pleasure to announce the publication of a Special issue of the Journal of *Materials* with the theme of “Emerging Trends in Structural Health Monitoring”, which is rapidly evolving and is embracing many new technologies in meeting the critical needs of our global ageing infrastructure. This is now a multidisciplinary area of research and development, and you are warmly invited to consider submitting your cutting-edge research for consideration. Some, but not all areas of focus include:

- Condition assessment of civil, mechanical, aerospace, and offshore structures, as well as connections of structural elements;
- Diagnostics of cultural heritage monuments;
- Testing of structures made of novel materials;
- Structural health monitoring (SHM) systems;
- Integration of non-destructive testing methods (e.g., guided waves, ground penetrating radar, acoustic emission, thermography);
- Advanced signal processing for NDT;
- Damage detection and damage imaging.

For more information, please click the following link:

https://www.mdpi.com/journal/materials/special_issues/emerging_trends_SHM

Guest Editors

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Deadline for manuscript submissions

closed (20 December 2022)



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About the Journal

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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