

Special Issue

Structural Health Monitoring for Civil Engineering Materials

Message from the Guest Editors

This Special Issue aims to publish peer-reviewed and open access papers that focus on analytical, experimental, and/or numerical investigations advancing the body of knowledge and its application in this important area of materials. The topics sought include, but are not limited to:

- Dynamics-based methods for material damage detection and degradation assessment;
- Diagnosis and prognosis techniques;
- Mechanics for structural health monitoring;
- Signal processing techniques;
- Application of sensors, smart materials and wireless communication;
- Monitoring of aging and durability as well as structural renewal;
- Development of bio-inspired sensing or multifunctional materials;
- Integrated smart material systems and structures;
- Application of material monitoring techniques for civil infrastructure.

Guest Editors

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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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