Special Issue

Smart Composite Materials for Self-Sensing and Self-Healing in Civil and Environmental Engineering

Message from the Guest Editors

Smart composite materials for self-sensing and self-healing are highly attractive for civil and environmental engineering applications to improve safety and performance. Given the latest advances in the field, we invite you to submit your work to this Special Issue. Full research papers, comprehensive reviews and communications are welcomed on topics including, but not limited to, the following:

- Fibres, particles, encapsulants and nanomaterials for self-sensing and self-healing composites in civil and environmental engineering, from the laboratory to the field;
- Smart polymeric and cementitious composites;
- Self-sensing and self-healing composite materials for rehabilitation;
- Data transmission under operational loads and environmental conditions.

Manuscripts on smart composite materials developed for the aerospace, automotive or other industries, but with potential to be used in civil and environmental engineering applications, are also encouraged to be submitted. We look forward to your contributions.

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Deadline for manuscript submissions

closed (31 August 2021)

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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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