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Smart Composites for Structural Health Monitoring

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Deadline for manuscript
submissions:

closed (31 October 2023)

Message from the Guest Editor

Dear Colleagues,

Despite progress in developing composites with sensing, actuating, and energy-harvesting capabilities, there is a gap in the practical implementation of laboratory prototypes in real-life structures. The potential benefits of these emerging materials, including spatially distributed sensing, are substantial for improved safety, reduced maintenance costs, and an extended asset life. To bridge the gap between the research and practical applications, this Special Issue seeks to publish theoretical and experimental studies on the implementation of smart composite materials for SHM. We welcome submissions on field investigations and case studies that involve the use of smart composites for engineering structures, as well as studies on characterizing and packaging smart composites for field implementation. The aim of this Special Issue is to provide a platform for researchers and professionals to share their insights, challenges, and solutions on the practical use of smart composites for SHM.

For detailed information, please visit [here](#).

Dr. Fae Azhari

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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