

# Special Issue

## Smart Materials for Sustainable Infrastructures

### Message from the Guest Editors

*Smart materials* are materials that exhibit a stable and reproducible response, by means of significantly changing one or more of their properties in response to externally applied stimuli. The goal of this Special Issue is to publish original research papers or review articles focused on the use of smart materials for sustainable infrastructures. The characterization of smart materials, together with the assessment and monitoring of short- and long-term performance and other state-of-art papers related to smart materials, is also encouraged. Topics of interest include but are not limited to:

- Advances in sustainable and resilient structures;
- Monitoring, surveillance, and field measurement methods;
- Intelligent structures;
- Smart construction materials (smart concretes, smart bricks, smart wraps, etc.);
- Smart non-construction materials (smart composites, smart glasses, smart green roofs, smart paints, etc.);
- Self-healing materials;
- Shape memory alloys;
- Piezoelectric materials.

### Guest Editors

Dr. Carmen Perez

Prof. Dr. Shahria Alam

Prof. Dr. Mahmoud Reda Taha

### Deadline for manuscript submissions

closed (28 February 2023)



## Infrastructures

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### Message from the Editor-in-Chief

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