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Innovative Material Design and Nondestructive Testing Applications for Infrastructure Materials

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Message from the Guest Editors

Dear Colleagues,

We focus on topics such as advanced materials for sustainable infrastructure, nondestructive evaluation techniques, structural health monitoring and intelligent systems, nanotechnology applications, 3D printing and additive manufacturing, and renewable energy integration in transportation infrastructure. The scope of this Special Issue includes but is not restricted to:

- Novel and sustainable materials for transportation infrastructure;
- Development and characterization of nanocomposites and their applications in infrastructure materials;
- Advancements in 3D printing and additive manufacturing for material design and fabrication in infrastructure;
- Innovations in nondestructive evaluation techniques for assessing and monitoring infrastructure materials;
- Structural health monitoring and damage diagnosis with a focus on material properties and performance;
- Innovative material-based maintenance and rehabilitation methods for transportation infrastructure;
- Material-centric resilience and life-cycle assessment of transportation infrastructure components



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Special Issue



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Message from the Editor-in-Chief

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