Topical Collection

Structural Sensing and Sustainable Infrastructure Maintenance

Message from the Collection Editor

Structural health monitoring (SHM) has been receiving significant attention in the community as a means to quantify the different levels of performance and safety of structural systems. One popular application of SHM systems is to enable collecting data of interest for designers, managers, and decision makers. If structural sensing were connected to sustainability of infrastructure and maintenance operations, owners would save costs, prioritize location of investments for maintenance, and make better-informed decisions on how to manage their infrastructure from a data-informed perspective using structural sensing. The top priority of this Special Issue is to provide the community with information on past success in structural sensing and infrastructure maintenance with new laboratory and experiment evidence that can contribute to the community of SHM, structural sensors, and structural management.

Collection Editor

Dr. Fernando Moreu

Department Civil, Construction, and Environmental Engineering, University of New Mexico, Albuquerque, NM 87131, USA

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MDPI, Grosspeteranlage 5
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Editor-in-Chief

Prof. Dr. Marc A. Rosen
Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

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