

Special Issue

Structural Health Monitoring and Their Applications Across Industry

Message from the Guest Editor

Structural health monitoring is used to evaluate the “state” of a structure at every moment during its life. It involves the integration of structure design, sensors, smart materials, data transmission and analysis.

Structural health monitoring is the new way of non-destructive evaluation, however these techniques have not been widely used in practical engineering due to wiring problems associated with large-scale structural health monitoring. The aim of this Special Issue is for researchers to gain an in-depth understanding of structural health monitoring techniques and analyze the different applications through various cross-industry case studies, including oil and gas, rail, nuclear, aerospace, thermal and renewable energy, highlighting the latest developments on testing methods and sensor development and promoting more accurate results for defect identification

Guest Editor

Dr. Qing Wang

Department of Engineering, Durham Energy Institute, Durham University, Durham DH1 3LE, UK

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
inventions@mdpi.com

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Prof. Dr. Chien-Hung Liu

Department of Mechanical Engineering, National Chung Hsing University, 250 Kuo Kuang Rd., Taichung 402, Taiwan

Prof. Dr. Shoou-Jinn Chang

Department of Electrical Engineering, National Cheng Kung University, Tainan 701, Taiwan

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