



an Open Access Journal by MDPI

Structural Health Monitoring (SHM) of Civil Structures

Guest Editors:

Prof. Dr. Chuji Wang

Department of Physics and
Astronomy, Mississippi State
University, Starkville, MS 39759,
USA

Dr. Bo Wang

School of Civil Engineering,
Southwest Jiaotong University,
Chengdu, Sichuan, China

Deadline for manuscript
submissions:

closed (31 March 2017)

Message from the Guest Editors

Dear Colleagues,

Recent progress in sensing technology and techniques have allowed us to gain insight into the diagnosis of diseases as well as determine the remaining service life of a device. The influence of such progress has also found its place in the diagnosis of structural conditions. This Special Issue will showcase some of the latest efforts advancing the frontiers of structural health monitoring. Topics include, but are not limited to: sensors for structural health monitoring; damage detection and characterization/feature extraction algorithms; data transmission for embedded systems; structural warning systems; validation of structural health monitoring techniques; case studies of health monitoring of infrastructures (bridges, tunnels, pipelines, ...); model-based structural service life prediction methods; etc.

Prof. Dr. Gangbing Song

Guest Editor



mdpi.com/si/7557



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
appls@mdpi.com
[X@Appls](https://twitter.com/appls)