



## Advance of Structural Health Monitoring in Civil Engineering

Guest Editors:

**Dr. Chung Song**

Geotechnical Engineering,  
University of Nebraska–Lincoln,  
Lincoln, NE, USA

**Prof. Dr. S. Sonny Kim**

School of Environmental, Civil,  
Agricultural, and Mechanical  
Engineering, University of  
Georgia, Athens, GA 30602, USA

Deadline for manuscript  
submissions:

**closed (31 July 2023)**

### Message from the Guest Editors

The aim of "Advances in Structural Health Monitoring in Civil Engineering" is to provide up-to-date knowledge of structural health monitoring sensors and the usage of sensors. Articles that provide information such as case studies of structural health monitoring, innovative and fast data analysis methods, the pros and cons of different sensors, the evaluation of current practice, the assessment and usage of indirect (soft, non-contact) sensors such as cell phone signals and aerial photos, overarching sensing methods such as ubiquitous systems by merging conventional direct sensors and indirect sensors, and other relevant issues in the broad discipline of Civil Engineering are welcome.

- sensor
- strain gauge
- structural health monitoring
- instrumentation in civil engineering
- ubiquitous system





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, 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](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](https://twitter.com/Applsci)