

## Special Issue

# Innovative Methods and Materials in Structural Health Monitoring of Civil Infrastructures

### Message from the Guest Editors

An important role is played by the computational mechanics for the analysis of the behavior of the structure and the correct interpretation of the signals coming from the sensors, the geomatic methods for the definition of the geometry, and of its variation (both static and dynamic) as well as during the phases of use of the infrastructure, the Internet of things (i.o.t.) for the management of data storage and transmission (especially in areas where there is no electricity), and, finally, the new materials (in particular self-monitoring materials). Therefore, in this Special Issue, in order to establish the state-of-the-art on the subject and to identify new challenges for the near future, we invite the publication of research results in each of these fields, namely: computational mechanics; geomatics; new materials, with particular regard to self-monitoring ones; and the use of I.o.T technologies, for the common purpose of constantly evaluating the structural health of civil infrastructures.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 November 2020)



## Applied Sciences

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[mdpi.com/journal/](https://mdpi.com/journal/)

[applsci](https://doi.org/10.3390/applsci)





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### 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.

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### Editor-in-Chief

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