



## Artificial Neural Networks Applied in Civil Engineering

Guest Editor:

**Prof. Dr. Nikos D. Lagaros**

Institute of Structural Analysis & Antiseismic Research,  
Department of Structural Engineering, School of Civil Engineering, National Technical University Athens (NTUA), 9, Heron Polytechniou Str., Zografou Campus, 15780 Athens, Greece

Deadline for manuscript submissions:

**closed (30 January 2022)**

### Message from the Guest Editor

It is our great pleasure to invite you to contribute to this Special Issue by presenting your results on applications and advances of ANN to civil engineering problems. Papers can focus on applications related to structural engineering, transportation engineering, geotechnical engineering, hydraulic engineering, environmental engineering, coastal and ocean engineering, structural health monitoring, as well as construction management. Articles submitted to this Special Issue could also deal with the most significant recent developments on the topics of ANN and its application in civil engineering. The papers can present modeling, optimization, control, measurements, analysis, and applications.

Keywords :

- Deep learning
- IoT and real-time monitoring
- Optimization
- Learning systems
- Mathematical and computational analysis





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## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**  
Dipartimento di Fisica,  
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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.

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*Applied Sciences* Editorial Office  
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