

## Special Issue

# Advanced Services for the Architecture, Engineering, and Construction Industry

### Message from the Guest Editors

The AECO industry (architecture, engineering, construction, and operations) is currently undergoing a fundamental transformation driven by digitalization. The adoption of advanced information and communication technologies is enhancing efficiency, sustainability, and overall project quality.

This Special Issue of Applied Sciences, titled "Advanced Services for the Architecture, Engineering, and Construction Industry", focuses on the integration of cutting-edge tools and methodologies into construction engineering, with a particular emphasis on building information modelling (BIM), digital twins, 3D scanning and modelling, advanced numerical simulations, and structural monitoring.

This Special Issue aims to provide a comprehensive overview of the state of the art in construction services and to offer valuable insights into emerging trends, technological innovations, lessons learned, and best practices. By bringing together researchers, practitioners, and industry experts, this Special Issue aims to foster interdisciplinary collaboration and drive the advancement of construction engineering practices.

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### Guest Editors

Dr. Andrei Crisan

Prof. Dr. Sorin Herban

Prof. Dr. Lars Abrahamczyk

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### Deadline for manuscript submissions

20 January 2026



## Applied Sciences

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*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[applsci@mdpi.com](mailto:applsci@mdpi.com)

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## About the Journal

### 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

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

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