

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.

Guest Editors

Dr. Andrei Crisan
Prof. Dr. Sorin Herban
Prof. Dr. Lars Abrahamczyk

Deadline for manuscript submissions

closed (20 January 2026)



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

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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.

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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