

## Special Issue

# New Technologies Applied on Built Environment to Enhance Well-Being and Safety

### Message from the Guest Editors

New technologies (e.g., virtual and augmented reality, artificial intelligence, generative and additive design, biometric senses, new building processes and materials, and ubiquitous technology) have been applied in the context of the built environment to promote and enhance people's quality of life. From smart systems that allow buildings to adapt themselves to their users to the interaction with a whole new virtual world that needs to be built according to users' needs, the new technologies are even more embedded in the environment people interact impacting their well-being and safety. In this context, this special number intends to present applied research focusing on the use of new technologies to enhance human well-being and safety in the built environment. It is directed to professionals, researchers and students from architectural design and engineering, urban planning, human factors and ergonomics, and design that are interested in high-quality research using new technological solutions to improve the quality of the built environment and the positive impact of new solutions on well-being and safety.

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### Guest Editors

Dr. Francisco Rebelo

Dr. Elisângela Vilar

Dr. Hugo Farias

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### Deadline for manuscript submissions

closed (20 June 2023)



## Applied Sciences

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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  
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