

## Special Issue

# Selected Papers from the “24th International Conference on Construction Applications of Virtual Reality—CONVR2024”

### Message from the Guest Editors

The 24th International Conference on Construction Applications of Virtual Reality—CONVR2024 will be hosted by Western Sydney University and take place in Sydney (Australia) from 4 to 6 November 2024. CONVR2024 will bring together AEC researchers and practitioners from around the globe to report on and exchange the latest developments, ideas and applications stemming from innovative and cutting-edge research activities in the area of immersive realities and digital transformations, and their impact on sustainable development and net-zero environments. The conference focuses on the fields of virtual reality (VR) and augmented reality (AR), which are forward-looking technologies that enable considerable benefits in all stages of the architecture, engineering and construction (AEC) process, from initial planning and conceptual design to facility management and operations. Over the last 23 years, CONVR has been held all around the globe and sponsored by major construction and engineering companies. Conference Website: <https://convr2024.com/> More details about the special issue: <https://www.mdpi.com/si/213694>

### Guest Editors

Dr. Aso Hajirasouli

Dr. Ehsan Noroozinejad

Prof. Dr. Gregory M. Morrison

Prof. Dr. Mike Kagioglou

Prof. Dr. Nashwan Dawood

### Deadline for manuscript submissions

closed (31 March 2025)



## Buildings

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## About the Journal

### Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

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### Editor-in-Chief

Prof. Dr. David Arditi

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### Author Benefits

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JCR - Q2 (Construction and Building Technology) /  
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#### Rapid Publication:

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