

Special Issue

Advances in the Indoor Environments and Respiratory Health

Message from the Guest Editor

The MDPI open access Journal, 'Buildings', is planning a special issue on 'Advances in the Indoor Environments and Respiratory Health' to publish high-quality articles. The special issue welcomes any original research or review articles related to respiratory health effects (such as asthma, hypersensitivity pneumonitis, pulmonary sarcoidosis, and other respiratory illnesses) of exposures to particulate matters, chemicals, biological agents, physical parameters (noise, temperature, humidity); exposure assessment of those indoor stressors; effective management and engineering controls of the pollutants; and effects of exposure intervention in the indoor environments including homes, schools, vehicles, public buildings, and commercial buildings such as offices, hospitals, nursing homes, and shopping malls. Research articles on the effects of climate change on the indoor environments and respiratory health are also welcomed.

Guest Editor

Dr. Ju-Hyeong Park

National Institute for Occupational Safety and Health, U.S. Centers for Disease Control and Prevention, Morgantown, WV, USA

Deadline for manuscript submissions

closed (1 September 2023)



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

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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.

Editor-in-Chief

Prof. Dr. David Arditi

Construction Engineering and Management Program, Department of Civil, Architectural, and Environmental Engineering, Illinois Institute of Technology, 3201 South Dearborn Street, Chicago, IL 60616, USA

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indexed within SCIE (Web of Science), Scopus, Ei Compendex, Inspec, and other databases.

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JCR - Q2 (Construction and Building Technology) /
CiteScore - Q1 (Architecture)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.1 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).