

Special Issue

Integrated Sustainable Building Design, Construction and Operation

Message from the Guest Editors

An integrated sustainable building design approach helps in creating efficient ways of using resources such as energy, raw materials and water. Sustainable buildings also create an improved indoor environmental quality and sustainable environment. This Special issue on sustainable building design focuses on bringing original research and literature reviews from different areas related to building design, construction, operation, retrofitting and practices of sustainability. Manuscript submissions in the areas are highly encouraged.

- advanced and sustainable building materials
- high-performance building envelope
- whole building performance
- moisture management
- indoor environmental quality
- building operations and control systems
- intelligent building systems
- net zero buildings
- carbon neutral buildings
- life cycle assessment
- climate-responsive design optimization and integration
- advanced and sustainable design methods and building processes

Dr. Thomas Schroepfer

Guest Editors

Dr. Fitsum Tariku

Building Science Centre of Excellence, British Columbia Institute of Technology, 3700 Willingdon Ave., Burnaby, BC, Canada

Dr. Emishaw Iffa

Building Science Centre of Excellence, British Columbia Institute of Technology, 3700 Willingdon Ave, Burnaby, BC V5G 3H2, Canada

Deadline for manuscript submissions

closed (31 January 2019)



Designs

an Open Access Journal
by MDPI

CiteScore 4.8



mdpi.com/si/13015

Designs

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

designs@mdpi.com

mdpi.com/journal/

[designs](https://mdpi.com/journal/designs)





Designs

an Open Access Journal
by MDPI

CiteScore 4.8



[mdpi.com/journal/
designs](https://mdpi.com/journal/designs)



About the Journal

Message from the Editor-in-Chief

Designs (ISSN 2411-9660) is a peer-reviewed and open access journal which provides a unifying research framework for a wide range of engineering designs of disciplines and industrial applications, including mechanical engineering, electrical engineering, civil engineering, mechatronics, aerospace engineering, bioengineering, energy engineering, industrial engineering and manufacturing systems are of interest. We would like to invite you to contribute to the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Joshua M. Pearce

Department of Electrical & Computer Engineering, Western University,
London, ON N6A 3K7, Canada

Author Benefits

High visibility

: indexed within Scopus, Inspec, Ei Compendex and other databases.

Journal Rank:

CiteScore - Q2 (Engineering (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.3 days after submission; acceptance to publication is undertaken in 4.6 days (median values for papers published in this journal in the first half of 2025).