

Special Issue

Sustainable Construction Management through Systems Thinking

Message from the Guest Editors

Sustainable construction management using systems thinking is an up-and-coming field of research that can address the complexities and interdependencies within construction management to ensure waste minimization, environmental protection, social responsibility, and resource efficiency throughout the lifecycle of construction projects. Despite advancements in green building standards and innovative technology, many construction projects fail to achieve holistic sustainability goals due to the fragmented nature of project management. A systems thinking approach helps stakeholders to recognize that decisions in one area, such as material selection, can have a critical impact on other areas of construction, such as energy consumption and waste generation. This emerging solution can have a profound impact on improving traditional construction management practices and effective decision making. The Special Issue aims to enhance sustainability in every phase of construction projects, ensuring that all stakeholders work synergistically to achieve optimal sustainable outcomes.

Guest Editors

Dr. Piyush Pradhananga
Blue Nest Structural, Richmond, VA 23219, USA

Dr. S M Jamil Uddin
Department of Construction Management, Colorado State University,
Fort Collins, CO 80521, USA

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

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Message from the Editor-in-Chief

Systems is a leading venue for the quick and global dissemination of results of cutting-edge research in various areas of systems science and systems-related fields. An increasing number of researchers are realizing the enormous potential of systems thinking in managing the many unprecedented and complex issues in all areas of need. The *Systems* journal provides a home of exceptional quality for the manuscripts of these researchers who often find it difficult to publish their work in conventional discipline focused journals.

Editor-in-Chief

Prof. Dr. Ben Clegg
Operations & Service Management Department, Aston Business
School, Aston University, Birmingham B4 7ET, UK

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