

Special Issue

Machine and Deep Learning for the Smart and Sustainable Built Environment

Message from the Guest Editor

The focus of this Special Issue covers the use and implementation of new machine and deep learning techniques and technologies to assist decision making for achieving and managing the smart and sustainable built environment. The scope covers a wide range of areas, CIM, BIM, and digital twins as the building blocks of the data infrastructure, and machine and deep learning techniques and technologies to support the decision-making processes. The purpose of this Special Issue is to provide a collection of recent research on new AI technologies which would support the development and management of the smart and sustainable built environment. This Special Issue will contribute to the existing literature by providing new research outputs, implementation examples, and case studies on implementing AI technologies for the sustainable built environment. This Special Issue will report high-quality research on machine and deep learning to help in achieving smart and sustainable built environments.

Guest Editor

Prof. Dr. Ümit Işıkdağ

Department of Informatics, Mimar Sinan Fine Arts University, Istanbul 34427, Turkey

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

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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