Special Issue

Emerging Applications of AI and Machine Learning in Industry

Message from the Guest Editor

The integration of artificial intelligence (AI) and machine learning (ML) into sustainable practices offers transformative potential across diverse industries. Industries can optimize resource utilization, enhance operational efficiency, and achieve sustainability goals using advanced algorithms, predictive analytics, and intelligent systems. The intersection of AI, ML, and sustainable practices can address global challenges, such as climate change and resource depletion, and also enables innovation in the development of green technologies, circular economy strategies, and energy-efficient systems. The goal of this Special Issue is to explore the latest advancements, methodologies, and applications of AI and ML in driving sustainable practices across various sectors. We welcome contributions that provide theoretical insights, computational approaches, experimental results, or reviews/surveys that explore the transformative impact of AI and ML on sustainability. We aim to gather interdisciplinary perspectives that highlight scientific, technological, and practical solutions to promote a sustainable future.

Guest Editor

Dr. Ibomoiye Domor Mienye
Institute for Intelligent Systems, University of Johannesburg, Johannesburg, South Africa

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

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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