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Industry Development Based on Deep Learning Models and AI 2.0

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Deadline for manuscript submissions:
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Message from the Guest Editors

Recently, sustainable development has grown significantly in importance for industries and businesses. Because of this, it has become one of the most interesting areas for many researchers in academia and industry. Deep learning is a subfield of machine learning (ML) concerned with algorithms inspired by the structure and function of the brain called artificial neural networks. Deep learning algorithms demonstrate their ability to train models from big datasets, and those algorithms have significantly surpassed the performance of traditional methodologies for environmental, economic, social, and other fields. For that, developing and implementing deep learning technologies will have an impact on practically every element of daily life for humans in the near future. Therefore, deep learning is a driving force to achieve sustainability goals.

The main purpose of our Special Issue focuses on recent research work on deep learning techniques for sustainability in different life domains. These techniques can be used to contribute to the demonstration of innovative methods and application areas of deep learning to solve real-world problems to achieve sustainability goals.

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Message from the Editor-in-Chief

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.

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