

Special Issue

Innovative Artificial Intelligent Solutions for a Sustainable Future

Message from the Guest Editor

As the world advances toward sustainable development, artificial intelligence (AI) has rapidly emerged as a critical driving force for innovation and collaboration in both natural and social sciences. This Special Issue aims to explore the profound impact of AI at the intersection of these disciplines, with a particular focus on how interdisciplinary cooperation can foster the synergy of technology, culture, and society to achieve sustainable development goals. In the realm of natural sciences, AI has been extensively applied to advance climate change modeling and prediction, biodiversity conservation, precision medicine development, and clean energy optimization. By accelerating data analysis and model construction, AI provides scientific support for environmental protection and ecosystem restoration, delivers transformative progress in health and disease management, and addresses critical global challenges central to sustainable development. Concurrently, the innovative applications of AI in social sciences are reshaping cultural education paradigms, artistic creation methodologies, and strategies for social governance.

Guest Editor

Prof. Dr. Hongjun Wang

School of Computing and Artificial Intelligence, Southwest Jiaotong University, Chengdu 611715, China

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

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Editor-in-Chief

Prof. Dr. Kenji Suzuki

Biomedical Artificial Intelligence Research Unit (BMAI), Institute of Integrated Research, Institute of Science Tokyo, Yokohama 226-8501, Japan

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