



Future Directions in Energy Transition and Sustainable Management

Guest Editor:

Dr. Danish Mir Sayed Shah

Department of Research and
Innovation, Research and
Education Promotion
Association (REPA), 1401 21st St.
#6172, Sacramento, CA 95811,
USA

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Message from the Guest Editor

The rapid evolution of energy systems, driven by technological advancements and increasing environmental concerns, demands innovative approaches to manage and optimize these systems sustainably. Artificial intelligence (AI) and machine learning (ML) have emerged as powerful tools, revolutionizing how energy systems are analyzed, optimized, and managed. This Special Issue, titled "Future Directions in Energy Transition and Sustainable Management", aims to explore the intersection of AI/ML applications, optimization strategies, and environmental mitigation methods within interconnected grid frameworks.

The primary aim of this Special Issue is to gather cutting-edge research and comprehensive reviews that address the challenges and opportunities in energy transition and sustainable management. Its scope aligns with the journal's mission to advance scientific understanding and practical solutions in the field of energy systems and sustainability.





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Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

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Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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