

## Special Issue

# Artificial Intelligence for Climate Change Mitigation, Adaptation and Sustainability: Innovative Approaches for a Greener Future

### Message from the Guest Editors

We are pleased to announce a new Special Issue focusing on the integration of artificial intelligence (AI) into strategies for climate change mitigation and sustainability. As the world faces unprecedented environmental challenges, the adoption of innovative technologies has become crucial in developing solutions that can significantly reduce carbon emissions, optimize the use of natural resources, and foster sustainable development. This Special Issue aims to gather high-quality research that explores the application of AI in climate change mitigation and sustainability and we encourage contributions that present innovative approaches, empirical studies, case studies, and theoretical advancements that can help harness the potential of intelligent systems to address climate challenges. Moreover, this Special Issue will also consider the ethical and environmental implications of AI, with a focus on developing sustainable and energy-efficient AI technologies.

### Guest Editors

Dr. Ana Paula Oliveira

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### Deadline for manuscript submissions

31 December 2025



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## About the Journal

### Message from the Editor-in-Chief

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### Editor-in-Chief

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