Special Issue

Generative Artificial Intelligence (GAI) and AI-Generated Content (AIGC) for Sustainable Futures: Innovations in Education, Culture, and Society

Message from the Guest Editor

This Special Issue aims to explore the transformative potential of Generative Artificial Intelligence (GAI) and AI-Generated Content (AIGC) in driving sustainability across education, culture, and social innovation. As GAI and AIGC technologies rapidly evolve, they offer new pathways for promoting Sustainable Development Goals (SDGs), enabling personalized learning, fostering creative industries, and enhancing public awareness of environmental and social challenges. With this, we invite interdisciplinary contributions that address theoretical frameworks, empirical studies, case applications, ethical implications, and future trends at the intersection of generative technologies and sustainability. Topics of interest include, but are not limited to the following: AI-assisted environmental storytelling, digital cultural heritage preservation, personalized sustainability education, creative content for climate action, and AI-driven social impact initiatives. This Special Issue will provide a timely and essential collection of research that moves beyond the technical aspects of explore their profound societal impact and their capacity to progress towards a sustainable future.

Guest Editor

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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. *Sustainability* publishes original research articles, review 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.

Editor-in-Chief

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