

Special Issue

AI for Social Good- Explainability and Sustainability of Decision- Making Practices

Message from the Guest Editors

This Special Issue focuses on providing solutions and algorithms to increase the explainability and transparency of the AI systems to ensure sustainability. Both theoretical and actual applications of AI algorithms and XAI that highlight the alignment with sustainability and applicability for social good are welcome. This includes local and global XAI methods, their application for problem solving, and solutions to enhance the performance of the decision-making algorithms. The solutions addressing problems utilizing different forms of data (images, numerical, etc.) that incorporate XAI algorithms and demonstrate the contribution to sustainability and social good, are welcome. We are mainly interested in manuscripts that apply AI algorithms and decision-making processes to address challenges related to sustainable, socio-economic, scientific, and integrated approaches for sustainable development, including applying AI to SDG challenges and sustainability issues.

Guest Editors

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Dr. Jianlong Zhou

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Deadline for manuscript submissions

closed (31 May 2025)



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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

Prof. Dr. Marc A. Rosen

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