SASIGD 2026

2026 International Conference on Sustainable AI for Social Impact and Global Development

August 13–14, 2026

Technically Co-Sponsored by IEEE SSIT, #68127

CALL FOR PAPERS – SPECIAL SESSION
Green AI and Energy Efficiency

Session Code: **SS918**

Session Co-Chairs

Dr. D. Krishna, Associate Professor, EEE dept., Anurag University, Hyderabad(krishnaeee@anurag.edu.in)
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Session Description

This special session deals with the problem of to minimize the environmental impact of digital infrastructure— reducing carbon emissions, energy consumption, and waste—while optimizing resource utilization through AI-driven renewable energy forecasting and intelligent workload management to achieve a sustainable digital ecosystem. This special session aims to explore innovative, sustainable, and socially responsible Artificial Intelligence solutions addressing pressing global and regional challenges. The session will focus on AI-driven technologies that promote inclusive development, environmental sustainability, healthcare accessibility, smart agriculture, digital governance, and equitable economic growth. The session will encourage interdisciplinary research contributions integrating AI with sustainability principles, ethical governance, and social impact assessment. Emphasis will be placed on scalable AI models, energy-efficient computing, responsible data practices, and AI applications tailored for emerging economies. This session aligns strongly with the conference theme of leveraging AI for social impact and global development by fostering collaboration between academia, industry, policymakers, and development practitioners.

The topics of interest include, but are not limited to:

- Sustainable data centres and green cloud computing
- AI based Renewable energy forecasting and optimization
- AI for sustainable housing and infrastructure resilience

IMPORTANT SUBMISSION DEADLINES

Call for Papers: **April 1, 2026**

Call for Student Posters: **May 8, 2026**

PAPER SUBMISSION
Scan the QR Code or Visit
https://sasigd.org/special-sessions.php

REVIEWERS REGISTRATION
Scan the QR Code or Visit
https://forms.gle/oBdwKjcHC8gs6PyaA
Experts are invited to join as reviewers for SASIGD 2026.

All the accepted & presented papers will be submitted for possible inclusion in IEEE Xplore.

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📅 *August 13–14, 2026*

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Join us in shaping Responsible and Sustainable AI for Global Development!

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