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

AI for People, Planet, and Progress: Technical Innovations for Sustainable, Equitable, and Resilient Societies

Session Code: **SS85**

Session Co-Chairs
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Session Description

This special session explores how Sustainable Artificial Intelligence (AI) can be leveraged to advance global development while ensuring technological benefits are sustainable, equitable and accessible to all. Framed within the broader theme of AI and Inclusive Development, the session aims is to catalyze interdisciplinary dialogue across technology, policy, and social sectors to ensure that AI functions as a transformative enabler rather than a driver of inequality. Despite rapid technological growth, deep disparities persist in access to digital infrastructure, quality education, healthcare, and economic opportunity. AI has the potential to bridge these gaps, but without inclusive design principles, it may amplify bias, intensify surveillance harms, or exclude vulnerable groups. The goal is to leverage Sustainable AI which offers a framework for deploying AI responsibly prioritizing ethics, environmental efficiency, fairness, cultural relevance, and long-term resilience.

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

- AI for Participation and Social Equity: Inclusive datasets, bias reduction techniques, participatory AI supporting refugees, rural communities, indigenous groups, women, and persons with disabilities.
- AI for Sustainable Education, Health, and Public Services: Multilingual adaptive learning systems, offline/edge AI tutors for low-resource settings, AI-driven diagnostics, and social welfare targeting.
- Green and Resource-Efficient AI: Energy-efficient model architectures, edge AI for connectivity-poor regions, sustainable computing and carbon-conscious model design.
- AI for Economic Inclusion and Livelihoods: Privacy-preserving digital identities, AI-powered smallholder agricultural and climate resilient advisories, micro-enterprise support systems, and financial inclusion mechanisms.
- AI integrated with networks, IoT, and communication systems: AI/ML embedded into next-generation networks, IoT infrastructures, intelligent agriculture networks and communication systems,
- AI for Cross-disciplinary applications: Merging AI with domains healthcare, biomedical research, sustainable agriculture, smart energy systems, industrial automation, environmental monitoring, climate adaptation, precision transportation, smart cities, fintech, and public governance.

IMPORTANT SUBMISSION DEADLINES

Call for Special Session proposals: **February 12, 2026**

Call for Regular Papers: **March 1, 2026**

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

PAPER SUBMISSION

Scan the QR Code or Visit

https://sasigd.org/special-sessions.php

REVIEWERS REGISTRATION

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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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