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

August 13–14, 2026

#68127, technically Co-Sponsored by IEEE SSIT (Society on Social Implications of Technology)

📍 **Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad, India**

All accepted, registered and presented papers will be submitted to IEEE Xplore for possible publication subject to fulfilling the IEEE eligibility criteria.

CALL FOR PAPERS

SCOPE: The 2026 International Conference on Sustainable AI for Social Impact and Global Development (SASIGD) focuses on leveraging AI to address critical global challenges, emphasizing sustainability, inclusivity, and equity. Key themes include AI-driven solutions for environmental sustainability, healthcare innovation, inclusive development, energy efficiency, smart cities, and economic empowerment. The conference also highlights ethical governance, responsible AI adoption, and the development of culturally aware and open-source AI tools to benefit underserved communities. By fostering cross-disciplinary collaboration, the event aims to ensure AI's transformative potential contributes positively to global development and sustainability.

Tracks

Track 1. AI for Environmental Sustainability
AI algorithms for climate change prediction and modeling, Satellite image analysis for deforestation and glacier monitoring, AI for precision agriculture and water conservation, Smart irrigation systems powered by AI, AI-based early warning systems for natural disasters (floods, earthquakes, hurricanes), Reducing e-waste using AI-based recycling and material recovery methods, Environmental challenges created by AI data centers

Track 2. AI for Healthcare and Well-being
AI for telemedicine and remote patient monitoring in underserved areas, Predictive analytics for epidemic and pandemic outbreak control, Applications of machine learning in drug discovery and vaccine development, AI for tackling malnutrition and improving maternal and child health, AI-powered prosthetics and assistive technologies for individuals with disabilities, Personalized AI fitness and mental health solutions for global populations, AI deskilling of medical professionals.

Track 3. AI and Inclusive Development
AI tools for addressing language barriers in education and communication, AI for creating adaptive learning platforms in low-resource settings, Applications of AI in digital identity verification for marginalized communities, Using AI to improve access to basic utilities like water, sanitation, and electricity, Developing culturally aware AI systems for diverse populations, Open-source AI solutions for low-income and remote regions, Minimizing harms caused by AI related to family violence.

Track 4. Green AI and Energy Efficiency
Optimizing AI model architectures for reduced energy consumption, AI for predictive maintenance of renewable energy infrastructure, Machine learning for solar panel efficiency and wind turbine optimization, AI-based energy forecasting and load management in smart grids, Carbon-aware AI systems and their applications, Resource-efficient AI hardware for edge and IoT devices, data centres and cloud infrastructure.

Track 5. Ethics, Governance, and Policy in AI
Frameworks for designing bias-free and inclusive AI systems, Policy recommendations for responsible AI adoption in developing economies, Mechanisms for ensuring transparency and explainability in AI systems, Tackling misinformation and disinformation using ethical AI, Establishing international standards for sustainable AI governance, Impact of AI on labor markets: Challenges and opportunities.

Track 6. AI for Economic Empowerment
AI-powered crop yield prediction and market price optimization, AI solutions for sustainable manufacturing, supply chain transparency and waste reduction, AI-driven microfinance solutions for small-scale entrepreneurs, enhancing trade and commerce in emerging markets using AI, AI-based decision support systems for policymakers in developing countries, Empowering rural artisans with AI-based tools for market access, Addressing the social impact of job displacement.

Track 7. AI for Smart and Resilient Cities
AI-powered traffic management and congestion reduction systems, AI for smart waste collection and recycling in urban areas, Optimizing urban energy consumption using AI-based analytics, AI solutions for affordable housing and urban planning, Applications of AI in public safety and crime prevention, AI for managing urban heat islands and improving air quality, Addressing the damage of continuous human monitoring.

Important Dates

Call for Papers

	Date
Deadline for Full Paper Submission	February 15, 2026
Notification of Acceptance	April 15, 2026
Camera-Ready Paper Submission	May 5, 2026
Early Bird Registration Deadline	May 25, 2026
Last Date of Registration	June 15, 2026
Conference Dates	August 13–14, 2026

Call for Special Sessions

Deadline for Proposals	February 5, 2026
Acceptance of Proposal	February 15, 2026
Deadline for Full Paper Submission	March 1, 2026
Notification of Acceptance	April 10, 2026
Camera-Ready Paper Submission	May 5, 2026
Early Bird Registration Deadline	May 25, 2026
Last Date of Registration	June 15, 2026
Conference Dates	August 13–14, 2026

Call for Student Posters

Deadline for Poster Submission	March 8, 2026
Notification of Acceptance	April 15, 2026
Final Poster Submission	May 10, 2026
Early Bird Registration Deadline	May 25, 2026
Last Date of Registration	June 15, 2026
Conference Dates	August 13–14, 2026

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