



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY
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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION

47 years

IEEE **SSIT** MADRAS CHAPTER

IEEE **SSIT** SOCIETY ON SOCIAL IMPLICATIONS OF TECHNOLOGY

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

Artificial Intelligence for Sustainable Healthcare, Agriculture, and Social Development

Session Code: **SS97**

Session Co-Chairs

Dr Mayur Bhoyar, Sant Gadge Baba Amravati University, India - (mayubhoyar@ieee.org)

Dr. Weiwei Jang, Beijing University of Posts and Telecommunications, China - (jww@bupt.edu.cn)

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Session Description

This special session focuses on the design, development, and deployment of Artificial Intelligence (AI) and Machine Learning (ML) techniques for sustainable social impact and global development. The session emphasizes interdisciplinary research that integrates AI with healthcare, agriculture, environmental sustainability, public welfare, and inclusive development frameworks. The rapid advancement of AI presents unprecedented opportunities to address pressing global challenges such as healthcare accessibility, food security, climate resilience, smart governance, and social equity. This session aims to provide a platform for researchers, practitioners, and policymakers to present innovative models, real-world case studies, and scalable AI-driven solutions that contribute to the United Nations Sustainable Development Goals (SDGs). The goal of this session is to encourage responsible, explainable, and ethically aligned AI solutions that demonstrate measurable social impact, particularly in low-resource and developing regions.

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

- AI and ML applications in sustainable healthcare systems
- Explainable AI (XAI) for clinical and social decision-making
- AI-driven solutions for smart and sustainable agriculture
- Predictive analytics for food security and crop yield optimization
- AI for climate change monitoring and environmental sustainability
- AI in public health surveillance and epidemiological modeling
- Ethical, responsible, and inclusive AI for social good
- AI-based decision support systems for policy and governance
- Deep learning and data-driven models for rural and urban development
- IoT and AI integration for sustainable smart communities

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

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