



ComSIA-2026

International Conference on Computing Systems and Intelligent Applications

*Organized by School of Open Learning, University of Delhi & Shaheed Rajguru
College of Applied Sciences for Women, University of Delhi
20-21st March 2026.*

******* CALL FOR PAPERS *******

SPECIAL SESSION ON

Synergizing AI, IoT, and Remote Sensing for Sustainable Environmental Management

SESSION ORGANIZERS:

1. Dr. Amita Somya, Professor and Assistant Director – Research, Amity School of Applied Sciences, Amity University, Bengaluru-562110, India.
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2. Dr. Rajat Bhardwaj, Associate Professor and Program Lead AI-ML, Amity School of Engineering and Technology, Amity University Bengaluru, India.
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EDITORIAL BOARD: (Optional)

[Name, University or Organization, Country, e-mail]

SESSION DESCRIPTION:

This special session will examine how environmental monitoring, analysis, and decision-making for sustainable natural resource management are being transformed by the confluence of artificial intelligence (AI), the Internet of Things (IoT), and remote sensing technologies. The combination of intelligent computing with real-time sensing and spatial data presents previously unheard-of prospects as global issues like resource depletion, pollution, biodiversity loss, and climate change necessitate prompt and well-informed action.

Researchers, technologists, and environmental specialists will convene to talk about novel ways to gather, process, and analyze vast amounts of environmental data; build predictive models; enable smart sensing networks; and develop policymakers' decision-support tools. We will present case studies on applications in precision agriculture, waste management, disaster prediction, air and water quality monitoring, and climate adaption.

RECOMMENDED TOPICS:

Topics to be discussed in this special session include (but are not limited to) the following:

- **AI for Soil Testing**
- **AI in Water treatment processes**
- **Remote Sensing Application in Pollution Detection and Management**
- **In Water Resource Management**
- **Forest and Habitat Restoration**

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **[Synergizing AI, IoT, and Remote Sensing for Sustainable Environmental Management]** *on or before [31 October 2025]*. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at https://comsia.in/paper_submission.html. All submitted papers will be reviewed on a double-blind, peer review basis.

NOTE: While submitting paper in this special session, please specify **[insert special session title]** at the top (above paper title) of the first page of your paper.

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