

7th International Conference on Frontiers in Computing and Systems

Organized By
Škoda Auto Vysoká škola, Prague, Czech Republic, and
COMSYS Educational Society, Kolkata

CALL FOR PAPERS FOR SPECIAL SESSION

Artificial Intelligence for Environmental Monitoring, Climate Change Analysis, and Sustainable Systems

SPECIAL SESSION ORGANIZERS



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TOPICS OF INTEREST (BUT NOT LIMITED TO)

- AI for high resolution satellite and aerial imagery analysis
- Environmental object detection and segmentation
- Climate data modeling using AI
- AI-based environmental anomaly detection
- Road network, water body, forest, and land-use extraction from aerial imagery
- Multi-modal geospatial data fusion
- UAV/drone-based environmental monitoring
- AI-based climate modeling and forecasting
- Spatio-temporal environmental data analysis
- Climate risk assessment using machine learning
- Extreme weather prediction using AI
- Edge computing for environmental applications
- Real-time high granular pollution monitoring using AI
- Sensor networks for climate monitoring
- Forest fire detection and prediction
- Flood, landslide, and disaster monitoring using AI
- Biodiversity monitoring using AI
- AI for sustainable infrastructure and smart cities
- Explainable AI for environmental applications
- Digital twins for environmental systems
- Green AI and sustainable computing
- AI-driven decision support systems for environmental management
- IoT-based environmental monitoring systems

Important Dates

Submission Deadline: April 01, 2026
Acceptance Notification: May 10, 2026
Registration Due: May 20, 2026
Camera-ready Submission: June 01, 2026
Main Sessions: June 24-26, 2026 (Hybrid mode presentation)

Submission Link | Contact Us

<https://comsysconf.org/2026/call-for-paper>



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