Call for Papers

Special Issue: Advances in Artificial Intelligence for Cross-Domain Applications

Publication Partner: Natural Sciences and Applied Technology (NSAT)
In Collaboration With: CHRIST (Deemed to be University), Bengaluru, India

About the Special Issue

Natural Sciences and Applied Technology (NSAT), in collaboration with CHRIST (Deemed to be University), Bengaluru, India, invites original research contributions for the Special Issue entitled **"Advances in Artificial Intelligence for Cross-Domain Applications."**

This Special Issue provides a common publication platform for selected research contributions associated with three international conferences: the International Conference on Artificial Intelligence in Sustainable Energy Systems (AISES 2026), the International Conference on AI-Driven Mathematical Modeling in Fluid Dynamics and Weather Prediction for Environmental Sustainability (ICFW 2026), and the International Interdisciplinary Conference (IIC 2027), themed *"Mind and Machine: Reimagining Human–AI Collaboration Across Sectors."*

The Special Issue aims to promote innovative, high-quality, and interdisciplinary research demonstrating the potential of artificial intelligence and emerging technologies to address challenges across engineering, science, energy, environmental sustainability, communication, business, and societal applications.

Common Topics of Interest

The Special Issue welcomes original research contributions in, but not limited to, the following areas:

1. Artificial Intelligence, Machine Learning, and Deep Learning
2. Explainable, Trustworthy, and Responsible Artificial Intelligence
3. Sustainable Energy Systems, Renewable Energy, and Smart Grids
4. Electric Mobility, Energy Storage, and Intelligent Energy Management
5. AI-Driven Mathematical Modelling and Computational Intelligence
6. Fluid Dynamics, Weather Prediction, and Climate Modelling
7. Environmental Sustainability and Intelligent Environmental Monitoring
8. Future Wireless Technologies, Intelligent Networks, and Internet of Things
9. Smart Engineering, Industrial Automation, and Digital Twins
10. Robotics, Intelligent Control, and Autonomous Systems
11. Human–AI Collaboration and Human-Centered Intelligent Systems
12. AI Applications in Business, Management, and Digital Transformation
13. Artificial Intelligence for Human Well-Being and Assistive Technologies
14. Emerging Computing Technologies and Quantum Computing
15. Interdisciplinary and Cross-Domain Applications of Artificial Intelligence

Submission and Review Process

All manuscripts must follow the official NSAT manuscript template and submission guidelines. Submissions will undergo initial editorial screening, plagiarism verification, and a double-blind peer-review process. Editorial decisions are expected within approximately 8–10 weeks, subject to completion of the review process.

All manuscripts will be evaluated based on originality, scientific quality, relevance to the Special Issue, ethical compliance, and final editorial acceptance. Participation in an associated conference does not guarantee publication.

Submission Opens: 1 October 2026
Submission Deadline: 31 March 2027

Guest Editors

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Researchers, academicians, industry professionals, and interdisciplinary research teams are invited to contribute original research advancing artificial intelligence and its cross-domain applications.

Submission Link: https://forms.gle/bppCHbM6KH4eC1Cw8