


ICDMIS 2024

**International Conference on Data Mining and Information Security
(ICDMIS 2024)**

Organized by
Eminent College of Management and Technology (ECMT)

Technically Sponsored by:
Scientific Innovation Research Group (SIRG), Egypt
Scientific Research Group in Egypt (SRGE), Egypt
SETIT Research Lab. Sfax University –Tunisia
CI2S lab, Argentina

Date: 7th – 8th October, 2024 (Hybrid Mode)

*******CALLFORPAPERS*******

SPECIALSESSION

Synergizing Sustainability and AI: Creating Eco-conscious Technologies

SESSION ORGANIZERS:



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SESSION DESCRIPTION:

The convergence of sustainability and artificial intelligence (AI) has become a crucial field of study and advancement in recent times. In light of urgent environmental concerns, it is crucial to utilize AI to create environmentally conscious solutions that reduce environmental harm and encourage sustainable behaviors in many industries. The purpose of this special session is to examine the connections between sustainability and AI. It seeks to encourage conversations on how sophisticated data mining and information security approaches might be used to tackle environmental issues and contribute to a more sustainable future.

We welcome scholars, practitioners, and industry experts to share their knowledge and research discoveries on subjects like green computing, optimizing renewable energy, intelligent resource management, mitigating climate change, and achieving sustainable development through AI-driven methods. This session aims to promote interdisciplinary conversation, exchange best practices, and encourage joint efforts in designing and implementing new solutions that priorities both environmental sustainability and technology growth. Join us in examining the profound capacity of combining sustainability with AI to establish a stronger and environmentally aware world.

RECOMMENDED TOPICS:

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

- Harnessing AI for Sustainable Development: Challenges and Opportunities
- Green AI: Towards Environmentally Responsible Technology
- Integrating Sustainability into AI: Strategies and Innovations
- AI-driven Solutions for Environmental Conservation and Climate Action
- Towards Eco-friendly AI: Balancing Innovation and Environmental Responsibility
- The Role of Data Mining in Building Sustainable Futures
- AI-Powered Sustainability: From Theory to Practice
- Fostering Sustainable Development Goals through AI Innovations
- Ethical AI: Advancing Environmental Stewardship
- Smart Solutions for a Greener Planet: AI and Sustainability in Harmony

PUBLICATION AND SUBMISSION PROCEDURE

The conference aims at carrying out double-blind review process. The papers submitted by the authors will be assessed based on their technical suitability, the scope of work, plagiarism, novelty, clarity, completeness, relevance, significance, and research contribution. The conference proceedings will be published in **Springer LNNS Series (Scopus)**.

Submission Link: <https://cmt3.research.microsoft.com/ICDMIS2024>

Submission Deadline: **30th June, 2024**

NOTE: While submitting the paper in this special session, please specify [Synergizing Sustainability and AI: Creating Eco-conscious Technologies] at the top (above paper title) of the first page of your paper.
