


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)

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

SPECIAL SESSION

Intelligent Data-Driven Systems and Predictive Analytics for Sustainable Development

SESSION ORGANIZERS:



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SESSION DESCRIPTION:

Predictive analytics and intelligent data-driven systems are essential to sustainable development because they maximize decision-making, facilitate effective resource management, and forecast future trends. They offer practical insights to tackle environmental issues, bolster economic stability, and promote social welfare, propelling long-term sustainability and advancement in numerous fields. This special intends to investigate the relationship between artificial intelligence, data science, and sustainable development objectives. This talk will explore creative approaches to using intelligent data-driven systems to solve problems in a range of industries, including healthcare, agriculture, energy, and environmental preservation. In order to support global sustainable development initiatives, researchers and practitioners use predictive analytics to foresee future trends, pinpoint risks, and streamline decision-making procedures. Machine learning algorithms, big data analytics, Internet of Things applications, and data visualization strategies with an eye toward sustainable solutions are some of the possible topics covered. Participants will have the opportunity to share insights, present cutting-edge research, and engage in discussions on how data-driven approaches can contribute to achieving long-term sustainability goals at local, regional, and global levels.

RECOMMENDED TOPICS:

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

- Leveraging AI for Sustainable Resource Management
- Predictive Analytics for Climate Change Mitigation
- Data-Driven Strategies for Sustainable Urban Planning
- IoT and Big Data: Tools for Sustainable Agriculture
- Machine Learning for Energy Efficiency and Conservation
- Innovative Data Solutions for Biodiversity Preservation
- Smart Technologies for Sustainable Water Management
- Advancing Circular Economy through Predictive Insights

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 [Intelligent Data-Driven Systems and Predictive Analytics for Sustainable Development] at the top (above paper title) of the first page of your paper.

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