


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

Innovative Analytics and Technologies for Enhancing Environmental and Human Well-Being

SESSION ORGANIZERS:



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SESSION DESCRIPTION:

This special session will delve into the transformative potential of advanced analytics and emerging technologies in promoting environmental sustainability and enhancing human well-being. Participants will explore a diverse range of topics, including analyzing the impact of environmental policies using large datasets, developing AI algorithms for predicting disease risks and personalizing treatments, deploying IoT devices for efficient energy management in smart cities, leveraging blockchain technology to ensure transparency in sustainable sourcing, implementing blockchain for traceability in food and pharmaceutical supply chains, using big data to analyze student performance and tailor personalized learning paths, applying predictive analytics to identify students at risk and provide timely interventions, integrating IoT devices and big data analytics for precision farming and resource management, and utilizing natural language processing (NLP) for sentiment analysis to gauge public opinion on environmental and health issues.

Join us to discover how these innovative technologies can drive significant advancements in environmental sustainability and human health, fostering a future where technology and well-being go hand in hand.

RECOMMENDED TOPICS:

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

- Analyzing the impact of environmental policies using large datasets.
- Developing AI algorithms for predicting disease risks and personalizing treatments.
- Deploying IoT devices for efficient energy management in smart cities.
- Leveraging blockchain technology to ensure transparency in sustainable sourcing.
- Implementing blockchain for traceability in food and pharmaceutical supply chains.
- Using big data to analyze student performance and tailor personalized learning paths.
- Predictive analytics for identifying students at risk and providing timely interventions.
- Utilizing IoT devices and big data analytics for precision farming and resource management.
- Leveraging NLP for sentiment analysis to gauge public opinion on environmental and health issues.

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 [Innovative Analytics and Technologies for Enhancing Environmental and Human Well-Being] at the top (above paper title) of the first page of your paper.

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