



## ICDAM-2026

### 7<sup>th</sup> International Conference on Data Analysis and Management

*Organized by London Metropolitan University, London, UK (Venue Partner)  
in association with*

*WSG University, Bydgoszcz, Poland, Europe*

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*Portalegre Polytechnic University, Portugal, Europe*

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*SGGW Management Institute, Poland, Portugal*

*Date: 12<sup>th</sup> – 14<sup>th</sup> June 2026*

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

#### SPECIAL SESSION ON

**Intelligent Data-Driven Frameworks for Sustainable Development: AI, Optimization, and Resilient Systems**

#### SESSION ORGANIZERS:

**Dr. Madhumala R Bagalatti**  
Professor and HoD,  
Dept. of CSE in IoT, Cybersecurity including Blockchain  
Dayananda Sagar Academy of Technology and Management,  
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**Dr. M. Venkateshkumar**  
Assistant Professor (Selection Grade)  
Department of Electrical and Electronics Engineering  
Associate Editor - IEEE Access Journal  
Chair - IEEE Power and Energy Society - Madras Section  
Global Co-Leader, IEEE 1547.7 Sub Group 6 team in IEEE Standards Association USA.  
Secretary - Impact Assessment Framework for Sustainable Mobility Systems - Industry Connections,  
IEEE Standards Association USA.  
Intel ONEAPI Innovator and Intel Certified Instructor Machine Learning (2024)  
Amrita Vishwa Vidyapeetham, Coimbatore.  
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### **EDITORIAL BOARD: (Optional) :**

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### **SESSION DESCRIPTION:**

This special session focuses on the role of AI-driven data analytics in addressing global sustainability challenges. It aims to explore advanced machine learning models, predictive analytics, optimization techniques, and intelligent decision-support systems that contribute to resource efficiency, carbon reduction, climate resilience, smart governance, and inclusive growth.

The session encourages interdisciplinary research that integrates AI, big data analytics, IoT, cloud and edge computing, and sustainable computing frameworks. Contributions highlighting real-world case studies, scalable architectures, policy-driven analytics, and ethical AI practices for sustainability are particularly welcome.

The objective of this session is to provide a collaborative platform for researchers, academicians, industry professionals, and policymakers to discuss innovative methodologies and practical implementations that drive sustainable development through intelligent data analytics.

### **RECOMMENDED TOPICS:**

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

- **Machine Learning and Deep Learning for Large-Scale Data**
- **Performance-Aware Resource Optimization in Cloud Environments**
- **Data Analytics for Sustainable and Green Computing**
- **Quantum and Hybrid Computing for Data Processing**
- **Big Data Architectures and Distributed Data Management**
- **Edge Computing and IoT Data Analytics**

**SUBMISSION PROCEDURE:**

Researchers and practitioners are invited to submit papers for this special theme session **Intelligent Data-Driven Frameworks for Sustainable Development: AI, Optimization, and Resilient Systems**. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at <https://icdam-conf.com/downloads> . All submitted papers will be reviewed on a double-blind, peer-review basis.

**NOTE:** While submitting a paper in this special session, please specify **Intelligent Data-Driven Frameworks for Sustainable Development: AI, Optimization, and Resilient Systems** at the top (above paper title) of the first page of your paper.

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