



International Conference on Data-Processing and Networking (ICDPN-2025)

Date: 7th – 8th November, 2025

ORGANISED BY : Institute of Technology and Business in České Budějovice,
Near Prague, Czech Republic, Europe (Venue).

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

SPECIAL SESSION ON

Empowering Sustainability through Data Analytics and Green Innovation

SESSION ORGANIZERS:

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SESSION DESCRIPTION:

This special session seeks to converge these two influential spheres by examining how data analytics can serve as a catalyst for sustainable solutions across diverse domains, including energy, agriculture, manufacturing, transportation, urban planning, and climate action. We welcome original research, case studies, and review articles that highlight the integration of data-driven methodologies to advance environmental, economic, and social sustainability. Submissions should emphasize the design or assessment of analytics frameworks and systems that enable sustainable practices, enhance resource efficiency, and inform strategic decision-making toward a greener, more resilient future.

RECOMMENDED TOPICS:

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

- Machine learning applications for smart cities and sustainable infrastructure development.
- Data-powered approaches for waste minimization and material reuse.
- Consumption monitoring and optimization modeling for renewable and non-renewable sources.
- IoT-enabled data analysis for sustainable farming practices and yield optimization.
- Real-time data solutions for risk reduction and early warning systems.
- Measuring and analyzing Environmental, Social, and Governance performance indicators.
- Data applications in sustainable finance, investment evaluation, and eco-friendly innovation.
- Data-driven models for environmental policy formulation and assessment.
- Analytics for optimizing logistics and reducing environmental footprints

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **"Empowering Sustainability through Data Analytics and Green Innovation"** on or before [31st AUGUST 2025]. 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://www.icdpn-conf.com/Downloads>. All submitted papers will be reviewed on a double-blind, peer review basis.

NOTE: While submitting paper in this special session, please specify [**Session name**] at the top (above paper title) of the first page of your paper.

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **[session name] on or before [30th MAY 2025]**. 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://www.icdpn-conf.com/Downloads>**. All submitted papers will be reviewed on a double-blind, peer review basis.

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