

“Sustainability in Our Times Conference”

Track: Sustainable Operations and Information Systems!

Track Description: This track explores emerging research and leading practices at the intersection of sustainability, operations management, and information systems. We invite contributions that advance understanding of how digital technologies enhance the environmental, social, and economic sustainability of operations and information systems. Of particular interest are digital-enabled decarbonization strategies, such as advanced carbon accounting systems, automated footprint measurement, comparative climate policy analytics and strengthen ESG compliance powered by digital and analytical tools.

The track also encourages work on how information systems facilitate the adoption of circular economy principles, Extended Producer Responsibility (EPR), closed-loop logistics and resource-efficient operations. We welcome studies that examine how digital platforms and platform governance promote collaboration among suppliers, consumers, and regulators to promote sustainability transitions.

A further emphasis is placed on sustainable and resilient supply chains, including strategies for managing renewable energy resources, and navigating environmental and market pressures.

Collectively, the track seeks to build a comprehensive understanding of how sustainability can be embedded into supply chain, operations, and information systems, enabling organizations to transition toward more responsible and future-ready practices.

Topics of interest include, but are not limited to:

- How can IS-enabled carbon analytics improve precision, transparency, and interoperability in footprint measurements?
- How do digital systems support comparative policy evaluation and ESG-driven supplier management?
- In what ways do digital platforms and information technologies accelerate circularity and EPR implementation?
- How data-driven models enhance resilience to climate-induced disruptions?
- How can digital technologies (e.g., including IoT, blockchain, and AI) strengthen transparency, waste reduction, and sustainability integration across global supply chains?

Track Chairs

Bingqing Xiong (b.xiong@deakin.edu.au)

Bingqing is a Senior Lecturer in the Department of Information Systems and Business Analytics, Deakin Business School. Bingqing's research interests focus on innovation issues related to innovation diffusion, innovation portfolios, and strategic management in various contexts (e.g., open innovation, crowdsourcing, social trading, e-commerce, e-health and m-commerce).

Bingqing's research has appeared in international journals such as Journal of Management Information Systems (JMIS), Industrial Management & Data Systems (IMDS) as well as proceedings of leading management and information systems conferences such as Academy of Management (AOM), The annual Americas Conference on Information Systems (AMCIS), The Hawaii International Conference on System Sciences (HICSS), The International Conference on Information Systems (ICIS), and The Pacific Asia Conference on Information Systems (PACIS).

Indranil Biswas (indranil.biswas@neoma-bs.fr)

Indranil is an Associate Professor in the department of Information Systems, Supply Chain Management, and Decision Support at NEOMA Business School. He teaches Supply Chain Management, Lean Management, and International Procurement. Indranil's research focuses on supply chain coordination and inventory policies using Newsvendor framework. The results of Indranil's research have been published in the European Journal of Operational Research, the International Journal of Production Economics, Transportation Research Part E: Logistics and Transportation Review, Annals of Operations Research, International Journal of Production Research, and Journal of Cleaner Production. He is an ad hoc reviewer for several journals, including the California Management Review.