



The 50th International Conference on Computers and Industrial Engineering

CIE50 | October 30–November 2, 2023

Special Session on Sustainable Logistics Systems and Supply Chains

Organizers

	Name	Affiliation	Email
1	Dr. Malick Ndiaye	Associate professor, Industrial Engineering Department, AUS	mndiaye@aus.edu
2	Dr. Batool Madani	Ph.D. researcher, Engineering Systems Management, AUS	g00050500@aus.edu
3	Dr. Iddrisu Awudu	Associate Professor of Management, Quinnipiac University, USA	Iddrisu.Awudu@quinnipiac.edu

Session Information

The sustainable logistics systems and supply chains special session aims to bring together researchers and experts in the field of logistics and supply chain to share ideas and experiences in order to help build more sustainable operations and practices for logistics and supply chain management. The session will focus on joining methods, approaches, and solutions from the fields of operations research, business analytics, strategic management, multi-criteria decision analysis, and other related fields with the goal of improving sustainability in transportation, warehousing, forward and/or reverse logistics, cold supply chain, and other supply chain management practices. It covers all key areas in sustainable logistics systems and supply chains including:

- building strategies and novel business models for sustainable operations and practices,
- leveraging on emerging technologies such as IoT, big data analytics, UAVs, blockchain, and metaverse to enhance sustainability,
- environmental impact of transportation and logistics systems,
- circular economy strategies.

We invite high-quality papers that contribute to substantial, novel, and previously unpublished research on the topics of the session. This includes, but not limited to, theoretical research papers offering new concepts, empirical studies and qualitative case studies that develop new

insights, mathematical or metaheuristic optimization techniques, and multi-criteria decision models.

Submission Deadline: June 30, 2023


Notification of Acceptance: July 15, 2023

Early Bird Registration Deadline: July 30, 2023


Final Paper Submission Deadline: August 15, 2023

Short Biography and photo of Organizers


Organizer 1 –

<p>Malick Ndiaye received the M.S. degree in quantitative methods in economics, optimization and strategic analysis from the University of Paris 1 Sorbonne, France, and the Ph.D. degree in operations research from the University of Burgundy, France. He has worked with the University of Birmingham, U.K., and the King Fahd University of Petroleum and Minerals, Saudi Arabia, before joining the American University of Sharjah. His recent scholarly work focuses on developing last mile delivery routing solutions, vehicle routing optimization in cold supply chain, and the use of emerging technology to improve logistics and supply chain systems.</p>	
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Organizer 2 –

<p>Batool Madani received her M.Sc. in Engineering Systems Management from the American University of Sharjah, U.A.E, and the Ph.D. degree in Engineering Systems Management from the American University of Sharjah. Her research is oriented around the opportunities, enablers, and challenges of the integration of drone technology in the last mile delivery operations. Her research interests include supply chain and logistics, sustainability, vehicle routing, optimization, and metaheuristics.</p>	
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Organizer 3 –

<p>Iddrisu Awudu, with PhD in Industrial and Manufacturing Engineering from the North Dakota State University (NDSU) is an Associate Professor at Quinnipiac University, USA. He has worked for Nokia’s Navteq, Nestle, and Afripa Telecom which span three countries including the USA, UK, and Ghana. His research domain are in the areas of renewable energy, supply chain and operations, supply chain optimization, risk/hedging in supply chain, sustainable supply chains and logistics. Dr Awudu is a two-time (2015 and 2017) Carnegie African Diaspora Fellow.</p>	
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