Special Issue

Green Logistics: Transforming the Supply Chain for a Low-Carbon Future

Message from the Guest Editors

The climate crisis demands strategies to decarbonize global supply chains. Green logistics-integrating environmental sustainability into production, transportation, warehousing, packaging, and distribution —is pivotal to achieving a low-carbon economy. This Special Issue invites cutting-edge research on innovative models, technologies, and policies that advance the supply chain lifecycle. We seek contributions that bridge theory and practice, offering pathways toward net-zero emissions while balancing economic viability, social equity and planetary boundaries. Traditional logistics remains a dominant source of greenhouse gas emissions and ecological damage. Sustainable transformation requires systemic redesign from sourcing low-impact materials and adopting clean energy in transport to implementing circular-economy principles in reverse logistics. Stakeholders increasingly prioritize carbon transparency, ethical sourcing and circularity. Yet, barriers persist, including cost trade-offs, technological gaps, and policy fragmentation. This Special Issue aims to address these challenges by showcasing scalable, data-driven solutions for green logistics in a resourceconstrained world.

Guest Editors

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Deadline for manuscript submissions

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Editor-in-Chief

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