

Special Issue

Achieving Zero Carbon Strategy: Towards What Direction Should Supply Chain Focus On?

Message from the Guest Editors

Massive industrialization causes severe greenhouse gas emissions all over the world. Emissions of carbon dioxide have increased by 49% over the last few centuries. Thus, the negative effects of carbon emissions are now the biggest threat to the Earth's ecological systems. As a consequence, in 2005, the European Union Emissions Trading System began to implement a method to control greenhouse gas emissions by implementing a compulsory 'cap-and-trade' policy among the 27 EU member countries. At the Paris convention (November–December 2015) of the United Nations, it was decided that the EU should move towards achieving zero emissions in the timeframe 2030–2050 without incurring economic losses. Under the present global environmental regulations, firms that are generally in the supply chain framework are reframing their manufacturing, remanufacturing, production and operation strategies. This Special Issue aims to encourage original and relevant research focusing on sustainable supply chain management for zero carbon emissions.

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