

IISE Transactions Webinar

Thursday, Nov 10, 2022 | 9-10 a.m. US CT (10-11 a.m. ET)

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A Structured Overview of Insights and Opportunities for Enhancing Supply Chain Resilience

Widespread product shortages during the COVID-19 pandemic and other emergencies have prompted several large studies of how to make supply chains more resilient. In this talk we leverage these studies, as well as the academic literature, to provide a review of our state of knowledge about supply chain resilience. To do this, we (i) classify the failure modes of a supply chain, (ii) quantitatively evaluate the level of resilience needed in a supply chain to achieve desired business or societal outcomes, (iii) describe a structured framework of actions to enhance supply chain resilience, and (iv) use the resulting conceptual paradigm to review the academic literature on supply chain risk and resilience. In each step, we summarize key insights from our current state of understanding, as well as gaps that present opportunities for research and practice. This webinar is based on an *IISE Transactions* [perspective paper of the same title](#).

Speaker



Wallace J. Hopp is Distinguished University Professor of Business and Engineering at the University of Michigan. He studies the design, control and management of operations systems, with emphasis on manufacturing and supply chain systems, innovation processes, and health care systems. Hopp is an elected member of the National Academy of Engineering, and a Fellow of IIE, INFORMS, MSOM, POMS and SME. He has served as President of the Production and Operations Management Society (POMS) and as Editor-in-Chief of the journal *Management Science* and is an active industry consultant, whose clients have included many Fortune 500 firms.

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