

Integrated Supply Chain Risk Management

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Abstract:

We present a survey of past, current and future research in the general area of supply chain risk management. Over the past decade, we have pursued research on the interface of sales and operations, dynamic pricing and supply chain, competitive dynamic pricing, and the integration of risk management in the airline industry. This seminar will provide a survey of some of this research. We then discuss current work that considers capacity decisions by airlines and their relationship with exogenous factors, such as fuel cost, total passenger demand, and the state of the economy. We introduce future analytical and empirical research that extends the examination into the airline industry. Finally, we will outline an integrated risk management exercise that can be used with MBA students or executives, as well as a new book on the interface of financial and operational risk management.