

Contents

1	Enterprise Risk Management in Supply Chains	1
2	Risk Matrices	15
3	Value-Focused Supply Chain Risk Analysis	31
4	Examples of Supply Chain Decisions Trading-off Criteria	43
5	Simulation of Supply Chain Risk	55
6	Value at Risk Models	75
7	Chance-Constrained Models	89
8	Data Envelopment Analysis in Enterprise Risk Management	105
9	Data Mining Models and Enterprise Risk Management	119
10	Balanced Scorecards to Measure Enterprise Risk Performance	143
11	Machine Learning and Artificial Intelligence Risk	151
12	Enterprise Risk Management in Projects	173
13	Natural Disaster Risk Management	187
14	Sustainability and Enterprise Risk Management	205
15	Environmental Damage and Risk Assessment	233
	Index	247