Supply Chain Resilience and Global Risk Mapping Training Course

Professional Development Training Course Outline

Category	Defense and Security	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In an increasingly volatile global environment, supply chain resilience has become a critical capability for organizations seeking long-term stability and competitive advantage. Disruptions arising from geopolitical tensions, pandemics, natural disasters, cyber threats, and economic instability have created unprecedented challenges that require advanced tools, analytical frameworks, and proactive strategies. Supply Chain Resilience and Global Risk Mapping Training Course equips participants with comprehensive knowledge on global risk mapping, scenario analysis, supply chain visibility, and data-driven decision-making to strengthen institutional preparedness.

The training integrates global supply chain trends, predictive risk models, and resilience frameworks that enable organizations to anticipate disruptions and respond effectively. Participants will gain hands-on experience in evaluating vulnerabilities, designing robust mitigation strategies, and implementing adaptive supply chain systems. Through case studies and real-world applications, this course enhances strategic planning capacity and empowers professionals to build resilient, intelligent, and future-ready supply chains.

Programme Curriculum

Supply Chain Resilience and Global Risk Mapping Training Course

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Course Objectives

1. Understand the principles of supply chain resilience in volatile global environments.
2. Analyze global risk drivers using advanced mapping and predictive analytics.
3. Apply trending resilience frameworks such as network agility and multi-sourcing.
4. Assess vulnerabilities across supply chain nodes using data-driven tools.
5. Develop mitigation strategies for geopolitical, economic, and environmental risks.
6. Strengthen business continuity and emergency response planning.
7. Enhance supply chain visibility using digital technologies and real-time data.
8. Build adaptive strategies through scenario modelling and stress testing.
9. Implement supplier risk assessment and monitoring systems.
10. Integrate global risk intelligence into procurement and logistics planning.
11. Improve institutional decision-making using resilience performance metrics.
12. Evaluate the impact of emerging technologies on supply chain stability.
13. Develop long-term strategies for sustainable and resilient supply chain operations.

Organizational Benefits

- Improved ability to anticipate and manage global disruptions
- Strengthened business continuity and operational stability
- Enhanced supply chain visibility across all operational levels
- Reduced financial losses from unexpected interruptions
- Increased agility through diversified sourcing strategies
- Better decision-making supported by real-time risk intelligence
- Stronger relationships with resilient and compliant suppliers
- Enhanced reputation for reliability and preparedness
- Increased operational efficiency through data-driven planning
- Sustainable long-term resilience embedded across supply chain systems

Target Audiences

- Supply chain and logistics managers
- Procurement and sourcing professionals
- Risk management and compliance officers
- Business continuity and operations managers
- Strategic planning and corporate governance teams
- Data analysts and supply chain intelligence officers
- Project managers and operational supervisors
- Consultants and development partners in supply chain systems

Course Duration: 5 days

Course Modules

Module 1: Foundations of Supply Chain Resilience

- Understand key concepts in resilience, agility and continuity
- Assess global trends shaping modern supply chains
- Identify internal and external risk drivers
- Examine interdependencies in complex supply chain networks
- Develop resilience principles aligned with organizational goals
- Case Study: How a global manufacturer recovered from a major disruption

Module 2: Global Risk Mapping and Strategic Vulnerability Analysis

- Map geopolitical, economic, and environmental risks
- Use risk heatmaps and probability-impact models
- Identify bottlenecks and high-risk nodes
- Evaluate supplier, logistics, and market vulnerabilities
- Apply global risk intelligence tools for decision-making
- Case Study: Regional conflict and its impact on supply chain routes

Module 3: Scenario Analysis and Stress Testing

- Develop disruptive scenarios for high-risk events
- Model supply chain performance under stress
- Evaluate response options using data simulations
- Test alternative sourcing, inventory and logistics plans
- Integrate scenario outcomes into continuity planning
- Case Study: Pandemic-driven global supply chain stress test

Module 4: Supplier Risk Assessment and Diversification

- Assess supplier reliability and compliance levels
- Analyze geographical concentration and dependency risks
- Build diversification strategies for critical supplies
- Implement supplier monitoring and audit frameworks
- Strengthen partnerships through performance metrics
- Case Study: Supplier failure and impact on production capacity

Module 5: Digital Tools for Supply Chain Visibility

- Explore technologies enabling real-time transparency
- Use dashboards for inventory and logistics tracking
- Integrate IoT, AI, and data analytics for forecasting
- Improve coordination across distributed partners
- Reduce blind spots through automated alerts and reporting
- Case Study: IoT-enabled visibility in international logistics

Module 6: Business Continuity Planning for Supply Chains

- Define continuity requirements for critical operations
- Establish emergency roles, protocols and communication plans
- Develop backup sourcing and logistics arrangements
- Protect assets, data, and workforce continuity
- Embed resilience into organizational governance

- Case Study: Rapid recovery following a natural disaster

Module 7: Building Adaptive and Agile Supply Chain Systems

- Evaluate adaptive strategies for turbulent markets
- Implement lean-resilient hybrid models
- Redesign networks for flexibility and responsiveness
- Enhance cross-functional collaboration
- Align resilience with sustainability and cost optimization
- Case Study: Transition to an agile supply chain structure

Module 8: Measuring Supply Chain Resilience Performance

- Define KPIs and resilience performance metrics
- Monitor operational capacity during disruptions
- Use dashboards for resilience reporting
- Conduct periodic resilience audits
- Integrate metrics into strategic improvement plans
- Case Study: Resilience scorecard used by a leading global retailer

Training Methodology

- Interactive instructor-led presentations
- Practical group exercises and risk mapping sessions
- Case study discussions and real-world scenario analysis
- Hands-on use of risk assessment and mapping tools
- Simulated decision-making activities for resilience planning
- Action-oriented workshops for institutional application

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

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