CLIMATE CHANGE, DISASTER RISK REDUCTION AND ORGANIZATIONAL RESILIENCE COURSE

Introduction

The Executive Course in Climate Change, Disaster Risk Reduction and Organizational Resilience equips senior executives, policymakers, emergency managers, risk professionals, development practitioners, and organizational leaders with the strategic knowledge and practical tools required to anticipate, prepare for, respond to, and recover from climate-related and other disasters. Participants will develop competencies in climate risk assessment, disaster preparedness, emergency planning, crisis leadership, enterprise continuity, recovery planning, resilience building, and governance frameworks that strengthen institutional capacity and long-term sustainability. Governments, businesses, humanitarian organizations, and public institutions are under growing pressure to strengthen resilience, improve disaster preparedness, ensure continuity of critical services, and accelerate recovery from disruptions. Effective disaster risk reduction is no longer limited to emergency response—it has become a strategic leadership priority that requires proactive planning, climate adaptation, integrated governance, and organizational resilience. The programme explores climate science, disaster risk governance, climate adaptation, emergency management, business continuity planning, crisis communication, recovery strategies, resilient infrastructure, stakeholder coordination, and digital technologies for disaster management. The programme aligns with internationally recognized frameworks, including the Sendai Framework for Disaster Risk Reduction 2015–2030, Paris Agreement, United Nations Sustainable Development Goals (SDGs), ISO 22301 Business Continuity Management, ISO 22316 Organizational Resilience, ISO 31000 Risk Management, and the UN Office for Disaster Risk Reduction (UNDRR) guidance.

Course Objectives

- Understand climate change and disaster risk reduction principles.
- Assess climate, environmental, operational, and disaster-related risks.
- Develop disaster preparedness and emergency response strategies.
- Strengthen organizational resilience and business continuity.
- Lead crisis management and emergency decision-making.
- Integrate climate adaptation into strategic planning and operations.
- Design disaster recovery and organizational recovery frameworks.
- Improve stakeholder coordination and emergency communication.
- Monitor resilience performance using international standards.
- Build resilient organizations capable of adapting to future climate and disaster risks.

Course Modules

> Module 1: Climate Change, Disaster Risk Reduction and Organizational Resilience

- Climate science and disaster trends
- Disaster risk reduction principles
- Organizational resilience concepts
- Global resilience frameworks

> Module 2: Climate Risk Assessment and Vulnerability Analysis

- Hazard identification and profiling
- Climate vulnerability assessment
- Disaster risk mapping
- Risk prioritization and mitigation planning

> Module 3: Disaster Preparedness and Emergency Planning

- Emergency preparedness planning
- Early warning systems
- Emergency operations planning
- Resource mobilization and coordination

> Module 4: Crisis Leadership and Emergency Decision-Making

- Leadership during crises
- Crisis communication strategies
- Decision-making under uncertainty
- Incident command systems

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> Module 5: Business Continuity Management and Critical Operations
- Business Continuity Management (BCM)
- Business Impact Analysis (BIA)
- Continuity planning for critical services
- Operational resilience strategies

> Module 6: Disaster Response, Recovery and Organizational Rehabilitation
- Emergency response coordination
- Disaster recovery planning
- Organizational recovery strategies
- Lessons learned and institutional learning

> Module 7: Climate Adaptation and Resilient Infrastructure
- Climate adaptation planning
- Nature-based solutions
- Climate-resilient infrastructure
- Sustainable urban resilience

> Module 8: Governance, Partnerships and Community Resilience
- Disaster governance frameworks
- Multi-agency coordination
- Community engagement and resilience
- Public-private partnerships

> Module 9: Digital Innovation, Data Analytics and Disaster Intelligence
- Geographic Information Systems (GIS)
- Remote sensing and climate data
- Artificial Intelligence in disaster management
- Digital resilience dashboar

> Module 10: Developing an Organizational Resilience and Recovery Strategy
- Organizational resilience maturity assessment
- Integrated resilience framework development
- Recovery roadmap and implementation planning
- Continuous improvement and resilience culture