Climatic Risk Awareness Course

4 – 8 January 2027
Düsseldorf (Germany)



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Introduction

Climate change has emerged as one of the most significant global challenges affecting organizations, governments, financial institutions, and communities. Rising temperatures, extreme weather events, changing environmental conditions, and evolving regulatory requirements are creating new risks that can impact operations, infrastructure, investments, supply chains, and long-term sustainability.

This comprehensive course provides participants with a practical understanding of climate-related risks, their potential impacts on organizations, and the strategies required to identify, assess, manage, and mitigate these risks. The program explores climate science fundamentals, physical and transition risks, climate governance, risk assessment methodologies, regulatory developments, and organizational resilience planning.

Through practical examples, case studies, and interactive discussions, participants will gain the knowledge required to understand climate-related challenges and support informed decision-making within their organizations.

Course Objectives

By the end of this course, participants will be able to:

- Understand the fundamentals of climate change and climate-related risks.
- Identify physical and transition climate risks affecting organizations.
- Recognize the financial, operational, and strategic impacts of climate risks.
- Understand climate-related regulatory and reporting requirements.
- Assess climate risks using established methodologies.
- Integrate climate risk considerations into organizational decision-making.
- Support climate resilience and adaptation initiatives.
- Understand climate-related disclosures and sustainability frameworks.
- Evaluate climate-related opportunities alongside risks.
- Enhance organizational preparedness for climate-related challenges.
- Promote climate awareness across business functions.
- Contribute to sustainable and resilient organizational strategies.



Course Outline

Day 1: Introduction to Climate Change and Climate Risks

- Understanding climate change fundamentals and global trends.
- Causes and drivers of climate change.
- Climate science and environmental impacts.
- Global climate agreements and international initiatives.
- Overview of climate-related risks and opportunities.
- Stakeholder expectations regarding climate action.
- Economic and social implications of climate change.
- Climate change and sustainable development.
- Introduction to climate governance concepts.
- Case study on climate-related business impacts.

Day 2: Physical Climate Risks and Organizational Impacts

- Understanding acute and chronic physical climate risks.
- Extreme weather events and operational disruptions.
- Flooding, droughts, heatwaves, and rising sea levels.
- Climate impacts on infrastructure and assets.
- Supply chain vulnerabilities and business continuity challenges.
- Climate-related health and safety considerations.
- Assessing organizational exposure to physical risks.
- Climate resilience and adaptation strategies.
- Physical risk assessment methodologies.
- Workshop on evaluating physical climate risks.

Day 3: Transition Risks and Emerging Opportunities

- Understanding transition risks associated with climate change.
- Regulatory and policy developments.
- Carbon pricing and emissions reduction initiatives.
- Technological transformation and innovation.
- Market and consumer behavior changes.
- Reputational risks and stakeholder expectations.
- Climate-related financial implications.
- Green finance and sustainable investment opportunities.
- Business opportunities arising from the low-carbon transition.
- Case study on transition risk management.



Day 4: Climate Risk Assessment and Management

- Climate risk identification and evaluation processes.
- Climate scenario analysis techniques.
- Climate stress testing methodologies.
- Risk assessment frameworks and tools.
- Integrating climate risks into enterprise risk management.
- Climate-related decision-making processes.
- Governance and accountability for climate risks.
- Monitoring and reporting climate risks.
- Developing climate action and mitigation plans.
- Workshop on climate risk assessment and prioritization.

Day 5: Climate Reporting, Resilience, and Future Readiness

- Introduction to climate-related disclosures.
- Overview of IFRS S2 and climate reporting requirements.
- Climate-related financial disclosures and transparency.
- Sustainability reporting and stakeholder communication.
- Building organizational climate resilience.
- Climate adaptation and long-term planning.
- Best practices in climate risk governance.
- Emerging trends in climate regulation and reporting.
- Developing a climate risk management roadmap.
- Final workshop on creating a climate resilience strategy.

Why Attend this Course

- Gain a comprehensive understanding of climate-related risks.
- Improve awareness of climate impacts on organizations and industries.
- Strengthen climate risk assessment and management capabilities.
- Understand evolving climate regulations and reporting requirements.
- Support organizational resilience and sustainability initiatives.
- Enhance decision-making related to climate challenges.
- Identify opportunities associated with climate transition.
- Improve stakeholder communication and transparency.
- Contribute to long-term organizational sustainability.
- Develop practical skills for managing climate-related risks.

Conclusion

Climate-related risks are becoming increasingly important for organizations across all sectors. Understanding these risks and developing effective management strategies is essential for ensuring operational resilience, regulatory compliance, and long-term sustainability.



This course provides participants with the knowledge and practical tools necessary to understand, assess, and manage climate-related risks while supporting organizational adaptation, resilience, and sustainable growth in a rapidly changing environment.

