

Climate Change and Catastrophe Insurance

Duration: 5 Days

Language: en

Course Code: PO5 - 129

Objective

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

- Understand the impact of climate change on global insurance markets.
- Analyse catastrophe risk models and assessment tools.
- Evaluate the design and function of catastrophe insurance schemes.
- Explore the role of governments, reinsurance, and international organisations in catastrophe risk sharing.
- Apply innovative solutions such as catastrophe bonds and climate risk financing instruments.
- Develop strategies for aligning catastrophe insurance with sustainability and resilience goals.

Audience

This course is ideal for:

- Insurance and reinsurance professionals.
- Risk managers and catastrophe modellers.
- Policymakers and regulators in climate and finance.
- Professionals in NGOs, development banks, and donor agencies.
- Financial analysts focusing on ESG and climate risk.
- Executives in insurance-linked securities and alternative risk transfer markets.

Training Methodology

The course blends expert-led presentations, real-world case studies, and interactive discussions. Participants will analyse climate disaster scenarios, evaluate insurance solutions, and develop actionable strategies to strengthen catastrophe risk resilience.

Summary

This specialised training course examines the intersection between climate change risks and the evolving field of catastrophe insurance. With the increasing frequency and severity of natural disasters—such as floods, hurricanes, wildfires, and droughts—insurers, governments, and global markets are under mounting pressure to design effective risk-transfer mechanisms.

The course provides participants with a deep understanding of catastrophe insurance frameworks, climate risk modelling, and innovative financial instruments that support resilience against extreme weather events. It highlights the importance of public–private partnerships, sustainable finance, and international cooperation in building long-term resilience to climate-driven catastrophes.

Course Content & Outline

Section 1: Climate Change and Risk Landscape

- The science of climate change and its economic implications.
- Rising frequency and intensity of natural disasters.
- Key vulnerabilities in developing vs. developed economies.

Section 2: Fundamentals of Catastrophe Insurance

- Principles and objectives of catastrophe insurance.
- National and regional catastrophe insurance pools.
- The role of reinsurance and global risk-sharing.

Section 3: Modelling and Risk Assessment Tools

- Catastrophe risk modelling methodologies.
- Data, technology, and predictive analytics in risk assessment.
- Case studies: Flood and hurricane risk models.

Section 4: Innovative Risk Transfer Mechanisms

- Catastrophe bonds and insurance-linked securities (ILS).

- Climate risk financing and resilience funds.
- Public–private partnerships for disaster protection.

Section 5: Policy, Sustainability, and Future Outlook

- Aligning catastrophe insurance with climate adaptation policies.
- ESG considerations in insurance and reinsurance.
- Emerging trends: parametric insurance, AI-driven climate models.
- Building long-term resilience through sustainable insurance frameworks.

Certificate Description

Upon successful completion of this training course, delegates will be awarded a Holistique Training Certificate of Completion. For those who attend and complete the online training course, a Holistique Training e-Certificate will be provided.

Holistique Training Certificates are accredited by The CPD Certification Service (CPD), and are certified under ISO 9001 and ISO 29993 standards.

CPD credits for this course are granted by our Certificates and will be reflected on the Holistique Training Certificate of Completion. In accordance with the standards of The CPD Certification Service, one CPD credit is awarded per hour of course attendance. A maximum of 50 CPD credits can be claimed for any single course we currently offer.

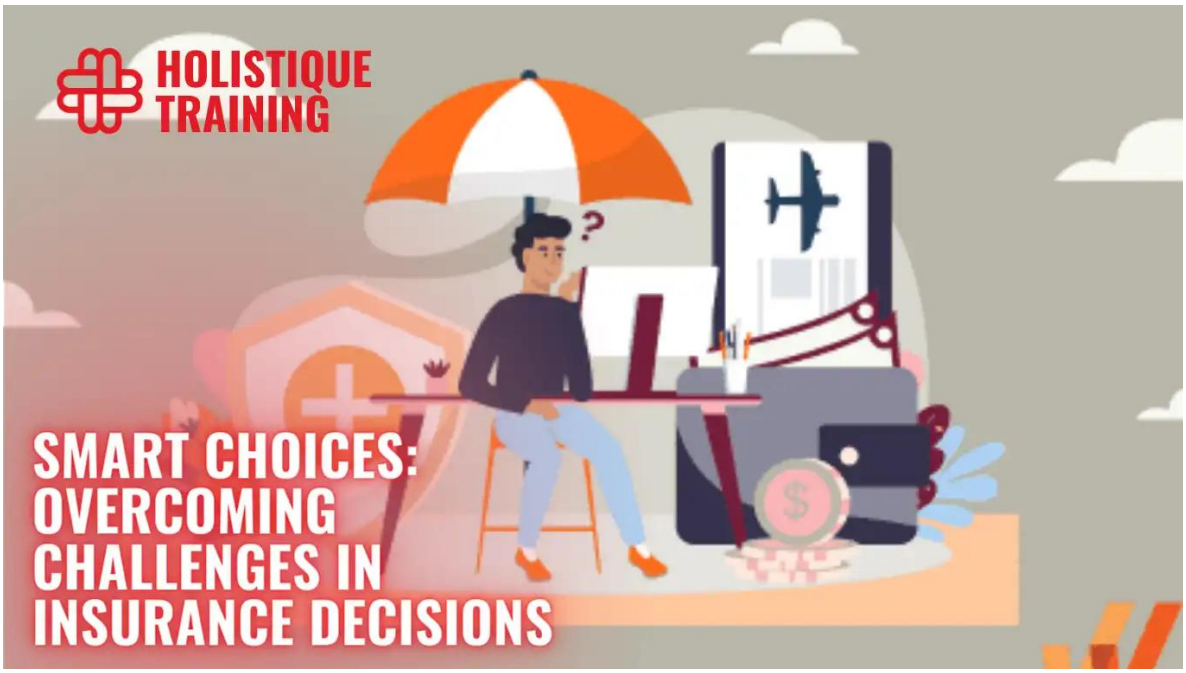
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Health, Safety & Environment HSE, Law, Contracts and Legalities

Tags

Climate Change, Catastrophe Insurance, sustainable insurance

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