



PB INSTITUTE OF RESEARCH AND TECHNOLOGY

P.O Box 21457-00100

Nairobi - Kenya

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Advanced Insurance-Linked Securities and Risk Financing Training Course

Duration: 5 days

On-Site

01 Who Should Attend

- Government Finance and Planning Officers
- Public Sector Risk Managers
- Development Finance Professionals
- International Development Organizations
- Regulators and Supervisory Authorities
- Insurance Brokers and Consultants
- Financial Advisors and Consultants
- Academics and Researchers in Insurance, Finance, and Risk Management



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02 About the Course

The growing frequency and severity of natural disasters, climate-related risks, and emerging global uncertainties have increased the demand for innovative approaches to risk transfer and financial protection. The **Navigating The New Frontier: Insurance-linked Securities And Catastrophe Bonds Training Course** provides participants with a comprehensive understanding of how insurance-linked securities (ILS) and catastrophe bonds (Cat Bonds) are transforming the way insurers, investors, governments, and organizations manage catastrophic risks.

The course covers key topics including catastrophe bond structures, risk modelling, pricing methodologies, investment considerations, regulatory frameworks, portfolio diversification, and the role of ILS in climate resilience and disaster risk financing. Participants will gain practical insights into how these instruments are designed, evaluated, issued, and managed.

By the end of this training course, participants will be equipped with the knowledge and tools to evaluate insurance-linked securities, understand catastrophe risk financing strategies, assess investment opportunities, and contribute to innovative approaches for managing large-scale risks.

03 Workshop Objectives

- Define and differentiate between various types of Insurance-Linked Securities (ILS).
- Understand the key motivations for issuers and investors in the ILS market.
- Structure and price a catastrophe bond from start to finish.
- Grasp the role of actuarial science and risk modeling in the ILS market.
- Navigate the legal and regulatory landscape of ILS transactions.
- Analyze the risk and return characteristics of cat bonds.
- Evaluate the role of third-party vendors and model providers.
- Explore emerging trends, including parametric triggers and ESG integration.



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04 Module Topics

Module 1: Introduction to Risk Transfer and ILS

Module 2: The Mechanics of Catastrophe Bonds

Module 3: Pricing and Valuation of ILS

Module 4: Risk Modeling and Actuarial Science

Module 5: Legal and Regulatory Framework

Module 6: Underwriting and Due Diligence

Module 7: Credit Rating and Investor Analysis

Module 8: Parametric and Trigger-Based Transactions

Module 9: Trading and Secondary Market

Module 10: Other Forms of ILS

Module 11: Hedging and Risk Management

Module 12: Emerging Trends and ESG Integration

Module 13: Investor Perspective and Portfolio Construction

Module 14: Case Studies in ILS Transactions