Datastat Research
Building Capacity in Training and Research

DATASTAT TRAINING IN

OFFICIAL COURSE PROSPECTUS

Center for Advanced Research & Professional Development

Nairobi Training Center • Global Virtual Academy • Corporate On-Site

ACCOUNTING AND FINANCE

Climate-Related Financial Risk Assessment and Management Training Course

Comprehensive Course Syllabus, Practical Modules & Upcoming Schedules

PROGRAM SPECIFICATIONS & HIGHLIGHTS

DURATION
10 Days Practical Hands-on

DELIVERY MODES
In-Person Class & Live Virtual

CERTIFICATION
Accredited Certificate of Completion

INTAKES / DATES
Multiple Cohort Schedules Included

PREPARED FOR:

Valued Participant

Email: training@datastatresearch.org | Issued: November 24, 2026

Academic & Professional Training Year: 2026

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Climate-Related Financial Risk Assessment and Management Training Course

Accounting and Finance • 10 Days Intensive • Accredited Certification

Course Overview

Climate-Related Financial Risk Assessment and Management Training Course provides practical knowledge and advanced methodologies for identifying, measuring, monitoring, and managing climate-related financial exposures.

Key Skills & Software Tools Covered

MS Word • Microsoft Excel • Bloomberg Terminal • and SAS Risk Management

Upcoming Training Schedules

Confirmed cohort intakes and venues. Both physical in-person classroom and live virtual online seats are available.

TRAINING DATES	LOCATION / VENUE	FORMAT / DURATION	INVESTMENT (FEE)
7 Dec 2026 – 18 Dec 2026	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
21 Dec 2026 – 1 Jan 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
4 Jan 2027 – 15 Jan 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
18 Jan 2027 – 29 Jan 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
1 Feb 2027 – 12 Feb 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
15 Feb 2027 – 26 Feb 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
1 Mar 2027 – 12 Mar 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
15 Mar 2027 – 26 Mar 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
29 Mar 2027 – 9 Apr 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
12 Apr 2027 – 23 Apr 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
26 Apr 2027 – 7 May 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
10 May 2027 – 21 May 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
24 May 2027 – 4 Jun 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
7 Jun 2027 – 18 Jun 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
21 Jun 2027 – 2 Jul 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
5 Jul 2027 – 16 Jul 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
19 Jul 2027 – 30 Jul 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
2 Aug 2027 – 13 Aug 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
16 Aug 2027 – 27 Aug 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
30 Aug 2027 – 10 Sep 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
13 Sep 2027 – 24 Sep 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
27 Sep 2027 – 8 Oct 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**

11 Oct 2027 – 22 Oct 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
25 Oct 2027 – 5 Nov 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
8 Nov 2027 – 19 Nov 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
22 Nov 2027 – 3 Dec 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
6 Dec 2027 – 17 Dec 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**

* Corporate discounts and customized cohort scheduling are available for teams of 3 or more participants.

Course Curriculum & Modules

Climate-Related Financial Risk Assessment and Management Training Course

Introduction

Climate-related financial risks are increasingly reshaping global financial markets, corporate governance, investment strategies, and regulatory frameworks. Financial institutions and businesses must understand how physical climate risks, transition risks, and climate-related opportunities influence financial performance, asset valuations, credit portfolios, insurance liabilities, and long-term financial sustainability. Climate-Related Financial Risk Assessment and Management Training Course provides practical knowledge and advanced methodologies for identifying, measuring, monitoring, and managing climate-related financial exposures. Participants will explore climate risk modelling, Environmental, Social and Governance (ESG) integration, climate scenario analysis, stress testing, carbon pricing, and climate-related financial disclosures aligned with international standards.

The course examines emerging climate finance regulations, sustainable investment practices, climate risk governance, and financial resilience strategies. Through international case studies, practical exercises, and risk assessment techniques, participants will learn to integrate climate considerations into enterprise risk management, financial planning, lending decisions, and investment portfolios. The programme also explores the implications of the Paris Agreement, International Financial Reporting Standards (IFRS) Sustainability Disclosure Standards, and Task Force on Climate-related Financial Disclosures (TCFD) recommendations. Participants will develop practical competencies for strengthening institutional resilience, improving climate risk transparency, supporting sustainable finance, and achieving long-term financial stability in an increasingly climate-conscious global economy.

Course Objectives

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

- Identify physical and transition climate-related financial risks.
- Apply advanced climate risk assessment methodologies.
- Conduct climate scenario analysis and financial stress testing.
- Evaluate climate-related credit and investment exposures.
- Integrate ESG factors into financial risk management.
- Apply IFRS S1 and IFRS S2 disclosure requirements.
- Assess climate-related market and liquidity risks.
- Develop climate risk mitigation and adaptation strategies.
- Evaluate carbon pricing and emissions-related financial impacts.
- Strengthen climate risk governance and regulatory compliance.
- Apply climate data analytics and risk modelling techniques.
- Integrate climate considerations into financial decision-making.
- Develop sustainable finance and institutional resilience frameworks.

Organizational Benefits

- Improved identification and management of climate-related financial exposures.
- Stronger financial resilience against climate-related disruptions.
- Enhanced ESG performance and sustainability reporting.
- Improved regulatory compliance and disclosure transparency.
- Better-informed lending and investment decisions.
- Reduced exposure to stranded assets and transition risks.
- Strengthened enterprise risk management frameworks.
- Improved stakeholder confidence and institutional reputation.

- Enhanced sustainable finance and investment opportunities.
- Better long-term financial planning and strategic decision-making.

Target Audiences

- Banking and financial institution executives.
- Chief Risk Officers and risk management professionals.
- Financial analysts and investment managers.
- ESG and sustainability specialists.
- Insurance and actuarial professionals.
- Corporate finance and treasury professionals.
- Regulators and financial policy professionals.
- Environmental risk consultants and auditors.

Course Duration: 10 days

Course Modules

Module 1: Fundamentals of Climate-Related Financial Risks

- Climate finance concepts and emerging global trends.
- Physical, transition and liability risks.
- Climate change impacts on financial systems.
- Climate risk transmission channels.
- Global regulatory developments.
- Case study: European Central Bank climate risk assessment.

Module 2: Physical Climate Risk Assessment

- Acute and chronic climate hazards.
- Flood, drought and extreme temperature exposures.
- Geographic and sectoral vulnerability mapping.
- Physical risk measurement methodologies.
- Asset-level climate exposure analysis.
- Case study: Pakistan floods and financial sector exposure.

Module 3: Climate Transition Risk Assessment

- Policy, technology and market transition risks.
- Carbon-intensive industry exposure.
- Regulatory changes and carbon pricing.
- Stranded assets and investment implications.
- Low-carbon transition pathways.
- Case study: European energy transition and banking exposures.

Module 4: Climate Risk Modelling and Quantification

- Climate risk modelling frameworks.
- Probability and impact assessment.
- Financial loss estimation techniques.
- Climate data analytics and predictive modelling.
- Risk sensitivity and exposure analysis.
- Case study: Bank of England climate scenario modelling.

Module 5: Climate Scenario Analysis and Stress Testing

- Climate scenario development.
- Short-term and long-term climate pathways.
- Stress testing financial portfolios.
- Scenario assumptions and sensitivity analysis.
- Financial resilience assessment.
- Case study: Network for Greening the Financial System scenarios.

Module 6: Climate-Related Credit Risk Management

- Climate impacts on borrower creditworthiness.
- Climate-sensitive credit assessment.
- Loan portfolio vulnerability analysis.
- Climate-adjusted credit scoring.
- Credit risk mitigation strategies.
- Case study: European banking sector climate credit assessments.

Module 7: Climate Market, Liquidity and Operational Risks

- Climate-driven market volatility.
- Liquidity risk transmission mechanisms.
- Operational disruptions and business continuity.
- Climate-sensitive asset valuation.
- Integrated financial risk monitoring.
- Case study: Hurricane Katrina and insurance market disruptions.

Module 8: ESG Integration and Sustainable Finance

- ESG-based financial risk assessment.
- Sustainable lending and investment principles.
- Green bonds and sustainability-linked finance.
- Climate-aligned investment strategies.
- ESG performance measurement.
- Case study: World Bank green bond initiatives.

Module 9: Climate Risk Governance and Enterprise Risk Management

- Board oversight and accountability.
- Climate risk governance structures.
- Enterprise-wide climate risk integration.
- Risk appetite and tolerance frameworks.
- Internal controls and assurance.
- Case study: TCFD governance recommendations.

Module 10: Climate-Related Financial Disclosures

- IFRS S1 and IFRS S2 requirements.
- Climate-related materiality assessment.
- Governance, strategy, risk and metrics disclosures.
- Greenhouse gas emissions reporting.
- Climate disclosure assurance.
- Case study: Corporate climate disclosures in the United Kingdom.

Module 11: Carbon Pricing and Financial Exposure

- Carbon taxes and emissions trading systems.
- Internal carbon pricing mechanisms.
- Carbon market financial implications.
- Carbon-intensive asset valuation.
- Financial planning under carbon constraints.
- Case study: European Union Emissions Trading System.

Module 12: Climate Adaptation and Financial Resilience

- Climate adaptation investment strategies.
- Financial protection mechanisms.
- Resilience planning and capital allocation.
- Climate insurance and risk transfer.

- Business continuity and recovery planning.
- Case study: Netherlands flood protection financing.

Module 13: Climate Risk Data and Technology

- Climate data sources and quality assessment.
- Geospatial climate risk analytics.
- Artificial intelligence in climate risk modelling.
- Financial risk dashboards and monitoring.
- Data governance and reporting automation.
- Case study: NASA climate data applications in risk assessment.

Module 14: Regulatory Compliance and International Frameworks

- Paris Agreement financial implications.
- Basel framework and climate-related risks.
- Network for Greening the Financial System guidance.
- International sustainability reporting standards.
- Climate finance regulatory developments.
- Case study: European Union Corporate Sustainability Reporting Directive.

Module 15: Climate Risk Strategy and Implementation

- Developing institutional climate risk policies.
- Climate risk action plans and implementation.
- Monitoring key climate risk indicators.
- Performance measurement and continuous improvement.
- Integrating climate risks into strategic planning.
- Case study: Global financial institutions implementing net-zero transition strategies.

Training Methodology

- Expert-led presentations and interactive discussions.
- Practical climate risk assessment exercises.
- International financial case studies and group analysis.
- Climate scenario modelling and stress-testing simulations.
- ESG reporting and regulatory compliance workshops.
- Group projects and institutional climate risk strategy development.

Register as a group from 3 participants for a Discount

Send us an email: info@datastatresearch.org or call +254724527104

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 DATASTAT CONSULTANCY LTD account, as indicated in the invoice so as to enable us prepare better for you.

Certification & Learning Methodology

- Hands-on practical delivery with real-world datasets, case studies, and lab exercises.
- Post-training mentorship, access to class resources, and customized follow-up support.
- Participants who successfully complete the course receive an accredited Datastat Certificate of Completion.

How to Enroll & Reserve Your Seat

1. Online Registration: Visit https://datastatresearch.org/courses/climate-related-financial-risk-assessment-and-management-training-course to register online.
2. Email Booking: Send participant details to training@datastatresearch.org for official invoice & reservation.
3. Support & Assistance: Inquire via phone +254 724 527 104 | +254 734 969 612.