

# Climate Risk Training



## KNOWLEDGE

Understand the topic, its relevance to you, and how to ask the right questions



## STRATEGIES

Best practices and leading approaches to identify, assess, and manage climate risk



## TOOLS

Clear steps and frameworks with a focus on tangible and practical outcomes

## A Masterclass in Climate Risk

### Learn how to start addressing climate as a material risk

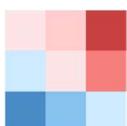
Climate change is emerging as a major corporate and financial issue; it is not a 'future problem' anymore. Climate change creates both **Physical Risk** arising from natural hazards and **Transition Risk** arising from the transition to a low-carbon economy. These risks extend to supply chains (**upstream**) as well as market changes (**downstream**). Investors and regulators, such as central banks, are taking notice and recognizing that climate change presents a systemic and material risk that is not yet fully understood. Transparency and disclosure requirements are accelerating. It is vital for organisations to act quickly to develop an understanding of what climate change means to them, and how to identify, assess and manage material financial, performance, and compliance risks.

#### Key Takeaways:

- Understand what climate risk is and how it can impact your organisation
- Identify practical approaches to identifying and assessing climate risks
- Learn about best practices for climate risk management

<b>Standardized</b>	or	<b>Bespoke</b>
Select from available modules to cover the most relevant topics to your organisation		Customize module content to your context or challenges, or we'll develop new content that meets your needs
<b>Familiarization &amp; Training</b>	or	<b>Training &amp; Deliverable-Based</b>
Focus on building awareness and basic understanding of the topic, to shape questions and next steps		Integrate practical application by completing with a tangible deliverable and forward-looking action plan
<b>In-Person</b>	or	<b>Virtual</b>
Groups of 4-20 with 2 trainers for deeper interaction and engagement (COVID dependent)		Online sessions for broader participation and flexibility; modules split into manageable live video training sessions
<b>✓ Highly Interactive</b>		<b>✓ Case Studies</b>
Engaged trainers with utilization of group work, polls, and activities throughout the training		Real-world understanding through use of tangible and current case studies relevant to the sector or organisation
<b>✓ Practical Focus</b>		<b>✓ Follow-Up Support</b>
Clear and practical tools and structures towards understanding and assessing climate risk		Each participant will have access to an individual call with a trainer to ask further questions or discuss application

All participants invited to join the CRS Climate Risk Training community for ongoing support, resources, and learning.



Climate Risk Services

Contact Us

[connect@climateriskservices.com](mailto:connect@climateriskservices.com)  
[www.climateriskservices.com](http://www.climateriskservices.com)

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## Available modules include:

Customization of standard modules or creation of bespoke modules available upon request.

### Introduction

What is climate change and why is it important to companies, investors, lenders?

- Examination of climate change and its current and future impacts
- Trends and implications within the financial markets and client industries

The Science: An Overview

Global Policy Responses

- From Kyoto to Paris: A history of climate agreements
- UNFCCC & International Panel on Climate Change (IPCC)

### Understanding Climate Risk

Qualitative Approach to Assessing Climate Change

- Transition risk “impact changes” defined
- Physical risk “impact chains” defined
- How can climate risk be quantified?

Climate Risk & Operational Risk: Business & Supply Chain Interruptions

- How can climate risk impact the operations of an asset or operation?
- Upstream and downstream risks

### Climate Data

Data Access, Collection & Management

- What are the current sources of climate data and how can they be accessed?
- Moving from data to information

### Regulatory Standards & Disclosure Trends

TCFD

- What is the TCFD & why is it important
- Overview of the recommendations and how they apply to financial institutions

EU Taxonomy

- What is the EU Taxonomy & why is it important
- Overview of the EU Taxonomy and how it applies to financial institutions and companies

ECB Guide on Climate-Related & Environmental Risks

- What is the Guide and why is it important
- Overview of ECB’s Expectations and implications for financial institutions

### Scenario Analysis

IPCC Climate Scenarios

SSP Scenarios

IEA Climate Scenarios

NGFS Climate Scenarios

### Climate Stress Testing

What to expect from regulators?

- Data requirements for stress testing
- Examples of climate stress tests (sensitivity and scenarios)

### Strategies & Approaches

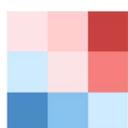
Integrating climate into risk management

- From climate risk to credit risk
- Approaches: Carbon Footprint, Green:Brown Ratios, Top-Down Heat Maps, Bottom-Up
- Strategies: Divestment & Exclusion, Active Engagement, Tilting, Factor Investing

### Wrap-Up & Action Planning

Course Review

Action-Oriented Planning



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## Meet The Trainers

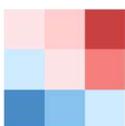


Gerhard Mulder's career in climate finance has spanned both the public and private sector, having worked in consulting in Washington DC, environmental markets on Wall Street, and for the Dutch government (Netherlands Enterprise Agency) to implement the Kyoto Protocol. In 2005 he set up the climate finance desk at ABN AMRO Bank and positioned the bank as one of the first global banks in the carbon market. In 2010 he joined a subsidiary of Rabobank International to develop an electronic trading platform for environmental commodities such as carbon credits and renewable energy certificates. In 2014 he switched back to the public sector and joined a leading non-profit (IUCN) in the Netherlands. At IUCN he advised the Netherlands government on developing financial instruments to attract private sector climate finance. Gerhard completed his MBA at the University of Oxford in 2018 with distinction. He studied environmental economics and international affairs at Columbia University in New York, and Public Policy at the University of Amsterdam.



Stephanie Gnissios' background is in heavy industry, working on both the consulting and owner/operator side. Her experience spans international project planning & delivery, portfolio management, risk management, investment assessment, and impact measurement and management. Since 2018, she has been focused on helping companies incorporate social, environmental, and climate impact factors into strategic decision-making and risk management across global project and investment portfolios. She has acted as a climate and impact advisor for startups with a focus on impact measurement and incorporation of green elements for funding and finance. Stephanie completed her Executive MBA at Oxford University in 2020 and the Oxford Impact Measurement Programme in 2019. She studied Mechanical Engineering at the University of British Columbia in Canada and is a licensed Professional Engineer and certified Professional Project Manager.

## Past Participants & Clients including:



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