

# Climate Risk & Commercial Property Valuation

## About the Course

Climate risk is an emerging topic for real estate investors. The Real Estate sector has not yet priced in climate change impacts, creating both opportunity and risk for real estate investors, developers, and operators. The Climate Risk and Commercial Property Valuation course will provide participants with an understanding of what climate risk is, how it drives valuation, and risk modelling tools in Excel to assess how climate change should impact investment strategy and decision-making.

Our approach is assessing the climate risk impact on the long-term value drivers at both the asset level and the market level. For example, at-risk markets will face higher insurance rates; lower rent growth; lower debt availability; and higher property taxes to pay for local adaptation measures. We will explore how climate risk will cause risk premiums to increase in many real estate markets; and, how asset-level valuation factors may be impacted.

## Who should attend this course?

- finance directors
- valuers
- risk managers
- sustainability experts
- investment strategists

## Learning Outcomes

- Basic understanding of what climate change is and how it presents risk to the real estate sector
- Understand what market-level climate risk is and how asset-level risk drives valuation
- Learn how to model and analyse climate risk for property investments using sensitivity, scenario analysis and simulations in Microsoft Excel
- Understand regulatory requirements relating to climate risk for Europe, including ECB Guide on Climate-Related and Environmental Risks, the EU Taxonomy, and disclosure requirements
- Understand how to incorporate climate risk into strategy, risk management, and decision-making

## Details

- **Duration:** Online: 4 days, 9am to 1pm
- **CPD Hours:** 14
- **Level:** Basic
- **Maximum number of delegates:** 12
- **Course fee:** £1,195 + VAT (Payment Plan available)
- **Next Dates:** 9-12 February 2021

Register [HERE](#), use discount code **CLIMATE10** for 10% off.



Contact Us

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## Course Content

### Module 1

#### Basic concepts of property valuation

by Cambridge Finance

- The concept of valuation
- Valuation steps
- Conventional valuation methods
- Market sentiment

### Module 2

#### How does climate change affect property valuation?

by Climate Risk Services

- What is climate change?
- Identifying risk channels
- Understanding asset-level climate risk
- Understanding market-level climate risk

### Module 3

#### Discounted Cashflow Method

By Cambridge Finance

- Setting up cash flow method using excel functions
- Present value (PV), Future Value (FV) and Discounted Cash Flows (DCF)
- Calculation of Exit Value
- Capital Value and returns calculations using Excel function

### Module 4

#### Integrating Climate Risk into DCF Model

by Climate Risk Services

- Identifying main risk drivers
- Assessing probabilities and damage curves
- Develop Monte Carlo and Bayesian probability distributions of financial impacts
- Update Risk Management Framework

## Meet The Trainers



Maria Weidner, MRICS, CFA  
Cambridge Finance



Stephanie Gniissios, Peng, MBA  
Climate Risk Services



Gerhard Mulder, MSc, MSc, MBA  
Climate Risk Services



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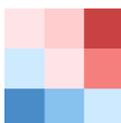
**Maria's** passion for real estate finance and particularly financial modelling is built on specialist roles in the highly quantitative fields of property derivatives, renewable energy and listed Real Estate Investment Trusts (REITs) analysis, a career path complemented by an academic grounding in real estate finance from University of Cambridge and a professional qualification as a CFA Charterholder and Member of the Royal Institution of Chartered Surveyors (RICS). With global consulting and leadership experience, Maria is an internationally recognised authority, speaker and thought-leader on the organisational benefits of best practice financial modelling and diversity in real estate. Maria is the CEO and principal trainer of Cambridge Finance, which she founded with the aim to bring top-quality real estate finance education to the property industry.

**Stephanie's** background is in project planning and execution for 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.

**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.

**Past Training Participants & Clients including:**





**Climate Risk Services**



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