



# Institute of Actuaries of India

Statutory body established under an Act of Parliament

Unit No. F-206, 2nd Floor, F Wing, Tower II, Seawoods Grand Central,  
Plot no R-1, Sector 40, Nerul Road, Navi Mumbai - 400706  
+91 22 6243 3333 +91 22 6243 3322

24<sup>th</sup> August 2022

## 7<sup>th</sup> Webinar on Banking, Finance and Investments

The Institute of Actuaries of India (IAI) is pleased to announce 7<sup>th</sup> Webinar on Banking, Finance and Investment hosted by the Advisory Group on Banking, Finance and Investments.

Date: 24 September 2022, Saturday

Time: 3:30 pm to 5:30 pm, IST

Topic: Panel discussion on climate risk management: Current state and potential impact on the banking, financial and insurance system

### Objective:

As the surface temperature of earth continues to rise at a record pace, the global banking, financial and insurance system is faced with a significant challenge to measure, manage and monitor climate-related financial risks that could have long-term ramifications on underlying business models and lead to a paradigm shift in enterprise risk management.

*"Climate-related financial risks refer to the set of potential risks that may result from climate change and that could potentially impact the safety and soundness of individual financial institutions and have broader financial stability implications for the banking and financial system. - Basel Committee on Banking Supervision (BCBS)*

The objective of this panel discussion will be to gain foundational insights from practitioners across the globe on current state of climate risk management and discuss its potential impact on the banking, financial and insurance industry covering the following aspects:

- Definition of climate risk and related drivers for financial institutions
- Current state of climate risk management across US, UK, Europe, South-Africa and India
- Potential impact of transitioning into a green economy on financial institutions
- Overview of methodologies and techniques used for climate risk measurement and modelling
- On-ground challenges faced by financial institutions to measure and manage climate risk
- Capital requirements and considerations for climate risk
- Correlation between climate risk and other risks within financial institutions
- Climate risk related reporting and disclosure requirements
- Role of actuaries in climate risk management



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**Target Audience:** Qualified actuaries, risk management professionals, student members and other banking, insurance, and finance professionals interested to know more about foundational aspects of climate risk and its impact on the banking, financial and insurance industry.

## Speaker Details:

### Iain Allan:

After qualifying as an actuary, Iain Allan has spent most of his career in banking. He was Group Director, Strategy at RBS (now known as NatWest), where he was involved in business activities across the group, including acquisitions and joint ventures. More recently, he has worked as an independent consultant in banking, helping various new entrants to banking with their capital adequacy assessments. From this work, Iain is interested in the possible impact of financial risks from climate change on bank's business strategies, risk appetite statements and capital requirements/buffers.

Iain Allan is an Honorary Visiting Professor in the Faculty of Actuarial Science and Insurance at Bayes Business School (formerly Cass), City, University of London.

### Lawrence Habahbeh:

Lawrence Habahbeh is the director of Tawq ALMakhter (HedgeGenomics) for quantitative and strategic risk consulting. He is a risk specialist in enterprise risk management, traded Market and Counterparty risk, and climate risk modelling. Lawrence is a member of the IFoA's Risk Management Board and chairs the Black Swans Insurance Working party. In addition, he leads the Climate and Sustainability working group research work stream, focusing on Integrating Environmental, Social, and Governance (ESG) factors into risk frameworks and long-term climate risk scenarios. Lawrence has multiple publications and presents regularly at industry events.

### Nicky Holtzhausen:

Nicky Holtzhausen is a qualified Actuary (Institute and Faculty of Actuaries, UK) and is based in South Africa. She has worked across various areas such as life insurance, pension funds and investments. Since 2018 she has conducted research on topics such as climate change, emerging economic paradigms, banking, central banking, and currency. She has been a part of the climate risk working group of the Institute and Faculty of Actuaries (IFoA).

### Shubham Mehta:

Shubham is a part-qualified actuary based in New Delhi. He started his career in life insurance and reinsurance analytics, followed by a role in the pricing and catastrophic modelling function for a general insurance business. He currently works at Barclays in Climate Risk and Model Risk Management,



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where he focuses on quantification of carbon emissions, scenario analysis and stress testing, carbon pricing, physical risk modelling and transition risk modelling.

He is the deputy chair of the Education workstream in IFoA's Banking community leadership team and has been involved in the setting up of a pilot Banking Online Community. He is also a member of the IFoA's Sustainability board's Effect of climate change on long-term real interest rates working party and carbon pricing working party.

## Yash Ratanpal (Moderator):

Yash is a qualified Actuary (CERA) who has worked as a consultant with several banks and financial intuitions across Americas, EMEA and Asia-Pacific. He has worked extensively in areas such as enterprise risk management, quantitative modelling, asset-liability management, capital adequacy, and financial technology. He is a director and one of the founding members at Acies - a technology and consulting firm based out of Mumbai having a global presence spanning across 5 countries. Prior to Acies, he was working as a risk consultant at Deloitte India.

He is currently serving as Deputy chair of the banking community leadership team - Institute and Faculty of Actuaries (IFOA, UK) and committee member of the Advisory group on banking, finance & investments (AGBFI) - Institute of Actuaries of India (IAI).

## Program Schedule:

SNo	Sessions	Speaker	Time
1	Introductory Address	Phanesh Modukuru, Chairperson, AGBFI Chinnaraja Pandian, Secretary AGBFI	3:30 pm - 3:40 pm
2	Presidential Address	President, IAI	3:40 pm - 3:45 pm
2	Panel discussion on climate risk management	<b><u>Speakers:</u></b> Iain Allan Lawrence Hababbeh Nicky Holtzhausen Shubham Mehta  <b><u>Moderator:</u></b> Yash Ratanpal	3:45 pm - 5:10 pm
4		Q&A	5:10 pm - 5:25 pm
5		Closing Remarks & CPD Questions	5:25 pm - 5:30 pm



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## Registration fees excluding GST (INR)

IAI Students & Associates	IAI Affiliates & Fellows	Non Members
750	1000	1000

Registration link: <https://bit.ly/3R84faU>

CPD Credit: as per APS9 (Version 4): 2 hrs (Technical - Any one practice Area)

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