

## **Analysis to Action: Disaster Risk Financing and Financial Protection**

**An Executive Education Program in collaboration with the Cambridge  
Institute for Sustainability Leadership and the World Bank Group**

**16 – 20 July 2018**

**Madingley Hall, Cambridge**

## **Delegate Program**

# About the Organizations



The **University of Cambridge Institute for Sustainability Leadership (CISL)** has nearly 30 years of experience in working with senior executives to help them respond effectively to global challenges. We offer a variety of education programs that share a distinctive approach to learning, focused on supporting the development of solutions which work for individual participants, their organization and the wider system. We also convene industry groups from key sectors, such as insurance, banking and asset management, to develop tangible solutions to emerging risks and opportunities.



The **Centre for Global Disaster Protection** brings developing countries together with partners including the UK Government, the World Bank, civil society and the private sector with the shared goal of enhancing financial resilience to climate and disasters, enabling sustainable economic development and protecting the lives and livelihoods of vulnerable people.

## Disaster Risk Financing & Insurance Program



The **World Bank’s Group Disaster Risk Financing and Insurance Program (DRFIP)** helps developing countries manage the potentially high cost from disasters and climate shocks. DRFIP provides analytical and advisory services, convening services, and financial services to over 60 countries worldwide to support the development and implementation of comprehensive financial protection strategies against climate and disaster risks.

The program is delivered with support from:



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# Program Agenda

Monday 16 July 2018

## Setting the Context - The Case for Disaster Risk Financing (DRF)

**Aim:** To develop a common understanding of the impact of natural disasters on Ministries of Finance and budgets, and to refresh on the fundamentals of public finance and insurance as they relate to disasters.

Time	Session	Room
07.30 – 08.30	<b>Delegate breakfast</b>	Dining Hall
08.30 – 09.00	<b>Delegate registration</b>	Gallery
09.00 – 10.00	<p><b>1.1 Welcome to Cambridge, introductions and course overview</b></p> <p><i>Aim: To welcome delegates to Cambridge, give a brief introduction to CISL and format of the day ahead.</i></p> <p><b>Contributors:</b></p> <ul style="list-style-type: none"> <li>• Alice Spencer, Program Manager, CISL</li> <li>• Dr Olivier Mahul, Global Lead, Disaster Risk Finance, World Bank</li> </ul>	Saloon
10.00 – 10.15	<p><b>1.2 Why DRF matters - a sustainable development perspective</b></p> <p><i>Aim: To contextualise how resilience to natural disasters fits within the broader sustainable development agenda in CISL’s view.</i></p> <p><b>Contributor:</b> Andrew Voysey, Director Sustainable Finance, CISL</p>	Saloon
10.15 – 11.15	<p><b>1.3 Understanding the changing nature of risk and resilience</b></p> <p><i>Aim: to establish a shared understanding of natural disaster risk, how it is changing globally and key lessons for resilience.</i></p> <p><b>Contributor:</b> Dr Robert Muir-Wood, Chief Research Officer, Risk Management Solutions; author <i>The cure for catastrophes</i></p>	Saloon
11.15 – 11.30	<b>Refreshment break</b>	Gallery
11.30 - 12.40	<p><b>1.4 Natural disasters: case studies of the challenges faced by financial decision makers</b></p> <p><i>Aim: To use case studies to illustrate the impacts of disasters on government budgets and on Ministries of Finance specifically, as well as the role of Ministries of Finance before and after disasters.</i></p> <p><b>Contributors:</b></p> <ul style="list-style-type: none"> <li>• Salvador Perez, Former Deputy General Director of Risk Management, Mexican Ministry of Finance</li> <li>• Marija Bijelic, Senior Financial Advisor, Public Investment Management Office, Serbia</li> <li>• Lesley Jeanne Yu Cordero, Senior Disaster Risk Management Specialist, World Bank Philippines</li> </ul>	Saloon



Time	Session	Room
12.40 – 13.40	<b>Lunch</b>	Dining Hall
13.40 – 14.10	<p><b>1.5 Navigating the political economy</b></p> <p><i>Aim: To unpack the impact of the political economy on decision-making processes around disasters.</i></p> <p><b>Contributor:</b> Richard Calland, CISL Faculty</p>	Saloon
14.10 – 15.10	<p><b>1.6 Deep Dive: Public finance management and insurance as they relate to disasters</b></p> <p><i>Aim: To provide a solid grounding in what to expect from good public finance management and insurance solutions and how these expectations can align with core principles of DRF.</i></p> <p><b>Contributors:</b></p> <ul style="list-style-type: none"> <li>• Colin Wilson, Deputy Government Actuary, UK Government</li> <li>• Sam Medlock, SVP at Willis Towers Watson and former Senior Advisor for the White House</li> </ul>	Saloon
15.10 – 15.30	<b>Refreshment break</b>	Gallery
15.30 – 16.30	<p><b>1.7 Syndicate group</b></p> <p><i>Aim: To reflect on the learnings from the day with a focus on the priorities that delegates have identified for action in their own context.</i></p> <p><b>Chair:</b> Faculty team members</p>	Breakout rooms
16.30 – 17.30	<p><b>1.8 Group activity – visualising country contexts</b></p> <p><i>Aim: To provide delegates with an opportunity to describe their country contexts, challenges and experiences to their peers.</i></p> <p><b>Chair:</b> Alice Spencer, CISL</p>	Saloon
17.30 – 18.00	<p><b>1.9 Reflection</b></p> <p><i>Aim: To reflect on the day and collate feedback.</i></p> <p><b>Chair:</b> Alice Spencer, CISL</p>	Saloon
18.00 – 18.30	<b>Free time</b>	
18.30 – 19.30	<p><b>1.10 Pre-dinner talk: Lessons from the frontline, the role of the media</b></p> <p><i>Aim: To highlight the role of the media in raising awareness of disasters, before and after they strike.</i></p> <p><b>Contributor:</b> Dan McDougall, award winning International Journalist</p>	Hickson Room
19.30 – 21.00	<b>Dinner</b>	Dining Hall

## Tuesday 17 July 2018

### Understanding the value chain: advocating for DRF

**Aim:** To recap on the fundamentals of DRF and the key arguments around deploying DRF schemes, map key stakeholders for DRF reforms in delegates' own context, and equip delegates with skills to develop a convincing narrative about the importance of DRF through storytelling techniques.

Time	Session	Room
07.30 – 08.30	<b>Delegate breakfast</b>	Dining Hall
08.30 – 09.00	<p><b>2.1 Introduction to the day</b></p> <p><i>Aim: To recap on the main messages from Day 1 and to present the program for Day 2.</i></p> <p><b>Chair:</b> Alice Spencer, CISL</p>	Saloon
09.00 – 10.15	<p><b>2.2 The fundamentals of DRF and financial instruments</b></p> <p><i>Aim: To recap on the World Bank's four core principles of DRF and the range of financing instruments available to governments.</i></p> <p><b>Contributors:</b></p> <ul style="list-style-type: none"> <li>• Benedikt Lukas Signer, Senior Financial Sector Specialist, Disaster Risk Finance and Insurance Program, World Bank</li> <li>• Kaavya Krishna, Operations Officer, Disaster Risk Financing and Insurance Program, World Bank</li> </ul>	Saloon
10.15 – 10.30	<b>Refreshment break</b>	Gallery
10.30 – 11.30	<p><b>2.3 The fundamentals of DRF: group activity</b></p> <p><i>Aim: To engage personally and more deeply with the content from the previous session, focussing on delegate views about how the four core principles materialize for different stakeholders in their contexts.</i></p> <p><b>Chair:</b> Faculty team member &amp; keynote from previous session</p>	Saloon
11.30 – 12.30	<p><b>2.4 Navigating trade-offs for effective DRF policy making</b></p> <p><i>Aim: To equip delegates with insights as to the sort of trade-offs national authorities must navigate when establishing DRF schemes.</i></p> <p><b>Contributor:</b> Professor Paula Jarzabkowski, Professor of Strategic Management, Cass Business School, City, University of London</p>	Saloon
12.30 – 13.30	<b>Lunch</b>	Dining Hall
13.30 – 14.45	<p><b>2.5 Understanding stakeholders in your country</b></p> <p><i>Aim: To understand the key internal and external stakeholders to influence in decision making about DRF in delegates' own country.</i></p> <p><b>Contributor:</b> Zoë Arden, CISL Faculty</p>	Saloon
14.45 – 15.00	<b>Refreshment break</b>	Gallery

Time	Session	Room
15.00 – 16.00	<p><b>2.6 Storytelling and communication</b></p> <p><i>Aim: This session is designed to help delegates build a powerful story to communicate the value of DRF to the important stakeholders they identified earlier.</i></p> <p><b>Contributor:</b> Zoë Arden, CISL Faculty</p>	Saloon
16.00 – 17.00	<p><b>2.7 Syndicate Group</b></p> <p><i>Aim: Refine understanding of the key challenges delegates face in persuading their priority stakeholders of the value of new action on DRF and how those challenges might be addressed.</i></p> <p><b>Chair:</b> Faculty team members</p>	Breakout Rooms
17.00 – 17.30	<p><b>2.8 Reflection</b></p> <p><i>Aim: To reflect on the day and collate feedback in plenary</i></p> <p><b>Chair:</b> Alice Spencer, CISL</p>	Saloon
17.30 - 18.00	<b>Free time</b>	
18.00 – 18.45	<b>Transfer to Cambridge for punting trip</b>	Coach transfer
18.45 – 19.30	<b>Punting on the River Cam</b>	Punting
19.30 – 22.00	<b>Dinner</b>	The Varsity Hotel
22.00	<b>Transfer back to Madingley Hall</b>	Coach transfer

## Wednesday 18 July 2018

### Putting DRF into practice: using data and financial instruments

**Aim:** Understand a range of applications of DRF and the real world benefits of data and analytics in developing DRF instruments in different contexts.

Time	Session	Room
07.30 – 08.30	<b>Delegate breakfast</b>	Dining Hall
08.30 – 09.00	<p><b>3.1 Introduction to the day</b></p> <p><i>Aim: To recap on the main messages from Day 2 and to present the program for Day 3.</i></p> <p><b>Chair:</b> Alice Spencer, CISL</p>	Saloon
09.00 – 09.30	<p><b>3.2 The use of data in DRF – a brief overview</b></p> <p><i>Aim: To provide an overview of the different types of data used in DRF in preparation for the next session.</i></p> <p><b>Contributor:</b> Richard Poulter, Senior Disaster Risk Financing Consultant, World Bank</p>	Saloon
09.30 – 11.00	<p><b>3.3 Using data to put financial instruments into practice – case studies from around the world</b></p> <p><i>Aim: To provide practical insights into how DRF instruments are being deployed in a range of contexts around the world and how they are making use of available data.</i></p> <p><b>Contributors:</b></p> <ol style="list-style-type: none"> <li><b>Cat bond perspective</b> Salvador Perez, Former Deputy General Director of Risk Management, Mexican Ministry of Finance</li> <li><b>Contingent credit perspective</b> Marija Bijelic, Senior Financial Advisor, Public Investment Management Office, Serbia</li> <li><b>Parametric insurance and risk pools</b> Richard Poulter, Senior Disaster Risk Financing Consultant, World Bank and Lesley Jeanne Yu Cordero, Senior Disaster Risk Management Specialist, World Bank Philippines</li> </ol>	Saloon
11.00 – 11.30	<b>Refreshment break and networking</b>	Gallery
11.30 – 13.00	<p><b>3.4 Novel data and analytics</b></p> <p><i>Aim: To look at different types of data and remote sensing with a view to understanding what is available and what will become available in the future to assist in effective DRF.</i></p> <p><b>Contributors:</b></p> <ul style="list-style-type: none"> <li>Stephen Coulson, Head of Sustainable Initiatives Office, European Space Agency</li> <li>Dr Emily Shuckburgh, Head of Polar Oceans, British Antarctic Survey</li> </ul>	Saloon



Time	Session	Room
13.00 – 14.00	<b>Lunch</b>	Dining Hall
14.00 – 15.00	<p><b>3.5 Post disaster resource allocation – peer perspectives</b></p> <p><i>Aim: To understand some of the challenges and practices relating to the disbursement of disaster-related expenditure after an event, and what barriers might be encountered when progressing plans.</i></p> <p><b>Contributors:</b></p> <ol style="list-style-type: none"> <li><b>Social safety nets in Uganda</b> Kaavya Krishna, Operations Officer, Disaster Risk Financing and Insurance Program, World Bank</li> <li><b>Emergency procurement in Mexico</b> Salvador Perez, Former Deputy General Director of Risk Management, Mexican Ministry of Finance</li> </ol>	Saloon
15.00 – 15.30	<b>Refreshment break and networking</b>	Gallery
15.30 – 16.30	<p><b>3.6 Syndicate group</b></p> <p><i>Aim: Reflect on the learnings from the day with a focus on the priorities that delegates have identified for action in their own context.</i></p> <p><b>Chair:</b> Faculty team members</p>	Breakout rooms
16.30 – 17.00	<p><b>3.7 Reflection</b></p> <p><i>Aim: To reflect on the day and collate feedback in plenary</i></p> <p><b>Chair:</b> Alice Spencer, CISL</p>	Saloon
17.00 – 18.30	<b>Free Time</b>	
18.30 – 19.00	<b>Transfer to Peterhouse</b>	Coach transfer
19.00 – 19.30	<b>Pre-dinner drinks reception</b>	Gardens, Peterhouse
19.30 – 21.45	<p><b>Gala Dinner</b></p> <p><b>Pre-dinner talk by:</b> Dimitri Zenghelis, Visiting Research Fellow, London School of Economics</p> <p><i>Delegates will have option to visit a historical British pub afterwards</i></p>	Combination Room, Peterhouse
21.45	<b>Transfer to Madingley Hall</b>	Coach transfer

## Thursday 19 July 2018

### Maximizing value through partnerships and creating an inclusive action plan

**Aim:** To improve delegates' capabilities for engaging the private and humanitarian sectors, receive peer support in addressing key challenges for implementing action plans and agree how the World Bank can continue to support them in their implementation journey.

Time	Session	Room
07.30 – 08.30	<b>Delegate breakfast</b>	Dining Hall
08.30 – 09.00	<p><b>4.1 Introduction to the day</b></p> <p><i>Aim: To recap on the main messages from Day 3 and to present the program for Day 4.</i></p> <p><b>Chair:</b> Alice Spencer, CISL</p>	Saloon
09.00 – 09.30	<p><b>4.2 Procurement of risk transfer</b></p> <p><i>Aim: To equip delegates with a deeper understanding of the key challenges faced by governments globally when engaging the private sector to procure risk transfer services.</i></p> <p><b>Contributor:</b> Evie Calcutt, Actuary at Government Actuary's Department</p>	Saloon
09.30 – 10.20	<p><b>4.3 Maximizing value from the private sector I</b></p> <p><i>Aim: To clarify the role insurance industry sectors play and how they can help governments design a more effective and affordable disaster risk financing and disaster risk management strategies.</i></p> <p><b>Contributors:</b></p> <ul style="list-style-type: none"> <li>• Greg Lowe, Global Head of Resilience and Sustainability at Aon</li> <li>• Dr Benjamin Antwi-Boasiako, Allianz Climate Solutions</li> <li>• Dickie Whitaker, Chief Executive, Oasis Loss Modelling Framework</li> </ul>	Saloon
10.20 – 10.30	<b>Refreshment break</b>	Gallery
10.30 – 11.30	<p><b>4.4 Maximizing value from the private sector II</b></p> <p><i>Aim: Continued as above</i></p> <p><b>Contributors:</b> Group exercise and discussion</p>	Saloon
11.30 - 12.30	<p><b>4.5 Working with the humanitarian sector</b></p> <p><i>Aim: To deepen understanding of how best to engage with the humanitarian sector in the context of disaster risk management.</i></p> <p><b>Contributors:</b></p> <ul style="list-style-type: none"> <li>• Paul Harvey, Partner, Humanitarian Outcomes</li> <li>• Catalina Jaime, Forecast-based Financing coordinator, Climate Centre</li> </ul>	Saloon
12.30 - 13.30	<b>Lunch</b>	Dining Hall

Time	Session	Room
13.30 - 14.30	<p><b>4.6 Peer group problem solving</b></p> <p><i>Aim: To facilitate peer dialogue on key topics/challenges, nominated by participants, which are relevant to their roles.</i></p> <p><b>Chair:</b> Richard Burrett, CISL Faculty</p>	Saloon
14.30 - 15.30	<p><b>4.7 Syndicate group</b></p> <p><i>Aim: Provide delegates an opportunity to practice their action plan narrative/business case for action and receive feedback.</i></p> <p><b>Chair:</b> Faculty team members</p>	Breakout rooms
15.30 - 15.45	<b>Refreshment break and networking</b>	Gallery
15.45 - 16.15	<p><b>4.8 Reflection</b></p> <p><i>Aim: To reflect on the day and collate feedback in plenary</i></p> <p><b>Chair:</b> Alice Spencer, CISL</p>	Saloon
16.15 - 16.45	<p><b>4.9 Next steps and growing a network</b></p> <p><i>Aim: To summarize key reflections and commitments to action from throughout the week, and determine what delegates may need in the future from the World Bank and each other to maintain a network.</i></p> <p><b>Chair:</b> Richard Calland, Faculty</p>	Saloon
16.45 - 17.30	<b>4.10 Certificate ceremony and close CISL program</b>	Saloon
17.30 - 18.30	<b>Free time</b>	
18.30 onwards	<b>Barbecue in grounds of Madingley Hall</b>	Gardens

## Friday 20 July 2018

### 'Office Hours' and Lloyd's Visit

**Aim:** To provide a final opportunity for delegates to discuss their priority issues identified throughout the program with different experts, before travelling to Lloyd's.

Time	Session	Room
07.30-09.00	<b>Delegate breakfast</b>	Dining Hall
09.00 – 10.30	<p><b>5.1 Open office hours with World Bank Disaster Risk Financing Technical Team</b></p> <p><i>Aim: To provide an opportunity for delegates to develop and practice narratives.</i></p>	Saloon
10.30 - 10.45	<p><b>Refreshment break</b></p> <p><i>Please ensure final check-out of accommodation</i></p>	Gallery
10.30 – 12.30	<p><b>5.2 Open office hours with World Bank Disaster Risk Financing Technical Team</b></p> <p><i>Aim: Problem solving and an opportunity to resolve any unmet issues with peers and experts</i></p>	Saloon
12.30 – 14.30	<b>Depart Madingley for Lloyd's of London</b>	Coach transfer
14.30 – 17.30	Separate agenda provided by DFID	Lloyd's of London

## CISL team biographies



**Paul Begley, Programme Director, University of Cambridge Institute for Sustainability Leadership**

Paul leads CISL's customised programmes portfolio. Since joining in August 2011, he has designed programmes to help organisations such as Arup, the African Development Bank, Standard Chartered and Tata to extract commercial value from the changing context. Paul has overseen the internationalisation of the portfolio and has delivered programmes in Brazil, India and Singapore. Prior to CISL, Paul worked at the think-tank AccountAbility where he provided research and advice for clients such as the European Commission, Microsoft and State Grid. Paul is a competitive cyclist and has run five marathons and an ultramarathon.

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**Lucy Bigam, Senior Project Manager, University of Cambridge Institute for Sustainability Leadership**

Lucy has been at the Cambridge Institute for Sustainability Leadership for eight years and has focused her work on delivering executive education programmes for a range of individual clients. Lucy is a geographer by background and obtained her BA Hons degree from the University of Birmingham. She has over fifteen years of experience working in sustainability leadership and her experience also falls in the rural and economic development fields where she has worked on numerous European-funded projects.

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**Dr Leila Coupe, Senior Project Manager, University of Cambridge Institute for Sustainability Leadership**

Leila manages a wide portfolio of UK and international projects for the Executive Programmes team. Leila has worked with CISL for the last ten years as a project manager on customised leadership programmes with clients such as the World Bank and African Development Bank, on CISL's flagship Prince of Wales's Business and Sustainability Programme, and with former Vice-President Al Gore on a climate training programme for senior executives. Leila is a former medical doctor and also leads on employee wellbeing initiatives within CISL.

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**Dr Tom Herbstein, Senior Programme Manager, University of Cambridge Institute for Sustainability Leadership**

Tom specialises in finance and environmental change. He currently manages the ClimateWise initiative in the Sustainable Finance team. ClimateWise is a collaborative partnership co-ordinating the response to environmental change by the global insurance industry.

Tom joined CISL in 2015. Prior to that he was a Senior Research Coordinator at the Centre of Criminology at the University of Cape Town, South Africa, where he ran projects around environmental security with regard to the finance and natural resource sectors. He completed a PhD exploring the relationship between the global insurance industry and environmental change. Tom has a BSc in Oceanography & Climatology and an MPhil in International Environmental Law.

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**Alice Spencer, Programme Manager, University of Cambridge Institute for Sustainability Leadership**

Alice joined CISL's Executive Education Team in February 2017 following several years working in Australia and New Zealand in Regional Government, Not-for-Profit and Corporate roles. Most recently, Alice led a project for Environment Canterbury Regional Council developing new legislation for several South Canterbury rivers in New Zealand, working closely with a diverse range of stakeholders. Prior to that, Alice wrote the Natural Resource Management Plan for Mackay, Whitsunday and Isaac adjacent to the Great Barrier Reef in Queensland, Australia.

Her interest in agriculture stems from working to integrate environmental projects as part of operations across several large cattle stations in the Northern Territory, Australia. At CISL, Alice's focus is developing and delivering customised executive education programmes. She is also responsible for the Cambridge Earth on Board programme, which equips non-executive directors in effectively carrying out their fiduciary responsibility in relation to sustainability trends. Alice holds an MA in Geography from The University of Edinburgh.



**Bianca Voicu, Project Co-ordinator, University of Cambridge Institute for Sustainability Leadership**

Before joining the Cambridge Institute for Sustainability Leadership in December 2017, Bianca graduated from the MPhil in Development Studies, at University of Cambridge. Prior to this, she was an education counsellor for Romanian students who wanted to pursue their studies abroad. Bianca also holds a BA in Politics, Philosophy and Economics from University of York.

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## Faculty biographies



**Zoë Arden, Associate Director, University of Cambridge Institute for Sustainability Leadership and SustainAbility**

Zoë is associate director at the University of Cambridge Institute for Sustainability Leadership (CISL) and at the advisory firm SustainAbility. Zoë has specialised for the past decade in sustainability communications and stakeholder engagement, having spent the first half of her career as managing director of global comms firms such as Weber Shandwick and Golin. She works with change agents in business to build compelling narratives and strategic activities that drive change.

Previously, Zoë was director of communications and sustainability at BT Retail, where she developed the sustainability strategy, working closely with the board, as well as product, customer service and operations teams. She was the CEO's representative on the pan-BT Environment and Climate Change Taskforce contributing to broader group strategy and engagement action plans.



At SustainAbility, Zoë worked with many global businesses such as Barclays, Nestlé and Stanley Black & Decker. She has also led research initiatives including how to embed sustainability, and the role of the ICT sector in contributing to the SDGs. For CISL, she recently authored new research on the role of L&D and HR functions in helping to build leaders for long-term business performance.

She is a board trustee of Hubbub, which focuses on community behaviour change and board trustee at BioRegional, which created the One Planet Living concept and BedZed. At CISL, she teaches storytelling on the graduate programmes and has an honorary role as global ambassador. She has a Masters in Sustainability Leadership from Cambridge.



**Richard Burrett, Fellow, University of Cambridge Institute for Sustainability Leadership**

Richard Burrett is a Partner at Earth Capital Partners – a company specialising in providing advice on investments that address the challenges of sustainable development. Richard has spent over 30 years involved in international finance. In his 20 years with ABN AMRO he developed extensive experience of project and structured finance, particularly in the energy and infrastructure sectors. In the role of Global Head of Project Finance he was also instrumental in the creation of the Equator Principles, a market recognised standard for managing environmental and social risk issues in project financing. Latterly, as Global Head of Sustainability, he chaired the group’s Sustainability Council and developed the bank’s strategy on climate change and the carbon markets.

Richard is a Fellow of the University of Cambridge Institute for Sustainability Leadership and Senior Adviser to the Earth Security Group. He is a FMO nominated non-Exec Board Director of Union Bank of Nigeria and has been Co-Chair of the UNEP Financial Initiative. He is also a Board Member of Forest Trends – a Washington based not for profit organisation focused on market-based approaches to conservation. He holds a BA in Modern Languages and a MBA, both from Durham University.



**Professor Richard Calland, Fellow, University of Cambridge Institute for Sustainability Leadership**

Richard has thirty years of experience in law, politics and sustainability. As a member of the London Bar he practiced law for seven years before coming to South Africa in 1994, where he is now based at the University of Cape Town (UCT) as an Associate Professor in Public Law and as a part of the academic leadership of its SDG initiative. In the field of sustainability strategy, he is a Fellow of CISL and as such has served as a member of faculty on numerous leadership programmes for organisations such as the African Development Bank, PWC, Network Rail, , Tata, Anglo Platinum and Nedbank. In addition, he is the co-director of the African Climate Finance Hub – the only African-based organisation with a specialist track record of working with governmental and development partners on climate finance in Africa.

Richard is a long-time retained consultant to Massmart, Africa’s largest retailer that was acquired by Walmart in 2012, advising on issues of politics and governance, as well as providing regular briefings to the investment community. He is a Founding Partner of The Paternoster Group: African

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Political Insight, whose past and present clients include Citadel, RCL Foods, ExxonMobil, CitiBank, Merrill Lynch Bank of America and Anglo American PLC. As a specialist in Freedom of Information he currently serves as a member of the World Bank's Independent Access to Information Appeals Board, while as an expert consultant for the Carter Center in the early 2000s he advised the governments of Mali, Jamaica, Peru, Nicaragua and Bolivia on transparency reform.



**Vanessa Otto-Mentz, Senior Associate, University of Cambridge Institute for Sustainability Leadership**

Vanessa is responsible for Santam's strategy process from intelligence gathering through to strategic dialogue and decision-making with Santam's executives and its board. This includes a strategic coordination role for Santam in the arena of ESG and Corporate Sustainability. Vanessa started her career with PricewaterhouseCoopers in 1989 and held various positions from senior audit manager in East London and Cape Town, to senior manager for Strategic Risk Services in the London office. She left the firm in 2003 as Associate Director, Global Risk Management Solutions to join Santam as Head: Audit, Forensics and Risk.



**Andrew Voysey, Director Sustainable Finance, University of Cambridge Institute for Sustainability Leadership**

Andrew's work with financial institutions has ranged from engagements with Boards to embed environmental issues in organisational strategy to product innovation that delivers preferential financing terms for the trade of sustainable agricultural commodities. He has led pioneering market-based collaborations on financial regulation and, most recently, harnessing fintech to direct capital towards truly sustainable business models. To support systemic change, Andrew is a strategic advisor across the boundaries between finance, business, government and academia. He has led the Cambridge team serving as Knowledge Partner to the G20 Ministries of Finance and Central Banks in their work on greening the financial system. Andrew's work has been grounded in many development contexts, from Indonesia to China to the United States. He is regularly invited to speak about sustainable finance trends and practices at industry events and is turned to for expert commentary in the media by, amongst others, the Financial Times, the BBC, Bloomberg and China Dialogue.

Prior to CISL, Andrew worked on climate change strategy at RSA Insurance Group and on the role of business in society at the UK Government's Department for Business. He began his career as Head of Research and Editorial for an intelligence and strategy firm advising cities worldwide on development pathways. Andrew is a member of a number of government, business and finance sector advisory groups such as the Natural Capital Finance Alliance and the Network for Sustainable Financial Markets. He holds a BA in Geography from the University of Oxford and a Masters in Leadership for Sustainable Development.

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## Support team and additional guests



**Kaavya Ashok Krishna, Operations officer, World Bank Group**

Kaavya Ashok Krishna leads capacity building, knowledge exchange and communications for the Disaster Risk Financing and Insurance Program. Kaavya launched the Disaster Risk Financing (DRF) Training initiative which has trained over 2500 clients from 50+ countries in the Fundamentals of DRF, DRF Analytics and DRF for Shock Responsive Social Safety Nets. She has previously worked in leadership development and marketing roles at The United Nations, Warner Bros Media, The Indian Express, Sify and Ogilvy and Mather. She holds a bachelor's degree in Communications from the University of Madras, a Master's degree in Technology, and Learning from Harvard University.

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**Matt Bassford, Executive Director, Vedette Consulting**

Matt Bassford has over fifteen years' senior-level experience in both public and private sectors. He has an international track record across Europe, Africa and the Americas including oversight and evaluation of major programmes; strategy consulting; and operational delivery. He is currently working as a consultant with the Global Centre for Disaster Protection. Matt is an executive director at Vedette Consulting where he leads consulting work on strategy, technology and economics. Previously he was a senior corporate director for the Falkland Islands Government and a research group director at the RAND Corporation. His recent assignments include formulation of a long-term strategy for telecommunications provision to a remote island in the Indian Ocean; external assurance of a probabilistic cost and risk model for a €10 billion technology programme in Scandinavia; and evaluation of the effectiveness of an open-source data analytics service provided to the UK Government. Matt has experience of a range of qualitative and quantitative research methods. He has a PhD in atmospheric science and an MBA from Imperial College London.

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**Peter Bentley, Advisor, Financial Sector Team, Department for International Development**

Peter Bentley has worked at the UK Department for International Development in private sector development for the past 3 years. Prior to this, he worked for Save the Children, working in humanitarian response and operations, with a focus on East Africa. He began his career in the UK civil service working in procurement, with small and medium enterprises. Peter has a degree in Politics and Philosophy, and an MSc in Development Management, focusing on disaster risk financing.

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**Mrityunjoy Das, Senior Programme Manager, BRAC, Bangladesh**

Mrityunjoy Das works in the Disaster Management and Climate Change (DMCC) Programme of BRAC as a Senior Programme Manager where he leads the innovation and implementation of climate change adaptation (CCA) and Disaster Risk Reduction (DRR) interventions. He provides technical and strategic support to mainstream DRR and CCA and also to institutionalise organisation's response to disasters and climate shocks both in terms of human and physical resources. Before joining DMCC, he worked at James P Grant School of Public Health, BRAC University in the academia on disaster and climate change. He co-coordinated and taught the 'Environmental Health and Climate Change' module in the Master of Public Health Programme and also the 'Climate Change and Health' course designed for young and mid-level professionals. He continues to contribute in different academic and executive programmes, national and international forums related to the field of climate change and disaster risk reduction. Throughout his professional career of 12 years, he has had the opportunity to work with different government and non-government entities and a diverse group of national and international experts in the field of disaster management and climate change.

Mr. Das has an MS in Disaster Management from the Faculty of Earth and Environmental Sciences, University of Dhaka. Before that, he obtained BSS Honors and MSS in International Relations from the Faculty of Social Sciences from the same university.



**Benedikt Lukas Singer, World Bank Group**

Benedikt Singer is a Senior Financial Sector Specialist in the Disaster Risk Finance and Insurance Program, housed in the Finance, Competitiveness, and Innovation Global Practice. Benedikt has supported over 20 countries to more actively manage the potential losses from climate and disaster shocks. This includes the development of Asia's first multi-country risk financing mechanism, implementing the Philippines' Financial Protection Strategy, establishing a dedicated risk management unit in Serbia's ministry of finance and co-leading the setting up of the World Bank's first contingent line of credit to protect against disasters in Eastern Europe and Central Asia. Benedikt has also launched multiple new initiatives including a training program reaching over 2000 people in 35 countries, a new partnership with the Rockefeller Foundation, and supported the 2016 G20 presidency leading to the establishment of the InsuResilience Global Partnership. Previously, Benedikt worked at the World Bank's Global Facility for Disaster Reduction and Recovery (GFDRR) on strategy, program development, and policy partnerships. He has a Master's degree in Global Politics from the London School of Economics.



**Nicky Jenns, Lead for the Centre for Global Disaster Protection, DfID**

Nicky is one of the lead advisers for the Centre for Global Disaster Protection. She is a disaster risk financing adviser at DFID, where she has worked for the past 17 years in Asia, Africa, the Caribbean and the UK, including as the UK Alternate Executive Director at the Asian Development Bank. She holds an MA and an MSc from the University of Oxford.



**Dr Olivier Mahul, Global Lead, Disaster Risk Finance, World Bank  
Program Manager, Disaster Risk Financing and Insurance Program, World Bank**

Dr Olivier Mahul is Program Manager of the Disaster Risk Financing and Insurance (DRFI) Program, a joint program between the World Bank and the Global Facility for Disaster Reduction and Recovery (GFDRR), supported by several donor partners. In his capacity, Olivier is currently leading the establishment of the World Bank's DRFI hub, as part of the Center for Global Disaster Protection in London, in partnership with DFID. The Program provides advisory services on financial protection against natural disasters in more than 60 countries, mainstreaming disaster risk finance within the broader disaster risk management and climate change adaptation agenda in developing countries. Olivier holds a Ph.D. in Economics from Toulouse School of Economics and post-doctorates from Wharton Business School and University of California at Berkeley. Olivier has authored more than 40 publications in international journals and two books: "Catastrophe Risk Financing in Developing Countries: Principles for Public Intervention" (with J. David Cummins) and "Government Support to Agricultural Insurance: Challenges and Options for Developing Countries" (with Charles Stutley).

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**Nicola Ranger, Senior Advisor, Disaster Risk Financing and Insurance, DfID**

Dr Nicola Ranger is the Senior Advisor on Disaster Risk Financing and Insurance at the Department for International Development (DFID) and is currently acting Director of the Centre for Global Disaster Protection. Nicola has 15 years of experience working in disaster risk management across developed and developing countries, with roles in Government, academia and industry. She has worked for DFID since 2013, acting as an advisor and implementing programmes covering risk financing, early warning systems, forecast-based humanitarian action, disaster resilience and disaster risk assessment across Africa and Asia. Previously, Nicola was Senior Research Fellow and Head of Adaptation and Development within the Grantham Research Institute at LSE, focussing on disaster risk assessment and management, decision making under uncertainty and insurance. Nicola was also a Munich Re Research Fellow from 2009 to 2013. This followed previous positions as a Senior Risk Analyst at the catastrophe risk modelling firm, Risk Management Solutions, and a Policy Analyst and Scientific Advisor in government in the UK Department for Environment, Food and Rural Affairs (Defra) and HM Treasury. She has written more than 30 peer-reviewed articles and contributed to several major reports, including the Foresight report on Future Disasters, UK National Climate Change Risk Assessment, IPCC Special Report on Extreme Events and the Stern Review on the Economics of Climate Change. Nicola has a PhD in Atmospheric Physics from Imperial College London.

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## Speaker biographies



### **Dr Benjamin A. Antwi-Boasiako, Allianz Climate Solutions**

Benjamin A. Antwi-Boasiako is a Senior Project Manager at Allianz Climate Solutions in Munich, the centre of competence for climate change-related topics within the Allianz Group. Benjamin supports Allianz's activities to increase resilience to climate change-related risks in developing and emerging countries. Before moving to Germany, Benjamin spent ten years in the Ghanaian insurance industry, where he was involved in the development of an index-based crop insurance scheme in 2011, the first of its kind in Ghana. A Chartered Insurer and an Associate of the Chartered Insurance Institute (CII) of London, Benjamin also spent some time with the Access to Insurance Initiative (A2ii) in Frankfurt, helping insurance regulators and supervisors to promote inclusive insurance to make insurance accessible to low-income groups and the underserved. Benjamin has a PhD from the Technische Universität Dresden, Germany, his research exploring the role of insurance in building resilience to natural disasters in developing countries.



### **Marija Bijelic, Senior Financial Advisor, Public Investment Management Office, Serbia**

Marija Bijelic is senior consultant for Financial and Project Management within the Government of Serbia. She is responsible for advising the Director of the Public Investment Management Office on financial and project management issues. In addition to the disaster risk financing agenda, Marija was responsible for procuring and structuring financing for post-flood recovery efforts and prevention activities. This included coordination of funds from donors, creditors and domestic sources necessary for implementation of projects under the National Recovery Plan. Prior to this, Marija served as a special advisor to minister of finance, responsible for international financing and non-marketable public debt. She oversaw relations with financial institutions, structuring new development projects and procuring budgetary support loans.

Before joining the Government of Serbia, Marija gained over 10 years of experience in the private sector, most notably forming and leading the bank relations department of Delta Holding, one of the largest private conglomerates in South-east Europe. Marija is a member of supervisory board of Dunav Osiguranje, the largest insurance company in Serbia.



### **Evie Calcutt, Actuary at Government Actuary's Department**

Evie Calcutt is an actuary at the UK Government Actuary's Department. She provides advice on risk analysis and management to government departments and public bodies, including advice on risk finance for developing countries.





**Stephen Coulson, Head of Sustainable Initiatives Office – Science, Applications and Climate Department, European Space Agency**

Stephen Coulson has 30 years' experience in the field of satellite Earth Observation and its applications; the last 27 of which have been with the European Space Agency (ESA). Since 2000, Stephen has been managing an ESA program to support the development of a wide range of EO-based environmental information products & services for more than 400 Public & Private sector user organisations. This work was carried out with the European EO downstream services industry (many micro-companies and SMEs) and was in preparation of the EU Copernicus programme. Over the last 5-8 years, Stephen has been focussing on developing the ESA cooperation with the main International Development Banks (e.g. World Bank, etc.) in order to expand the use of EO-based environmental information into the working practices and financing of Development Aid/Assistance.

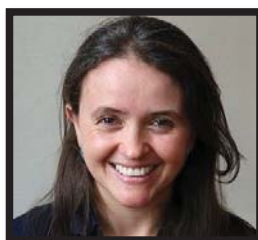
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**Paul Harvey, Partner, Humanitarian Outcomes**

Paul Harvey has worked in humanitarian action for over 20 years as an aid worker, researcher and consultant. Before starting Humanitarian Outcomes he was a Research Fellow with the Humanitarian Policy Group in the Overseas Development Institute and an emergency manager for NGOs including work in Somalia, Sierra Leone and Kosovo. His work has focussed on cash programming, the role of states, corruption and dependency in humanitarian action. He recently directed the SLRC research programme on service delivery and state-building.

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**Catalina Jaime, Forecast-based Financing coordinator, Climate Centre**

Catalina coordinates the strategic development of the forecast-based financing (FbF) concept worldwide, as well as technical support for the design and implementation of FbF projects at the global level. She also leads knowledge management of the Science for Humanitarian Emergencies and Resilience programme, working with stakeholders on science and solutions to improve risk assessment, preparedness, early action and resilience to natural hazards.

Catalina has 15 years' experience in the humanitarian sector, with the Red Cross Red Crescent Movement, UN agencies and NGOs. Her background is in industrial engineering, and she has a master's degree in humanitarian action, specializing in disaster risk reduction.

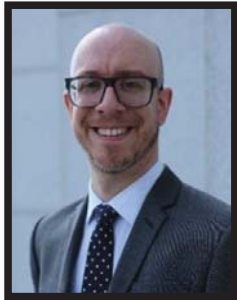
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**Professor Paula Jarzabkowski, Professor of Strategic Management, Cass Business School, City, University of London**

Paula Jarzabkowski is Associate Dean of Research & Enterprise and Professor of Strategic Management at Cass Business School, City, University of London. Professor Jarzabkowski is an expert in insurance and reinsurance markets, having studied different aspects of the global industry, and released a range of industry reports, Masterclasses, academic papers, and a widely acclaimed book "Making a Market for Acts of God" with Oxford University Press. Her current study examines how Governments and Markets around the world can better work together to address the growing threat of natural and manmade disaster, which is the subject of her latest industry report: *Between State and Market: Protection Gap Entities and Catastrophic Risk*.

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**Greg Lowe, Global Head of Resilience and Sustainability at Aon**

Greg Lowe is Global Head of Resilience and Sustainability at Aon plc, the leading provider of risk, retirement, and health solutions. Greg also heads Aon's Weather and Climate Risk Innovation platform that brings together industry leading capabilities in alternative risk transfer to non-traditional climate risks. Strategically responding to the capital efficiency gap and climate finance needs, Greg leads dialogues with clients, investors, and regulators on climate risk disclosure, urban resilience, financial institution exposure to physical risk, and lowering the cost of capital for the energy transition. Partnering with start-ups, he's collaborated with organisations as varied as the United Nations, OECD, and Urban Land Institute. He is also responsible for Aon's strategy on addressing its own environmental impacts. Prior to working at Aon, Greg was an Executive Director at Willis Towers Watson, having begun his career in investment banking at UBS. Greg holds an MSc in Environment and Development from the London School of Economics and a BA in Political Science from the University of Maryland Baltimore County.

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**Dan McDougall, International Journalist, The Sunday Times**

Dan is a multi-award-winning writer & film-maker. A British Foreign Correspondent of the Year and the founder of the global content firm miranmedia.com which creates innovative storytelling for some of the world's most recognisable brands and charities. Dan also writes for The Sunday Times Magazine on Human Rights issues and is the former Sunday Times of London Africa Correspondent and New Delhi-based South Asia Correspondent for The Observer, as well as a BBC Panorama presenter and Documentary-maker. Dan is a Media Leader at The World Economic Forum and a regular International Speaker on CSR. Dan has reported overtly and covertly from over 120 countries and over the past decade, Dan has won 4 Amnesty International Awards for Outstanding Human Rights Journalism. He is also a Martha Gellhorn Prize Nominee for War Reporting and Foreign Press Association Writer of the Year. He was voted one of the world's top 30 most influential people in the field of ethical trading by the US-based Ethisphere Institute. Dan has also won a Royal Television Society Award for documentary making and was the first recipient of the One World International Journalist of the Year Prize given to Britain's most outstanding Foreign Correspondent. Dan has specialised in untold stories like exposing Britain's Royal Mint for trading in unethical metals from Latin America and uncovering Chinese State punishment of children orphaned by their parent's executions. His recent work for The Sunday Times Magazine on LGBT murder and persecution in Syria was submitted to The UNHCR and inspired the impactful 'Where Love is Illegal' campaign. Dan is a visiting lecturer at CISL's graduate programmes.

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**Sam Medlock, SVP at Willis Towers Watson and former Senior Advisor for the White House**

Samantha Medlock is senior vice president for Capital, Science, and Policy with Willis Towers Watson, advancing insurance capabilities to address risk and resilience requirements for corporate and public sector clients. Previously, Ms. Medlock was senior advisor in the Obama White House, coordinating across the Executive Office of the President and the administration to reduce the risks and costs of disasters by strengthening standards and creating incentives for cross-sector innovations. She has more than 20 years of experience in land use and disaster law, and has testified in Congress on flood risk, levee safety, and resilient recovery from disasters. She is a recipient of the Army Commander's Award for Public Service for her service on the National Committee on Levee Safety after Hurricane Katrina. In addition to supporting US resilience policy and practice, she has participated in numerous international technical exchanges. Ms. Medlock is a certified floodplain manager, a Juris Doctor graduate with honors of Vermont Law School, and earned a Bachelor of Science summa cum laude from Texas Woman's University. She serves on the Advisory Committee for the Natural Hazards Center at the University of Colorado-Boulder and is an Adjunct Professor of Law at the Santa Barbara & Ventura Colleges of Law.



**Dr Robert Muir-Wood, Chief Research Officer, Risk Management Solutions**

Robert serves as Chief Research Officer at Risk Management Solutions (RMS). He works to enhance approaches to natural catastrophe modelling, identify models for new areas of risk, and explore expanded applications for catastrophe modelling. Robert has more than 20 years of experience developing probabilistic catastrophe models. He was lead author for the 2007 IPCC 4th Assessment Report and 2011 IPCC Special Report on Extremes, is Chair of the OECD High Level Panel on the Financial Consequences of Large Scale Catastrophes and is a Visiting Professor at the Institute for Risk and Disaster Reduction at University College London. He is the author of seven books, most recently in 2016: 'The Cure for Catastrophe - How to Stop Manufacturing Natural Disasters', as well as numerous papers and articles in scientific and industry publications. He holds a degree in Natural Sciences and a Ph.D. in Earth sciences, both from Cambridge University.



**Salvador Pérez, Former Deputy General Director of Risk Management, Mexican Ministry of Finance**

Salvador Pérez is an Independent Consultant expert in design of natural disaster risk management strategies and risk transfer schemes. Salvador works as a consultant with the International Bank for Reconstruction and Development (World Bank), The Nature Conservancy and The German Cooperation Agency (GIZ). From 2007 to 2016, he worked at Ministry of Finance in Mexico and he was the General Director of Risk Management. As part of his responsibilities included designing the natural disasters risks management strategy of the Mexican government and support the local governments in structuring natural disasters risk transfer schemes. He was responsible with designing and implementing the FONDEN's Excess of Loss coverage and the Cat Bond MultiCat Mexico. Both instruments provided coverages to hurricane and earthquake for the Mexican territory. He began his career in the National Insurance Commission in 1999 and he worked in insurance, finance and pension areas. He was professor at UNAM in areas such as actuarial, statistics, pension, insurance,

finance and risk analysis. He has participated in some publications related to managing the risk of natural disasters in collaboration with the World Bank, such as *Improving the Assessment of Natural Disaster Risk to Strengthen Financial Resilience*, Chapter *Mexico Disaster Risk Management in Mexico: from response to risk transfer*, and *Natural Disasters Fund-A review*.



**Richard Poulter, Senior Disaster Risk Financing Consultant, Disaster Risk Financing and Insurance Program, World Bank**

Richard is a senior disaster risk financing (DRF) consultant and has been working with the World Bank's Disaster Risk Financing and Insurance Program (DRFIP) for five years. Richard focuses on developing financial and actuarial modelling to support sovereign DRF solutions and has worked with more than thirty countries across Asia/Pacific, Africa and South America. Richard specialises in the analysis and use of parametric indices, remote sensing data, and catastrophe modelling techniques to design and implement financial mechanisms which provide rapid access to finance following a disaster event. Richard has also worked with both the World Bank and the International Federation of the Red Cross on the development of scalable social protection initiatives. Richard is a qualified Fellow of the Institute and Faculty of Actuaries in the UK and holds a Master of Disaster Management from the University of Copenhagen.



**Dr Emily Shuckburgh, Head of Polar Oceans, British Antarctic Survey**

Emily is a climate scientist and leads the Open Oceans research group at the British Antarctic Survey, which is focused on understanding the role of the polar oceans in the global climate system. She is also a fellow of Darwin College, a member of the Faculty of Mathematics, an associate of the Cambridge Centre for Climate Change Mitigation Research, an associate fellow of the Centre for Science and Policy, a member of the Cambridge Forum for Sustainability and the Environment, all at the University of Cambridge. In the past she has worked at École Normale Supérieure in Paris and at MIT. She is a fellow of the Royal Meteorological Society and Chair of their Climate Science Communications Group, a trustee of the Campaign for Science and Engineering and a member of the Scientific Steering Committee of the Isaac Newton Institute for Mathematical Sciences. She is a member of the Natural Environment Research Council's Strategic Programme Advisory Group and has acted as a scientific advisor to the UK Government. Emily was awarded an OBE 'for services to Science and Public Communication of Science' in the Queen's Birthday Honours list in 2016.



**Dickie Whitaker, Chief Executive, Oasis Loss Modelling Framework**

Dickie Whitaker has 30 years' experience in the Re(In)surance business and for the last 20 years has specialised in risk and innovation and linking academia, government and finance. Dickie has written and presented extensively on these subjects and has operated globally and has worked in both London and New York. He has co-founded and works for The Lighthill Risk Network, FiNexus Ltd, Oasis Palm Tree Ltd, The Oasis Hub, and is chief executive of Oasis Loss Modelling Framework Ltd. He also works with and advises NERC's Innovation Advisory Board; Satellite Applications Catapult Advisory Group; The Institute for Environmental Analytics (IEA); Insurance Development Forum (IDF) Risk modelling and management steering group.

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**Colin Wilson, Deputy Government Actuary, UK Government**

Colin Wilson is the Deputy Government Actuary for the UK Government. Prior to joining GAD in 2009 Colin was a senior consultant at specialist risk consultancy Barrie & Hibbert, and previously Director of Quantitative Research within the portfolio management group at Prudential M&G. He is a former chairman of the UK Actuarial Profession's finance, investment and risk management board.



**Lesley Jeanne Yu Cordero, Senior Disaster Risk Management Specialist, World Bank Philippines**

Lesley is a Senior Disaster Risk Management Specialist at the World Bank. She is the DRM focal person in the Philippines, co-managing the disaster risk management and risk financing and insurance programs in the country. She has been involved in other DRM projects in Vietnam, Myanmar, and Fiji Islands. She is also co-leading the World Bank Group's Marawi (Post-Conflict) Rehabilitation and Recovery technical assistance for the government. A public servant for more than 6 years, Lesley served as an Undersecretary at the Office of the President - Office of the Presidential Assistant for Rehabilitation and Recovery, mandated to integrate the reconstruction efforts of government for *Typhoon Haiyan "Yolanda"*. She also put together the *Typhoon Bopha "Pablo"* Rehabilitation and Recovery Plan for the affected areas in Mindanao. She also coordinated post-conflict projects through the *Sajahatra Bangsamoro* initiative – a program that provides basic health, education and livelihood services in the conflict areas in Mindanao. In 2011, Lesley also served as Undersecretary at the Presidential Communications Operations Office, tasked to prepare strategic communications plans and policies for the Office of the President. Lesley was one of the youngest appointed Undersecretaries of the Aquino Administration. She also served as Commissioner of the National Youth Commission in 2010. Lesley obtained a degree of Bachelor of Philosophy from University of San Carlos in 2001 and *Juris Doctor* of Laws at the Ateneo de Manila University School of Law in 2005.



**Dimitri Zenghelis, Joint-Head Policy, Grantham Research Institute, London School of Economics**

Dimitri joined the Grantham Research Institute on Climate Change and the Environment in April 2013 is responsible for producing, commissioning and communicating research on the economics of climate change policy. Previously, he headed the Stern Review Team at the Office of Climate Change, London, and was a senior economist on the Stern Review on the Economics of Climate Change, commissioned by the then Chancellor Gordon Brown. Before working on climate change, Dimitri was Head of Economic Forecasting at HM Treasury. Dimitri was a Senior Economic Advisor to Cisco from 2008-2013. From 2007 to 2008, he was Head of the Stern Review Team. Prior to this, Dimitri was Senior Economist of the Stern Review Team at HM Treasury and Head of Economic Forecasting at HM Treasury. His research interests include the macroeconomic aspects of climate change and the design of policy regimes for tackling harmful climate change.

## Delegate biographies



**Arif Baharudin, Assistant Minister of Finance for Financial Services and Capital Market Policy and Regulation, Ministry of Finance, Indonesia**

Arif Baharudin is the Assistant Minister for Financial Service and Market Policy and Regulation. In this position, Arif provides recommendations on strategic issues to the Minister of Finance in the field of policy and regulation on financial services and capital markets while giving support to echelon I in the formulation of fiscal and financial sector policy as well as quality budgeting policy. Arif has held various positions in the Ministry of Finance covering the areas of fiscal policy, state assets management, and capital markets. Before this, Arif was Executive Secretary at Fiscal Policy Agency, responsible for coordination and support on policy formulation. Prior to this, Arif was the Head of Center for Policy Analysis and Harmonization (Office of the Minister) and Director for National Asset. Arif got his capital market expertise when he was Head of Accounting Standards Bureau; and Head of Securities Companies, Securities Transaction and Institution Bureau in the Capital Market Supervisory Agency of Indonesia. Arif holds Master of Business Administration from the University of Denver Daniels College of Business, US in 1998.

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**Maybelline Bing, Secretary, Ministry of Finance, Republic of Marshall Islands**

Maybelline has been serving as the Secretary of Finance for the Republic of the Marshall Islands (RMI) since April 2015. During her tenure, she focused on implementing the RMI Public Financial Roadmap, on strengthening the institution and capacity of the Ministry of Finance. Maybelline's education background includes Bachelor degree in Business and Masters in Business Administration, focused in Human Resource Management, from the Chaminade University in Honolulu, Hawaii. She also holds a Masters degree in Financial Management from Keller School of Management. Maybelline's past work experiences include Auditor General Office, Ministry of Health Finance Officer and Economic, Planning, Policy and Statistics Office Statistician.

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**Monica Cerritos, Specialist in Economic and Fiscal Policy, Ministry of Finance, El Salvador**

Monica is an economist with postgraduate studies in public policies. Monica has experience in applied research and technical assistance to public and non-governmental institutions on issues related to fiscal, labour and commercial policy. Currently, she works as a specialist in economic and fiscal policy. She works in the identification, analysis and monitoring of the potential fiscal risks of the country, such as disasters, pension system, PPP projects and others. Her main function is to advise on economic and financial matters, support the formulation, execution and monitoring of fiscal policy, as well as strategic planning and coordination of financial management of the Non-Financial Public Sector.

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**Siham Chahboun, Engineer Actuarial Finance, Ministry of Economy and Finance/Treasury and Foreign Finance, Morocco**

Siham is an official in the Ministry of Economy and Finance Kingdom of Morocco, Directorate of Treasury and Foreign Finance (DTFE. Siham works in Insurance and Social Security Department, where she spent the past two years. One of the missions of this Department is to prepare the implementation of the regime (Law 110-14) against the consequences of catastrophic events, to improve the financial resilience of Moroccan households and businesses at risk. Siham holds an Engineer degree in actuarial and finance from National Institute of Statistics and Applied Economics (INSEA) in Rabat, Morocco. She spent seven years in the Directorate of Insurance and Social Security (DAPS) in the Moroccan Ministry of Economy and Finance, where she started working in 2008 as a controller of Insurance Company in the Supervision Insurance Companies Department.



**Ruel Edwards, Director, Economic and Technical Cooperation, Ministry of Finance, Economic Development, Planning and Physical Development, Grenada**

Ruel is the Director for Economic and Technical Cooperation within the Ministry of Finance, Planning Economic and Physical Development. In this role Mr. Edwards is responsible for overseeing all public-sector capital investment projects while being the chief person charged with resource mobilization for Grenada. Previously, he was the CEO of the Marketing and National Importing Board, where he led the organisation through major restructuring and achieving food safety certification, being the only Packhouse in the OECS with an internationally recognized food safety certification. Mr. Edwards has developed a strategic plan for the MNIB which was used by the Government as part of his commitment to the IMF and World Bank during Grenada's homegrown structural adjustment programme. A former President of the Grenada Chamber of Industry of Commerce (GCIC), Mr. Edwards guided the implementation years of the Government-led Structural adjustment programme and has been credited for enhancing the image of the GCIC. He is a former General Manager of the Grenada Distillers Limited and the Grenada Broadcasting Network, and former Chairman of the MNIB and the Grenada Beverage Alcohol Alliance. He has held Directorship on the West Indies Rum and Spirits Producers Association based in Barbados.



**Abdeljalil El Hafre, Division Head, Ministry of Finance/Treasury, Morocco**

Mr. Abdeljalil El Hafre has an engineering background. He joined the Ministry of Finance in 2002 where he held several positions at the Treasury Department. He began his career as an executive officer in the Public Finance Division before being promoted to Head in 2006 the Service of Relations with European Union Countries. In 2010, he was appointed Head of Institutional Savings Service in the Capital Markets Division. Since 2016 he is in charge of insurance and social security where he monitors, among other topics, the implementation of a new law introducing a national catastrophe risk insurance program.



**Dilka Escobar, Deputy Director, Ministry Economic and Finance / State Office of Investments, Concessions and Risk, Panama**

Dilka Escobar is the Deputy Director of State Office of Investments, Concessions and Risk in the Ministry of Economy and Finance in Panama from 2014. She has worked for Ministry of Economy and Finance since 2009 and holds a Master Degree in Business Administration from Universidad Adolfo Ibañez at Santiago, Chile and Industrial Engineering from Universidad Tecnológica de Panama. She is responsible for the management and monitoring of investments and concessions of the state in energy, telecommunications and ports. She was involved in the adoption of Strategic Framework for the Financial Management of Disaster Risk and elaboration of its operational framework. She is a member of National Platform for Disaster Risk Reduction since 2013 and was member of Panama's delegation at Third UN World Conference on Disaster Risk Reduction.



**Mirtha Escobar, Operations Officer, World Bank Group USA**

Mirtha Escobar, a Colombian national, works as an Operations Officer in the Urban and Disaster Risk Management (DRM) Unit for the Latin America and the Caribbean region. Ms. Escobar has an undergraduate degree in Economics and a Master Degree in Natural Resources Management, with a concentration in Climate Change from Virginia Tech University. Her professional focus is on project management and the implementation of innovative financing mechanisms to address climate change. In her current role, Ms. Escobar supports the implementation of the Catastrophe Risk Insurance Program in Central America and the Caribbean and other provides operational advisory support to other DRM projects in the region. Before joining the Urban and DRM unit, Ms. Escobar worked as an Operations Analyst in the Climate Change unit, supporting the implementation of Climate Finance initiatives, including the piloting performance-based payments, and the implementation of a capacity building program for indigenous people and civil society organizations. Prior to joining the World Bank in 2010, Ms. Escobar worked for two non-governmental organizations, The Nature Conservancy (TNC) and Oceana Inc, where she had the opportunity to support various public-private initiatives for land and ocean conservation.



**Maria da Nadia Felizado Adriaio, Head of Department, Ministry of Economy and Finance, Mozambique**

Maria joined the Public Service in 2007 through the Ministry of Planning and Development. Since 2009 she has coordinated several programs related to Climate Change and Environment such as the Africa Adaptation Program (AAP) and the Poverty and Environment Initiative (PEI). She acted as the Ministry focal point for disaster response at the National Emergency Operations Center (CENOE) at the National Institute for Disaster Management. Between 2011 and 2018 Maria worked as the Ministry Focal Point for Climate Change and a trainer on Gender Budgeting across sectors, central and local stakeholders, and she supported the preparation of the National Climate Change Adaptation and Mitigation Strategy, in 2012, and the Disaster Management Law, in 2014. In 2014, she was awarded the prize for Environment Protection Outstanding Individuals by the Ministry for the Coordination of Environmental Affairs. She is now head of the Department of Economic Sectors in the National Directorate for Planning and Budget, Ministry of Economy and Finance of Mozambique.



**Victor Gonzalez Corvalan, Analyst, Ministry of Finance, Chile**

Víctor Gonzalez has a degree in economics of the University of Chile (Universidad de Chile). Working previously as consultant in the financial sector, he entered into the Ministry of Finance in 2012, as advisor of the Public Debt Office, which is part of the International Finance Division and is in charge to implement the Debt strategy of the Ministry of Finance. He has participated in the several issuances both in the local and the international market, and recently in the coverage of disaster related with earthquake, implemented through a Catastrophe Bond issued by the World Bank, along with the participation of the countries of the Pacific Alliance (2017).

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**Damien Horiambe, First Assistant Secretary, Department of Treasury, Papua New Guinea**

Damien Horiambe is the First Assistant Secretary for Financial Management Division, Department of Treasury of the Government of Papua New Guinea. He holds a Master's Degree in Applied Finance from the University of Newcastle, New South Wales, Australia and a Bachelor of Arts Degree from the University of Papua New Guinea. Damien has been working in the Department of Treasury for almost twenty-one years beginning as a fresher from the University of Papua New Guinea. His work experience is mostly in debt financing for development projects/programs and budget financing. Apart from managing central government debt, he also manages contingent liabilities which include sovereign guarantees and on-lending loans from the central government to the state-owned enterprises.

Damien participated in a three-month twinning program with the Commonwealth Treasury of Australia. He was attached to the Australian Office of Financial Management under the Commonwealth Treasury. Lessons learnt from this work experience had contributed towards restructuring the Financial Management Division by creating a unit for compliance and a unit for risk management. Recently he completed a six-month Voice Secondment Program with the World Bank from January to June 2018. Damien's future plans is to do more work on contingent liabilities and off-balance sheet items and recognizing disaster risk as a contingent liability.

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**Moses Kaggwa, Director Economic Affairs, Directorate of Economic Affairs, Uganda**

Moses is responsible for providing the resource envelope for the budget. He is responsible for in-year macro-fiscal programming to ensure in-year macroeconomic stability. He determines the level of domestic and external borrowing in line with the set macroeconomic objectives. This is to help identify the fiscal deficit to be financed using domestic finances. Moses is also responsible for formulation of Uganda's medium and long term fiscal strategy and conduct the country's annual debt sustainability analysis. He monitors Uganda's economic performance against the EAC macroeconomic convergence criteria targets and coordinates Uganda's fiscal surveillance responsibilities ahead of the monetary union. Moses also develops and maintains consistent framework to support short, medium and long term macroeconomic programming and macroeconomic policy formulation.



**Chimwemwe Kaunda, Principal Economist, Ministry of Finance Economic Planning and Development- Economic Affairs Division, Malawi**

Chimwemwe works as Principle Economist in the Ministry of Finance, Economic Planning and Development under Economic Affairs Division. His role includes preparing and reviewing the National Economic Programs; coordinating the preparation of annual short to medium-term economic and fiscal policy statements and updates; monitoring and analysing the macroeconomic performance especially relating to fiscal and monetary policies and also to advise the Minister of Finance and the Secretary to the Treasury on short to medium-term economic, fiscal and monetary policies. Chimwemwe works with other sectors of the economy in the development of policies and strategies. His role in this case is to provide advice on financial implications of the policies, plans and programs they are developing. He also worked with Ministry of Agriculture, Irrigation and Water Development where he was directly involved in working in mitigating the impact of natural disasters such as floods and droughts and fall of army worms. Previously, Chimwemwe worked with Ministry of Transport and Public Works where he was involved in working with communities to mitigate the impact of floods such as reconstruction of bridges and roads. He also played a role the development of the National Adaptation Program of Action for Malawi as well as the National Disaster Policy 2015.

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**Jackson Kinyanjui, Ag. Director General, Public Debt Management Office and Director, Resource Mobilization Department, Kenya**

Jackson holds a Bachelor of Education in Economics and Business Education from University of Nairobi and a Master Degree in Development Economics from Williams College in USA Massachusetts. He worked through various cadres in the Government since 1981, building 37 years of experience in the Public Service. He is currently the Ag. Director General, Public Debt Management Office and Director of Resource Mobilization Department in the National Treasury and Planning, Kenya. His main duties are to ensure mobilization of Domestic and External Resources for funding of Public Investments, ensuring development of debt policies and strategies and management of risk.



**Kristiyanto, Division Head, Fiscal Policy Agency, Ministry of Finance, Indonesia**

Kristiyanto started his career as journalist in Gatra Weekly News Magazine before finally joining the Ministry of Finance in late 2002. Kristiyanto has held several positions in the Ministry of Finance covering the areas of fiscal policy and international economic and finance cooperation, such as Desk Manager for International Economic Surveillance and Desk Manager for APEC Finance Cooperation. In 2013-2014, he worked as an Advisor to Executive Director in the South East Asia Voting Group Office, World Bank Group, in Washington DC. In 2015, he was assigned as Division Head for Interregional Economic and Finance Cooperation, responsible for Interregional Finance Cooperation such as APEC and ASEM, international development cooperation, especially in the framework of South-south Cooperation and Triangular. In 2017, he was also assigned as coordinator for Disaster Risk Financing policy reform in the Ministry of Finance. Kristiyanto has taken several professional trainings, such as the Course on Financial Programming (ADB) and Workshop on Strategic Negotiation Skill (World Bank). Kristiyanto holds a Master of Business and Information Technology from the University of Melbourne, Australia in 2009.





**Ravinesh Kumar, Financial Advisor, National Disaster Management Authority, Ministry of Home Affairs, India**

Ravinesh holds a Bachelor in Economics (Hons.) from Sri Ram College of Commerce (SRCC), Delhi University, New Delhi. He also completed a post-graduate course in Economics. Ravinesh joined Central Government service in 1995. Presently, he is working as Financial Advisor (FA) in the National Disaster Management Authority (NDMA), Government of India under Ministry of Home Affairs (MHA). He looks after the financial aspects of projects and programmes on different aspects of disaster risk reduction and disaster management activities, and reviews projects with optimum utilization of funds and project implementation with desired goals/targets. Previously, he also served as Finance Controller in the Ordnance Factories, Defence Research Development Organization (DRDO), Army and Air Force under Ministry of Defence, Government of India. His overall experience has been related to financial planning, audit, maintenance of accounts, budgeting, and management of government financing and expenditure control with the Government of India.



**Xochilt Nubia Mata, Head of Fiscal Risks Unit, El Salvador**

Xochilt is licensed in Legal Sciences at University of El Salvador, being a Lawyer of the Republic, and holds a Master in Political Sciences of the Central American University "José Simeón Cañas". She is currently studying the Master in Administrative Law and Public Policies at University of El Salvador.

Xochilt has over 12 years as a consultant in public administration, as well as extensive experience in training processes and analysis of public policies, and knowledge in law formation processes. She is a specialist in public administration processes, and in fiscal risk management, and is currently Head of the Fiscal Risk Unit of the Ministry of Finance of El Salvador.



**Steffen Milner, Economist & Program Manager, SECO, Switzerland**

Steffen Erik Milner is an economist and program manager at the macroeconomic support division of the Swiss State Secretariat for Economic Affairs (SECO). For the past five years he managed several projects and programs covering public financial management (PFM) and finance sector issues in a wide range of countries. He was previously based in Brussels where he worked for the European Free Trade Association (EFTA) and the European Public Real Estate Association (EPRA). Before that, he held several other positions in the private sector and at SECO.



**Anwar Mussa, Principal Debt and Aid Management Officer/ Principal Economist, Ministry of Finance, Economic Planning and Development, Malawi**

Anwar Mussa is a Principal Debt and Aid Officer/ Principal Economist at the Ministry of Finance, Economic Planning and Development (MoFEPD) in Malawi. He currently coordinates a World Bank portfolio of over 20 projects. He is also one of the focal points for the World Bank's Catastrophe Deferred Drawdown Option (Cat DDO). Previously, he worked as Special Assistant to the Minister of Finance and worked with three successive Ministers in this position. Prior to joining the MoFEPD 2012, Anwar worked for Farmers World limited as Marketing Coordinator and subsequently as a Business Development Manager. Anwar is also a researcher with interests in development issues. He holds a Bachelor of Social Science (Economics and Public Management) degree from



University of Malawi and a Master of Commerce (Economics) from the University of Cape Town.

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**Sandra Nedeljkovic, Deputy Director, Public Investment Management Office, Serbia**

Sandra Nedeljkovic holds a degree in International Relations and Diplomacy and a MA in Public Administration, Local Self-government and Public Policy from University of Political Science in Belgrade, and a specialisation in European Studies. After working in the field of journalism, marketing, PR and business, she entered the public administration, and started to work for the Serbian Government in the area of local self-government and decentralisation. After the floods in 2014, Sandra joined the newly formed Government Office for Flooded Areas Reconstruction and Recovery. Part of the resilience reconstruction process from the beginning, Sandra had the opportunity to be involved in an upgrading and reforming Disaster Risk Management process in Serbia, focusing on risk reduction. She completed courses on the Legal framework for disaster risk management, Disaster Risk Management and ToT for Post disaster need assessment (PDNA). Also, she participated in drafting a new legal framework for disaster risk reduction and was one of the key persons in developing Action plan for implementation of National DRM Program in Serbia. Being accountable for implementation of National Disaster Risk Management Program, the focus of professional interest is to ensure that resilience and risk reduction is mainstreamed as a crosscutting policy in all sectors, as well as to ensure full implementation of Sendai framework in Serbia.

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**Nguyen Le Phuong Anh, Director of Economic Sector Division, Public Expenditure Management Department, Ministry of Finance, Vietnam**

After graduation from University, Ms. Phuong Anh had been working at Ministry of Agriculture and Rural Development for 2 years, then moved to work for Ministry of Finance in several department: General Department of Taxation for 3 years, Insurance supervisory Authority (ISA) for 10 years and currently for Public expenditure Management Department (PEMD). She is responsible for studying macroeconomic policies, making macroeconomic reports, designing the policy framework and supervising public expenditure for economic sector in Vietnam. Beside these official duties, she has also been studying various fields of public economics, especially fiscal and monetary policy coordination, tax policy, financial markets and economic development. She holds an MA in Development Economics from Graduate School of Economics, Ritsumeikan University (Japan). She also holds a BA in International Economics, Hanoi Foreign Trade University (Vietnam).

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**Duong Quynh Le, economist, Director of Multilateral division, Debt Management and External Finance dept., Ministry of Finance, Vietnam**

Ms. Le has been with the Ministry of Finance since her graduation from University. Her main responsibilities involve handling development financing by the World Bank, Asian Development Bank and other financial institutions. Le holds a MSc in Finance for Development from SOAS, University of London. She also holds a BA in Oriental economy from IAAC, University of Moscow, RF.

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**Sumati Rajput, Policy Analyst, World Bank India**

Sumati Rajput is currently a Disaster Risk Management Policy Analyst for the Global Facility for Disaster Reduction and Recovery, which is housed at the World Bank Group and mainstreams disaster risk management in developing country policies and investment programs. Over the past year and a half, Sumati has been working on a large financial protection program financed by Germany and the UK. Sumati supports management of donor relations for the Facility, and also provides support to DRM operations in the Caribbean and in Africa. Prior to this role, Sumati worked at AECOM, an urban development firm as an Economist, focusing on projects in South Asia and East Asia. An Indian national, Sumati holds degrees from Yale University, where she pursued a Masters in Development Economics, and Columbia University, where she completed her undergraduate studies.

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**Laura Schmidt, Senior Policy Officer, Federal Ministry for Economic Cooperation and Development, Germany**

Laura has more than fifteen years of work-experience in development cooperation. She joined the Federal Ministry for Economic Cooperation and Development (BMZ) in 2008, after having worked for the Gesellschaft für Internationale Zusammenarbeit (GIZ) as well as the European Commission. Laura has worked for 7 years in Southern Africa, in Malawi and Mozambique, and has worked on issues related to climate change at both policy as well as implementation level, focusing on adaptation and disaster risk reduction. She holds a BA from University College London, and an MSc from the London School of Economics.

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**Venkata Seshagiribabu, Project Director, APDRP, India**

Venkata Seshagiribabu is the Indian administrative officer and a special commissioner for revenue disaster management in India. He is also the Project Director of APDRP.

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**Toshiyuki Shimano, Advisor to Executive Director for Japan, Office of the Executive Director for Japan, World Bank Group**

Toshiyuki Shimano serves as Advisor for the Executive Director for Japan at the Board of the World Bank Group since June 2016. Prior to joining the WBG, he was the Representative for the Japan International Cooperation Agency (JICA)'s Sri Lanka Office in charge of Disaster Risk Management, Maritime Security and ICT sectors for Sri Lanka and the Maldives from June 2013. Mr. Shimano gained a varied experience in development cooperation after he joined the Japan International Cooperation Agency (JICA) in 2006. He served as the Assistant Director for Disaster Management Division, Global Environment Department, JICA from 2009 to 2013, where he had formulated and managed several Technical Assistant Projects for more than 10 Asian countries. Through his career, he also has contributed several research projects and publications on Disaster Risk Management. Mr. Shimano holds a MA in Intercultural Communication, from Rikkyo University, Japan and BA in Policy Studies, from Kwansai Gakuin University, Japan.

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**Odo Tevi, Ambassador, Vanuatu Mission to United Nations**

Odo is currently Vanuatu's Ambassador/Permanent Representative to the United Nations, New York. In his role, he ensured that the global agendas such as the UN Sustainable Development Goals and the Paris Agreement on Climate Change reflect the development aspirations of small states like Vanuatu. The role of finance in implementing these agendas was paramount in his negotiations. Currently, he is also the Vice President to the United Nations General Assembly. He chaired the UN Disarmament Commission and the UN Special Committee on UN Charter. Before taking up his ambassadorial role, Odo was a consultant for the World Bank, Melanesian Spear head Group on Common currency, the Pacific Institute of Public Policy, the European Union and for various governments in the South Pacific. From 2003 to 2013, he was Governor of the Reserve Bank of Vanuatu and in this role he was the chair of the Monetary and Financial Stability Board. Odo an economist by training and also he worked for Vanuatu's Ministry of Finance and Economic Management. He obtained a Masters Arts (Economic Development) from the University of Sussex, Bachelor of Economics from the University of Papua New Guinea, Graduate Diploma from the Australian Institute of Company Directors and an Advanced Diploma in M&E from New York University. He is currently pursuing an online masters in finance from the University of London.

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**Kilisitina Tuameiapi, Deputy CEO-Finance, Ministry of Finance and National Planning, Tonga**

Kilisitina worked at the Ministry of Finance and National Planning for almost 20 years, since 1998. She started as an Economist in the Economic Division and she is now the Deputy CEO or the Division Head of the Budget and Corporate Plan Division of the same Ministry. She took up the acting CEO position for several years and gained experience in the Management level.

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**Nadia Wells-Hyacinth, Chief Economist, Department of Economic Development, Transport and Civil Aviation, St Lucia**

Nadia is currently the Chief Economist – National Development at the Department of Economic Development, Transport and Civil Aviation. She was appointed in November 2014 and is responsible for developing and managing the Public Sector Investment Programme, Donor Coordination, Resource Mobilization and Monitoring and Reporting on the Government's Capital Programme. She began her career in the public sector in 2002 as a Programme Development Officer in the Development Cooperation and Programme Planning Unit of the Ministry of Planning. In January 2005, she was appointed Director of Investment Coordination at the Ministry of Commerce, a position she held until becoming seconded to Invest Saint Lucia as its Investment Services Director from October 2012 to September 2014. Nadia holds a master degree in Economic Policy and Development Reforms from the Universidad Católica de Santo Domingo, Dominican Republic and a Licentiate Degree in Economics from the Universidad de Pinar del Rio, Cuba.

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**Fatima Yasmin, Director General (Additional Secretary), Institute of Public Finance Finance Division, Ministry of Finance, Government of the People’s Republic of Bangladesh**

Fatima Yasmin is a career civil servant presently working as Director General (Additional Secretary) of Institute of Public Finance (IPF), Finance Division, Ministry of Finance, since May 2018. Before joining IPF she worked at the Economic Relations Division, Ministry of Finance, overseeing financing of Asian Development Bank (ADB) projects in infrastructure, social sector and disaster risk. Since joining the Bangladesh civil service administrative cadre in 1988, she served in different capacities in the ministries of Agriculture, Women and Children Affairs and Finance. She has worked directly with development partners such as the World Bank, the Asian Development Bank and the Islamic Development Bank while working in the Economic Relations Division. Ms. Yasmin represented Bangladesh in many government delegations and also in international seminars and workshops such as ADB Annual Meeting 2018 and UNDP Regional Knowledge Exchange 2017, and Final Design Meeting for Climate Investment Fund 2008 of the World Bank. Ms. Yasmin is a Hubert H. Humphrey Public Policy Fellow of the US State Dept. and joined the program in 2004-5 at the Rutgers University, USA. She has a Masters in development economics from Australian National University and Masters in Business Administration from Dhaka University, Bangladesh.



**Andriy Zaripov, Agriculture insurance lead, IFC Ukraine**

Andriy Zaripov is the agri-insurance lead in the IFC ECA Agri-Finance project for Ukraine, Azerbaijan and Kosovo financed by the governments of Austria and Hungary. Andriy has 8 years of experience to establish agriculture insurance systems in the ECA Region. Andriy is deeply involved in agriculture insurance technical training and implementation of product design, R-coding, actuarial sound calculations and modelling to/for key stakeholders involved in the agriculture insurance system including. At the global level, Andriy has been involved with various GIFF activities including developing capacity in local teams in the areas of product design and actuarial sound calculations in West Africa, Sri Lanka, Indonesia, Philippines, Haiti, and the Dominican Republic.

# Practical information

## **The Chatham House Rule**

This principle states that information disclosed during a meeting may be reported by those present, but the source of that information may not be explicitly or implicitly identified.

## **Evaluation forms**

Evaluation forms will be provided on each day of the Programme. Please complete this and hand to a member of the programme team at the end of the seminar.

## **Journaling**

Each day, there will be opportunities to complete your workbook. This is designed to help you capture your thoughts and action points. It forms an important part of your learning process and a way to safeguard your knowledge so that you can use it when you return home.

## **Slides**

All slide presentations will be made available electronically after the seminar.

## **Timekeeping and breaks**

To help the seminar run on time please be mindful of the start times of sessions/end times of breaks throughout the seminar.

## **Phones**

All phones and messaging devices must be switched off during sessions. If you have a personal matter, please use the silent mode. Texting and typing emails are prohibited during sessions.

## **Twitter**

If you would like to tweet about a session in the breaks please use **@CISL\_Cambridge**. Please note the programme will be under Chatham House rule.

## **Wi-Fi access**

Reception at Madingley Hall can provide a Wi-Fi access code.

## **Observers and guests**

Please note there will be observers present during some of the sessions.

## **Health and safety**

Please familiarise yourself with the health and safety notices in the venues. If you have cause for concern please inform a member of staff.

## **Local taxi number**

Panther Taxis on +44 (0) 1223 715 715.

## **Emergency numbers**

In a medical emergency please dial 999 for urgent assistance, otherwise please report to a member of staff or reception at Madingley Hall for a first aider.

## **Dress code**

The dress code is smart casual for the entire seminar. For the Gala Dinner on Wednesday evening, smart business attire is encouraged.

## **Group photo**

A group photograph will be taken at the Gala dinner on Wednesday evening and copies disseminated to all delegates.

## **Certificate**

Upon successful completion of the programme, you will receive a certificate, to be handed out on Thursday afternoon.



## Venues

### Madingley Hall

Madingley Hall is an elegant country house built in the 16<sup>th</sup> century, set in seven acres of spectacular gardens and magnificent grounds, which were designed in the 18<sup>th</sup> century by ‘Capability’ Brown.

The Shire Manor of Madingley was granted to John Hynde in 1543 by an Act of Parliament, “upon condition to pay £10 to the sheriff and members of the county.” He began building Madingley Hall in the same year, creating what are now known as the south and east wings.

The south wing contained domestic buildings, the kitchen and a garderobe and the east wing had just a few sleeping rooms, along with two large halls. The upper hall had a splendid viewing platform, leading to speculation that the Hall was originally conceived as an extravagant hunting lodge, built to flaunt the wealth of the newly-rich Hynde. When the Hall passed to his son, Sir Francis Hynde in 1550, he made it the family home, and added the north wing in 1591. Sir John Hynde Botton inherited Madingley Hall in 1712, and during the 40 years that he owned the Hall he transformed it from a panelled Tudor house into a Baroque building, and closed the medieval village street, with the aim of removing the villagers’ houses from sight.

In 1861, Edward, Prince of Wales, arrived at Madingley; his mother, Queen Victoria, had rented the Hall as a residence for her son whilst he studied at the University. However, his stay was brief and his departure sudden, due to “the great calamity at Windsor”- Prince Albert’s unexpected death.

In 1871 the Hall was sold out of the family to a Mr Hurrell, and subsequently to Colonel Walter



Harding in 1905. Colonel Harding completely renovated the Hall before his heirs sold it, along with the surrounding park and farmland to the University of Cambridge in 1948, for the sum of £50,000.

Although the Hall was built between 1543 and 1559, the earliest recorded image of the gardens is an engraving dating from 1705, showing a formal, Dutch-style garden to the north and east of the Hall. This formal style soon fell victim to the prevailing trend for naturalistic parkland. In 1756, Lancelot ‘Capability’ Brown was employed to create fashionable gardens. His style of smooth undulating grass and scattered trees was the height of fashion, and swept away almost all traces of the existing garden’s formality. The view to the east from the front-door of the Hall remains relatively unchanged from this period.

Today, the Hall is home to the University’s Institute of Continuing Education, which provides residential and non-residential courses, conferences and summer schools for professional groups and the general public from around the world.

## **Peterhouse**

Peterhouse is the oldest of the Cambridge colleges, founded by Hugo de Balsham, Bishop of Ely in 1284 and granted its charter by King Edward I. The modern name of Peterhouse does not include the word "college". It is also the smallest college, housing an intellectual community of some 45 Fellows, 260 undergraduates and 110 graduate students.

As a charitable institution dedicated to education and research, the College has made its own distinctive contribution to society for over 700 years, surviving the Reformation, Civil War and the upheavals of every century since. It remains the smallest college in terms of number of Fellows and students (273 undergraduates, 94 full-time graduate students and 45 fellows), but as the late Noel Annan put it in his 1999 survey of the universities and society, *The Dons*, this small College has always had "an intellectual influence ... out of all proportion to its size".

In the 1980s Peterhouse acquired an association with Conservative, Thatcherite politics. Maurice Cowling and Roger Scruton were both influential fellows of the College and are sometimes described as key figures in the so-called "Peterhouse right" – an intellectual movement linked to Margaret Thatcher. The Conservative politicians Michael Portillo and Michael Howard both studied at Peterhouse.

The college was the first in the University to have electric lighting installed, when Lord Kelvin provided it for the Hall and Combination Room to celebrate the College's six-hundredth anniversary



in 1883. It was the second building in the country to get electric lighting, after the Palace of Westminster

Famous alumni:

- Charles Babbage, mathematician, philosopher, inventor and mechanical engineer who originated the concept of a programmable computer. Considered a "father of the computer", he is credited with inventing the first mechanical computer that eventually led to more complex designs.
- Henry Cavendish – scientist and discoverer of Hydrogen
- Frank Whittle – inventor of jet engine
- Four scientific Nobel Laureates – Sir John Kendrew, Sir Aaron Klug, Archer Martin and Max Perutz – gave a twentieth century lead in Molecular Biology
- Nicholas Stern - Author, Stern Review on climate change
- Michael Howard - Leader of the Conservative Party (2003-2005)
- Sam Mendes - Academy Award-winning film director (for *American Beauty*) and four-time Laurence Olivier Award winner



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