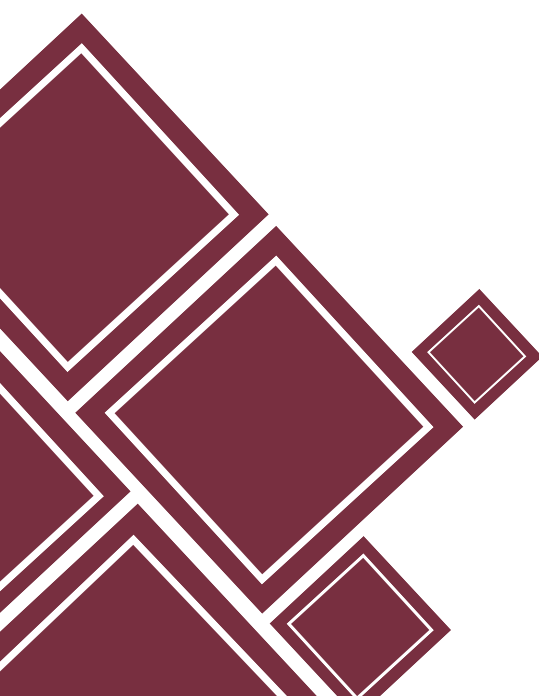




Analysis to Action:

An Executive Education Program
on Disaster Risk Finance in Asia

15 to 19 August 2022
Lee Kuan Yew School of Public Policy
National University of Singapore



This program is a collaboration between the National University of Singapore, World Bank Group's Disaster Risk Finance and Insurance Program (DRFIP) and Southeast Asia Disaster Risk Insurance Facility (SEADRIF).

About the Organization



Established in 2004, the Lee Kuan Yew School of Public Policy (LKYSPP) is an autonomous graduate school under the National University of Singapore. Nestled at the Bukit Timah Campus, next to the Singapore Botanic Gardens – a UNESCO World Heritage site, the mission of the school is to be the leading global public policy school in Asia, developing thought leadership, improving standards of governance and transforming lives for a more sustainable world.

Disaster Risk Financing & Insurance Program



The World Bank Group's Disaster Risk Financing and Insurance Program (DRFIP) helps developing countries manage the potentially high cost of natural disasters and climate shocks. DRFIP is a joint effort by the World Bank's Finance, Competitiveness and Innovation Global Practice and the Global Facility for Disaster Reduction and Recovery. DRFIP provides analytical, advisory, convening 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 Southeast Asia Disaster Risk Insurance Facility (SEADRIF) is a regional platform that will build ASEAN's financial resilience against climate shocks and disasters. With the help of SEADRIF, member countries can avoid a disaster from turning into a crisis. SEADRIF provides ASEAN countries with advisory and financial services for post disaster rapid financing to reduce their impact on people and their livelihoods.

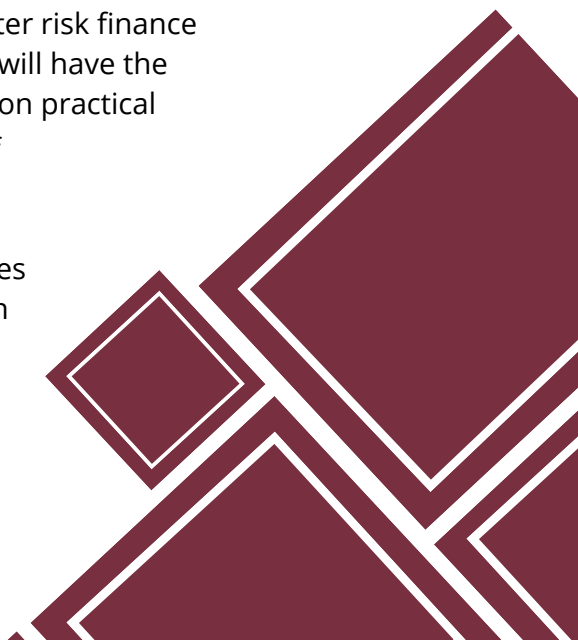


Why We Can't Wait

About the Program

Governments cannot afford to wait until a disaster strikes to start looking for the funds to respond. Without sufficient financial planning, disasters force countries to take away funds meant for investments in education, health, and infrastructure. Climate change increases the frequency and intensity of extreme weather events such as floods, typhoons, and droughts. Compounding shocks from natural disasters and the COVID-19 pandemic will put further strains on already limited fiscal space. Governmental organizations, particularly Ministries of Finance will need to plan for disaster risk financing both in the short and long term.

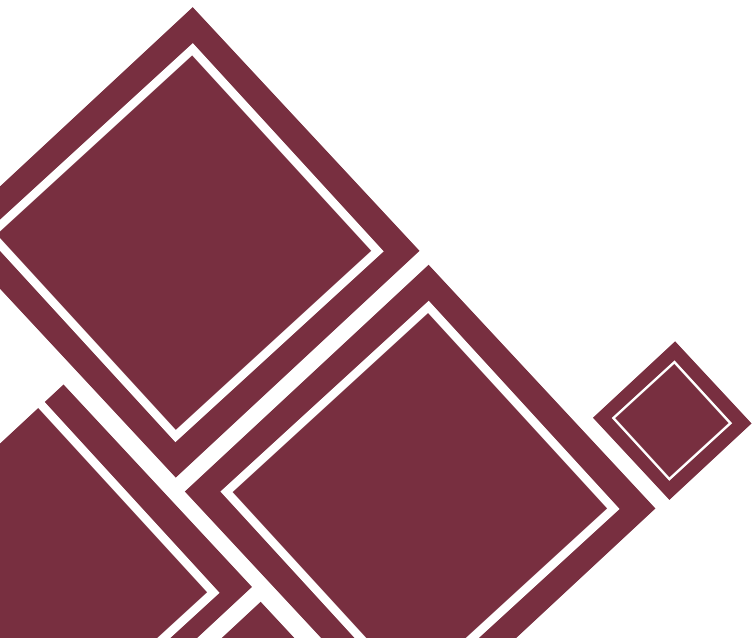
The program will enable participants to understand and apply disaster risk finance tools and principles within their own national contexts. Participants will have the opportunity to learn and exchange knowledge with peers and draw on practical examples and best practices to strengthen the financial resilience of governments, households, farmers and the most vulnerable. The program aims to develop a shared understanding of the impact of natural and other disasters on countries and explore new approaches that contribute to a more financially resilient economy and society in the ASEAN+3 region.





Program Objectives

- 1 Enhance understanding of Disaster Risk Financing, DRF, strategies and instruments for protection from natural disasters, embedded in the broader fiscal and risk management frameworks
- 2 Facilitate knowledge sharing and best practices on Risk Financing solutions relevant for ASEAN+3 countries
- 3 Build the skill set to design and implement DRF strategies
- 4 Understand how to implement policy decisions to operationalize DRF across various sectors



Program at a Glance





Who should Join?

The program is designed for officials from Ministries of Finance who are working to improve their countries' financial resilience to disaster shocks. This includes, amongst others, sovereign risk managers, debt managers, fiscal planners, budget officials and officials in charge of disaster risk financing and insurance.

How to Join?

To register:

Please contact Kaavya Ashok Krishna at:
kashokkrishna@worldbank.org

Recognition

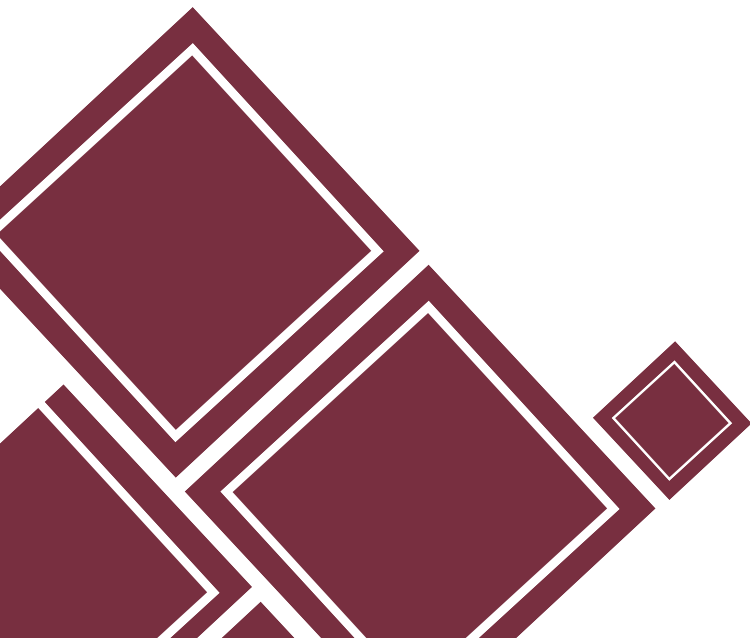
All participants who successfully complete the program will receive a joint certificate of completion from the World Bank Group and National University of Singapore.

“

Co-generation of ideas was powerful. Learning from each other was excellent. The ideas generated are practical and very pertinent for moving forward the DRF strategy.

”

Participant, Analysis to Action, Executive Education, Cambridge 2018



About the Organizations

Lee Kuan Yew School of Public Policy

Established in 2004, the Lee Kuan Yew School of Public Policy (LKYSPP) is an autonomous graduate school under the National University of Singapore. Nestled at the Bukit Timah Campus, next to the Singapore Botanic Gardens – a UNESCO World Heritage site, the mission of the school is to be the leading global public policy school in Asia, developing thought leadership, improving standards of governance and transforming lives for a more sustainable world.

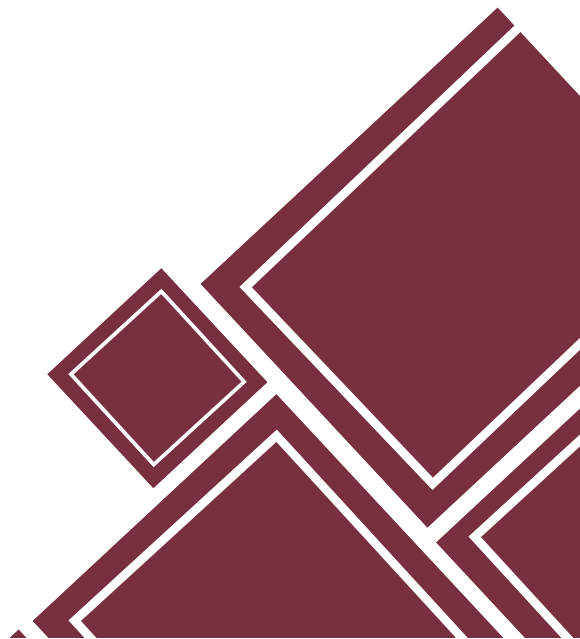


World Bank Group's Disaster Risk Financing and Insurance Program (DRFIP)

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Southeast Asia Disaster Risk Insurance Facility (SEADRIF)

The Southeast Asia Disaster Risk Insurance Facility (SEADRIF) is a regional platform that helps to build ASEAN's financial resilience against climate shocks and disasters. With the help of SEADRIF, member countries can avoid a disaster from turning into a crisis. SEADRIF provides ASEAN countries with advisory and financial services for post disaster rapid financing to reduce their impact on people and their livelihoods.



Program Agenda

Monday, 15 August 2022

Setting the Context: What are we Managing?

Aim: To develop an understanding of the current context and situation with regards to disaster risk management, and understand the importance and need for it.

Time	Session	Venue
0800 – 0900	Breakfast	Student Lounge
0900 – 1000	Introduction to the Course <ul style="list-style-type: none">• <i>Francesco Mancini, Vice Dean (Executive Education), National University of Singapore</i>• <i>Takuya Kamata, Director, World Bank Group</i>• <i>Kunihiko Nakanishi, Director, Japan Ministry of Finance – Virtual Address</i>• <i>Denise Wong, Director (International Development), Monetary Authority of Singapore</i>	Li Ka-Shing Seminar Room 1-2
1000 – 1100	Challenges and Actions in Disaster Risk Financing in SEA <i>Vinod Thomas</i> Aim: To understand the need for risk management and resilience and an overview on the current development and challenges of Disaster Risk Financing and its impact in the East Asia/ Pacific region.	Li Ka-Shing Seminar Room 1-2
1100 – 1145	Break and Phototaking	Lower Quadrangle / OTH Lobby
1145 – 1245	Politics and Disaster Response - Case Studies from across Asia <i>Caroline Brassard</i> Aim: To examine the key underlying political factors that have affected disaster response.	Li Ka-Shing Seminar Room 1-2
1245 – 1330	Lunch	Student Lounge
1330 – 1500	Master the Disaster Game <i>Kaavya Ashok Krishna</i> Aim: To appreciate the different contexts and options within the space of disaster risk financing.	Active Learning Room
1500 – 1545	Break	Active Learning Room
1545 – 1730	Innovations in DRF from across Asia - presentation by Clients Aim: To learn the different tools and strategies adopted by different governments in disaster risk financing.	Active Learning Room
1730 – 1830	Syndicate Group Introduction and Discussion	Active Learning Room
1830 - 2015	Dinner	OTH Lobby

Tuesday, 16 August 2022

Public Finance Planning and Policy Instrumentations

Aim: To reinforce the basic principles of public finance and management as well as to introduce participants to policy instruments that can be adopted to mitigate disaster risk.

Time	Session	Venue
0800 – 0900	Breakfast	Student Lounge
0900 – 1030	Public Finance Management <i>Terence Ho</i> Aim: To gain a fundamental understanding of public finance and how it is important in thinking about disaster risk financing.	Li Ka Shing 1-2
1030 – 1045	Break	Student Lounge
1045 – 1230	DRF Instruments Roundtable <i>World Bank Group</i> Aim: To learn and be exposed to different financial policy options to prepare for disasters.	Li Ka Shing 1-2
1230 – 1330	Lunch	Student Lounge
1330 – 1500	Case Study 1: Managing Ill Winds: The Disaster Risk Financing Response to Typhoon Yolanda <i>Jun Jie Woo</i> Aim: To examine and analyze the approaches to disaster management and consider how the approaches and lessons learnt can be applied to individual context.	Li Ka Shing 1-2
1500 – 1530	Break	Student Lounge
1530 – 1600	Syndicate Group Discussion	Li Ka Shing 1-2
1600 – Evening	Return to Hotel Cruise along Singapore River Dinner	Singapore River

Timing of some of the sessions are subject to change.

Wednesday, 17 August 2022

Planning and Communicating Risks

Aim: To gain an understanding of risks and how it can be applied to disaster risk financing. Participants will also learn tools that can help them anticipate future risks.

Time	Session	Venue
0800 – 0845	Breakfast	Student Lounge
0845 – 1015	Sensemaking and Complexity <i>Cheryl Chung</i> Aim: To learn and be exposed to skills and framework in developing a mindset to brace challenges of disruption and uncertainty in future scenarios.	Li Ka-Shing Seminar Room 1-2
1015 – 1030	Break	Student Lounge
1030 – 1200	Futures Thinking and Scenario Planning <i>Cheryl Chung</i> Aim: To envisage specifically on Disaster scenarios, provoking policymakers out of their comfort zones, to consider the bigger systemic context beyond their immediate domains, and to activate the imagination, at both the individual and organisational levels.	Li Ka-Shing Seminar Room 1-2
1200 – 1300	Lunch	Student Lounge
1300 – 1500	Understanding Risk & Risk Communications <i>Olivia Jensen</i> Aim: To gain a fundamental understanding of risk – the gap between people’s perceptions and real world risks by undertaking research on the scientific understanding of risk and its practical application through a multi-disciplinary approach. To appreciate how individuals perceive risk and how behavioural approaches and behavioural science can guide communication strategies to people on risks.	Li Ka-Shing Seminar Room 1-2
1500 – 1515	Break	Student Lounge
1515 – 1630	Case Study 2: Securing a state against the effects of natural disasters: What to do when conventional insurance is out of reach? <i>Olivia Jensen and Benedikt Lukas Signer</i> Aim: To appreciate risk-pooling as a strategy in disaster risk financing and examine its merits and challenges.	Active Learning Room
1630 – 1730	Disaster Risk and Financing Instruments: A Recap <i>Richard Poulter, Benedikt Signer, Sumati Rajput</i>	Active Learning Room
1730 – 1815	Syndicate Group Discussion	Active Learning Room
1815 – 2030	Dinner	Lau Pa Sat

Thursday, 18 August 2022

Managing Disaster Risk and Beyond through Data

Aim: To gain an understanding of data analytics for disaster risk management and how it can guide individuals to imagine different scenarios that can guide planning.

Time	Session	Venue
0800 – 0900	Breakfast	Student Lounge
0900 – 1030	Disaster Risk Finance Data and Analytics <i>Richard Poulter</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.	Active Learning Room
1030 – 1045	Break	Active Learning Room
1045 – 1215	Disaster Risk Finance Data and Analytics <i>Richard Poulter</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.	Active Learning Room
1215 – 1315	Lunch	Student Lounge
1315 – 1430	Mapping Your Stakeholders <i>Francesco Mancini</i> Aim: To understand how to map and strategize stakeholders that are involved in DRF.	Active Learning Room
1430 – 1530	Break & Syndicate Group Discussion	Student Lounge
1530 – 1700	Visit to Marina Barrage	Marina Barrage
1900 – 2100	Dinner	The Halia

Friday, 19 August 2022

Managing Stakeholders in DRF

Aim: To gain an understanding of strategies and tools that individuals can adopt and use to achieve consensus and understanding from their stakeholders.

Time	Session	Venue
0800 – 0900	Breakfast	Student Lounge
0900 – 1030	Case Study 3: Earthquake Commission – The Canterbury Earthquake Sequence and After <i>Caroline Brassard</i> Aim: To understand the complexities arising from different stakeholders and parties in DRF management.	Active Learning Room
1030 – 1100	Break	Active Learning Room
1100 – 1200	Influencing your Stakeholders <i>Francesco Mancini</i> Aim: To learn strategies and tools that can be used to gear towards a positive and successful negotiable outcome with stakeholders of different challenges and complexities.	Active Learning Room
1200 -1300	Lunch	Student Lounge
1300 - 1500	Moving Forward with Risk Financing - A Recap <i>Cecile Thioro Niang</i> Closing Ceremony and Commitment Cards	Li Ka-Shing Seminar Room 1-2
1500	End of Program	Li Ka-Shing Seminar Room 1-2

Faculty Profile



Vinod Thomas

Visiting Professor, Lee Kuan Yew School of Public Policy

Vinod Thomas is currently Visiting Professor with the School. Previously, as Director General of Independent Evaluation at Asian Development Bank, Vinod Thomas led changes at the institution successfully. He assumed the position in August 2011 for a term of five years. He reported to ADB's Board of Directors through the Development Effectiveness Committee. His work was to assess ADB's development effectiveness while providing lessons to help inform ADB's actions. This work in evaluation was instrumental in making green growth and action on climate change more integral to ADB's strategy. He has also held several positions with ADB as well as the World Bank Group.



Caroline Brassard

Adjunct Assistant Professor, Lee Kuan Yew School of Public Policy

Caroline Brassard worked as an economist for the Government of Ontario in Canada, and then undertook research and long term consultancy work on poverty reduction strategies for several international non-governmental organizations in developing countries, including United Nations Children's Fund in Madagascar, CARE in Bangladesh and Save the Children in Vietnam. She then went on to undertake a PhD in Economics at the University of London, where she taught empirical analysis for economics and management for two years, prior to joining the Lee Kuan Yew School of Public Policy. Caroline continues to consult with various international organizations including the United Nations Development Program and she teaches on aid governance, research methods, economic development policy, poverty alleviation strategies and empirical analysis for public policy.



Terence Ho

Associate Professor in Practice, Lee Kuan Yew School of Public Policy

Terence Ho is Associate Professor in Practice at the Lee Kuan Yew School of Public Policy, National University of Singapore. Since 2002, Terence has served in various policy, research and leadership roles in the Singapore Public Service - as an Economist in the Ministry of Trade and Industry, Assistant Director of Higher Education at the Ministry of Education, General Manager of South East Community Development Council, Director of Performance and Resource Management / Director of Economic Programmes at the Ministry of Finance, and Divisional Director of Manpower Planning and Policy at the Ministry of Manpower, where he was also Chief Data Officer. He has also been a Board Member of Workforce Singapore as well as the Building and Construction Authority. Terence is the author of "Refreshing the Singapore System: Recalibrating Socio-Economic Policy for the 21st Century"



Jun Jie Woo

Senior Research Fellow, Institute of Policy Studies, Lee Kuan Yew School of Public Policy

Jun Jie Woo is a Senior Research Fellow at the Institute of Policy Studies. His research interests include urban policy, economic development, and crisis management in Asia. He has published several books on Singapore's development as a global financial centre, and several articles in leading SSCI journals. Prior to joining IPS, Jun Jie was Assistant Professor and Programme Leader at the Education University of Hong Kong, where he led the formation of a Bachelor's Degree programme in Policy Sciences and Management. As Rajawali Fellow at the John F. Kennedy School of Government in Harvard University, Jun Jie studied policy co-creation in Boston's technology sector.



Cheryl Chung

Futures Advisor, Lee Kuan Yew School of Public Policy

Cheryl Chung is currently Consultant with the Lee Kuan Yew School of Public Policy. Previously, she was Programme Director (Executive Education Singapore Futures) where she established the Futures capabilities within the Executive Education branch, while overseeing the strategic direction for the Singapore and Open Enrolment markets. She also headed the School's Strategic Planning department where she built the research and teaching capabilities at the School with the "Future Ready Singapore" project. Before joining the School, Cheryl worked in the Singapore Government where she led futures projects across several ministry portfolios. Some of which include the Ministry of Trade and Industry, Strategic Policy Office under the Prime Minister's Office, and Ministry of Transport.



Olivia Jensen

Lead Scientist, Lloyd's Register Foundation Institute for the Public Understanding of Risk, National University of Singapore.

Dr Olivia Jensen is a social scientist specialising in water and environmental policy with a focus on urban Asia. She joined IPUR in 2018 as Lead Scientist overseeing the Institute's work related to Environment and Climate. She holds a joint appointment as Senior Research Fellow at the Lee Kuan Yew School of Public Policy's Institute of Water Policy. Dr Jensen's research is concerned with the spectrum of urban environmental risks and the design and evaluation of policy interventions to strengthen the resilience of urban communities. Her current projects include water risk governance in Asian mega-cities; the role of citizen science in assessing and managing environmental risks; and the design of effective communication strategies for risk management in areas of high vulnerability and high exposure to flood risks.



Francesco Mancini

Vice Dean (Executive Education); Associate Professor in Practice, Lee Kuan Yew School of Public Policy

Francesco Mancini is Vice Dean and Co-Director (Executive Education) and Associate Professor in Practice at the National University of Singapore's Lee Kuan Yew School of Public Policy, as well as an Adjunct Associate Professor at Columbia University's School of International and Public Affairs (SIPA). His work focuses on global governance, United Nations, conflict analysis and resolution. He regularly lectures at academic institutions and presents at conferences and to governments on international peace and security issues. He regularly appears on television news as commentator of current international affairs.



Kaavya Ashok Krishna

Senior Financial Specialist, Disaster Risk Financing and Insurance Program (DRFIP), Finance, Competitiveness & Innovation (FCI) Global Practice, World Bank Group

Kaavya Ashok Krishna a Senior Financial Sector Specialist working in the Finance, Competitiveness, and Innovation (FCI) Global Practice based in Washington D.C.. She leads Capacity Strengthening, Knowledge Exchange, and Communications on Crisis and Disaster Risk Financing (CDRF). Kaavya launched the Financial Protection Academy which has trained over 30,000 clients from 60+ countries in CDRF. She has previously worked in leadership development and marketing roles at The United Nations, Warner Bros Media, The Indian Express, Sify, and Ogilvy & Mather. She holds a Bachelor's degree in Communications from the University of Madras and a Master's degree in Technology and Learning from Harvard University.



Richard Poulter

Disaster Risk Financing & Insurance Specialist, World Bank Group

Richard Poulter is a Disaster Risk Financing & Insurance Specialist in the Equitable Growth, Finance and Institutions VP at the World Bank. Richard has expertise in the design and implementation of financial strategies to build resilience against the effects of natural disasters in low and middle income countries. He is a qualified Fellow of the Institute & Faculty of Actuaries in the UK.



Benedikt Lukas Signer

**Consultant, Disaster Risk Finance and Insurance Program (DRFIP),
World Bank Group**

Benedikt Signer is a Consultant with the Disaster Risk Finance and Insurance Program (DRFIP), housed in the Finance, Competitiveness, and Innovation (FCI) Global Practice in the World Bank. Prior to that he was a Program Coordinator in DRFIP and has supported over 20 countries to 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 Philippine's 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.



Lesley Jeanne Yu Cordero

Senior Disaster Risk Management Specialist, World Bank Group

Lesley Cordero is a Senior Disaster Risk Management Specialist at the World Bank Singapore office. She is managing more than a billion-dollar Disaster Risk Management program (DRM) in the Philippines. She worked on innovative policies and instruments such as recovery frameworks; adaptive social protection measures; resilient infrastructure program; local government catastrophe risk insurance; and contingent credit facility for disasters. She also worked on various DRM projects in Vietnam, Myanmar, Indonesia, and Fiji Islands. Before joining the World Bank, Lesley served as an Undersecretary at the Office of the President of the Philippines. She coordinated the recovery efforts of the Philippine Government for Typhoon Haiyan in 2013. In 2011, Lesley served as Undersecretary at the Presidential Communications Operations Office (PCOO). Lesley has a Juris Doctor of Laws degree at the Ateneo de Manila University School of Law, and a Master's degree in National Security Administration at the National Defense College of the Philippines. She is also an Adjunct Faculty at the Asian Institute of Management.



Hang Thu Vu

Senior Disaster Risk Management Specialist, World Bank Group

Hang Thu Vu is a Senior Financial Sector Specialist in the Crises and Disaster Risk Finance global unit of the World Bank's Finance, Competitiveness and Innovation Global Practice. She has more than 15 years of experience working in both the public and private sector on risk finance and insurance, non-bank financial institutions, financial inclusion and other development topics in East Asia, Eastern Europe, and North America. She holds a bachelor of economics from Hanoi Foreign Trade University, obtained a masters of economics from the University of Leeds, UK as a Chevening scholar, and completed the finance and management graduate program at Boston University as a Hubert H. Humphrey Fellow.



Sumati Rajput

Financial Sector Specialist, World Bank Group

Sumati Rajput is a Financial Sector Specialist in the Crisis and Disaster Risk Finance team in the World Bank Group. She has experience managing trust funds as well as working on World Bank projects in Asia, Africa and the Caribbean. Some project highlights include co-managing the Global Risk Financing Facility, supporting the Southeast Asia Disaster Risk Insurance Facility, as well as preparing and implementing disaster risk finance engagements across different South and Southeast Asia. In her previous role, she spent five years at the Global Facility for Disaster Reduction and Recovery and worked on preparing emergency response projects and social protection projects in Africa and the Caribbean. She has a bachelor's degree from Columbia University and a master's degree from Yale University.

Core Organizing Team



Kaavya Ashok Krishna

Senior Financial Specialist, Disaster Risk Financing and Insurance Program (DRFIP), Finance, Competitiveness & Innovation (FCI) Global Practice, World Bank Group

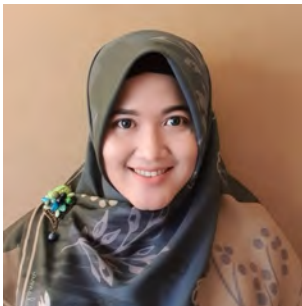
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Engage with Us!

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- LKY School of Public Policy: lkyspp.sgcorp@nus.edu.sg OR
- Kaavya Ashok Krishna at kashokkrishna@worldbank.org

For information on Lee Kuan Yew School of Public Policy, NUS:

<http://lkyspp.nus.edu.sg/>

For information on DRFIP:

www.financialprotectionforum.org

For more information on SEADRIF:

www.seadrif.org/

