

UR

Understanding Risk forum

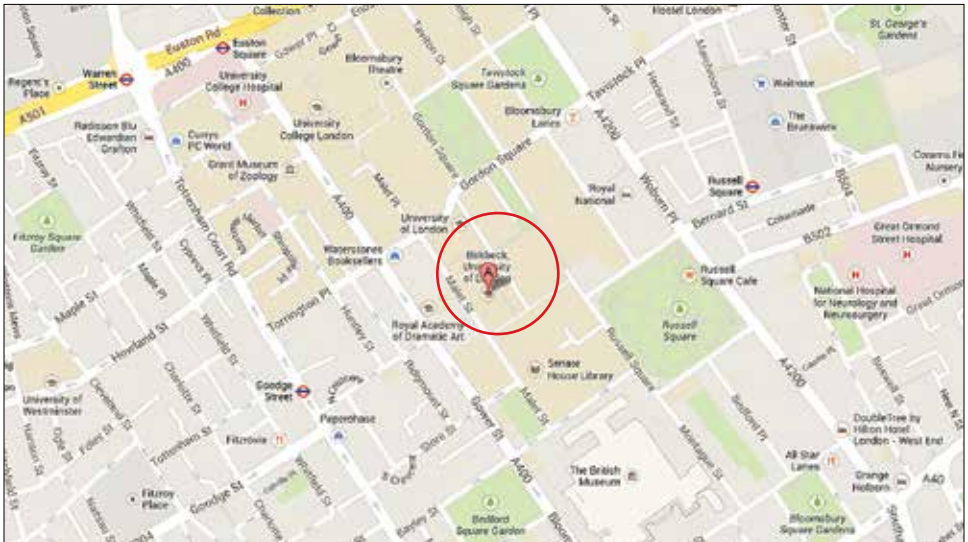
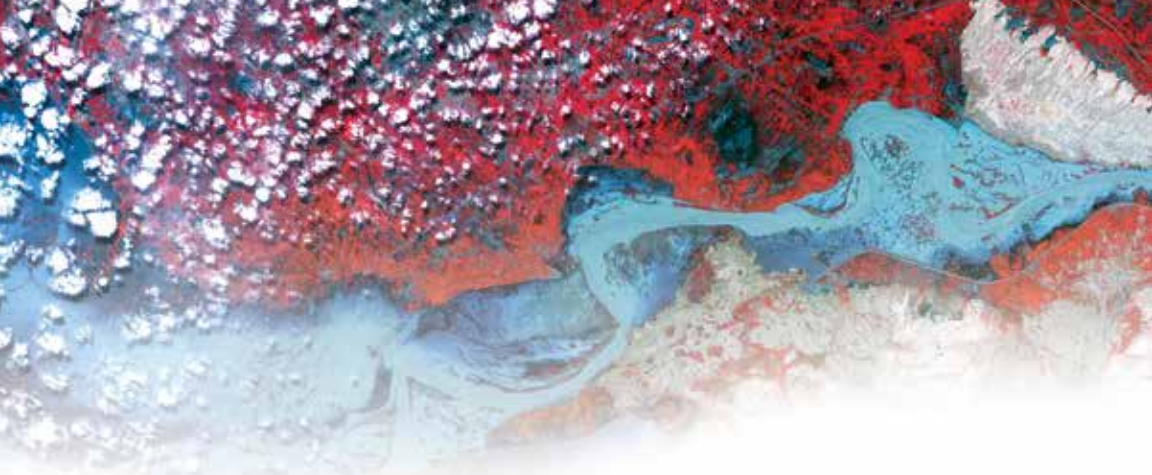
Producing actionable information

London, United Kingdom | June 30 – July 4, 2014

Small Island Developing States (SIDS)

Program





WORKING GROUP SESSIONS

Collective Action and Next Steps
Small Island Developing States (SIDS)

Thursday July 3, 2014 – 9:00 – 17:00
Room MAL 415

Birbeck, University of London
Malet Street, London WC1E 7HX, United Kingdom
+44 20 7631 6000
bbk.ac.uk



SIDS Program Overview

Welcome to the UR Forum London.

Please refer to pages 2 and 3 for a suggested agenda of sessions (see legend). The highlighted sessions are based upon potential interests of individuals with backgrounds in either (a) disaster risk finance and insurance (“Risk Finance”) or (b) integration of risk information in the planning and design of climate adaptation and disaster risk management projects (“Disaster Resilience”). Descriptions for the SIDS-specific sessions are included in abstracts following the table.



	Monday		Tuesday		Wednesday		Thursday		Friday	
	Risk Finance	Disaster Resilience	Risk Finance	Disaster Resilience	Risk Finance	Disaster Resilience	Risk Finance	Disaster Resilience	Risk Finance	Disaster Resilience
9:00 - 9:30	Registration and Opening of Understanding Risk Expo			Winners and Losers <i>Measuring the Impacts and Costs of Disasters</i>	SIDS TECHNICAL SESSION Big numbers, small states <i>Lessons from the SIDS on Risk Assessment for Financial Protection and Beyond</i>					
9:30 - 10:00	Welcome Remarks (10:00 - 10:15)		Is financial protection worth it? <i>Understanding Insurance and Financial Protection for Governments</i>							
10:00 - 10:30										
10:30 - 11:00	Understanding Urban Risk and Building Resilient Cities (10:15 - 12:15)								Developing a probabilistic approach to cost-benefit analysis for investments to reduce disaster risk (9:00 - 12:00)	
11:00 - 11:30										
11:30 - 12:00		"Changing the Risk Paradigm" - Reducing losses and exploiting opportunities		Model as the Universal Currency for Disaster Risk Financing and Management	Game Over <i>Exploring the Complexity of Actionable Information through Gaming</i>					
12:00 - 12:30										
12:30 - 13:00			Lunch							
13:00 - 13:30										
13:30 - 14:00										
										Open Data for Resilience Initiative <i>Tools and Simulation Training</i>

14:00 - 14:30	SIDS OPENING SESSION Welcome Lunch and Introductions											
14:30 - 15:00	Science, politics and what we value <i>How big is the risk of climate change?</i>											
15:00 - 15:30	Thinking Fast and Slow <i>Why Catastrophe Risks Lead Us to Behave Differently</i>		Beyond Physical Risk <i>Looking through a socio-economic lens</i>		Political Champions for Resilience Plenary							
15:30 - 16:00					Back to the Drawing Board <i>Engineering and Plannign to Manage Risk</i>							
16:00 - 16:30												
16:30 - 17:00					Guild Hall Event - Willis Group (16:30 - 19:00) Closing Ceremony (17:00-18:00)							
17:00 - 17:30												
17:30 - 18:00	Opening Keynote and "Ignite" and Welcoming Reception											
18:00 - 18:30												
18:30 - 19:00												
19:00 - 21:00												

■ Suggested Forum Session
■ Suggested Technical Session
■ SIDS Session

ABSTRACTS

WELCOME LUNCH

Small Island Developing States (SIDS)

Introductory Session

June 30, 2014 – 12:30 – 16:00
ExCel Exhibition and Convention Centre, Room A

To kick-off the Understanding Risk Forum, a luncheon will be held to welcome country representatives from Small Island Developing States (SIDS). A list of confirmed SIDS participants is included in the back of this program.

AGENDA

12:30 – 14:30	<p>Opening Remarks</p> <p>Lunch</p> <p>Introductions and Overview of SIDS Week at Understanding Risk Forum</p> <ul style="list-style-type: none">■ Niels Holm-Nielsen, Regional Coordinator, Disaster Risk Management, Latin America and the Caribbean, World Bank■ Jolanta Kryspin-Watson, Regional Coordinator, Disaster Risk Management, East Asia and the Pacific, World Bank
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TECHNICAL SESSION

Big Numbers – Small States:

Lessons from the SIDS on Risk Assessment for Financial Protection and Beyond

Wednesday July 2, 2014 – 9:00 – 10:30
ExCel Center, London

Many small states share a unique development challenge: a single disaster event can cause damages and losses that could exceed the entire value of the country's annual economic activity. This presents an extreme risk to national development and can only be addressed through a long-term comprehensive disaster risk management approach that builds financial resilience through a combination of financial instruments, improved financial administrative systems, and better investment in physical resilience to reduce contingent liabilities. Ministries of Finance are in a unique position to lead this process, in close collaboration with Ministries of Public Works and other key planning agencies.

Small Island Developing States (SIDS) in the Caribbean and Pacific have invested in large scale risk assessments to enable evidence-based decision making. Such quantitative risk assessments can inform, for example, the development of disaster funds, sovereign risk transfer and risk pooling schemes; the design and location of infrastructure and public buildings; and regulatory frameworks for resilient private sector development – all of which are elements that contribute to a longer term disaster risk management strategy.

This session will share experiences from the Caribbean, the Pacific, and the Indian Ocean Islands in generating disaster risk information to make informed decisions on the financial management of disasters, and building on this information to support other uses such as risk sensitive territorial planning and resilient infrastructure development.

Session Chair: **Honorable Ralph Regenvanu**, Minister for Lands and Natural Resources, Republic of Vanuatu.

Welcome Remarks: **Ms. Rachel Kyte**, Group Vice President and Special Envoy Climate Change, World Bank.

Session Moderator: **Mr. Olivier Mahul**, Program Manager, Disaster Risk Financing and Insurance Program, World Bank.

Panelists: **Colonel Mamy Razakanaivo**, Executive Director, Department of Disaster Prevention and Emergency Management, Republic of Madagascar; **Mr. Timothy Antoine**, Permanent Secretary for Finance, Energy, Planning, Economic Development and Trade, Grenada; **Ms. 'Ana Fakaola 'I Fanga Lemani**, Acting Deputy Secretary for Procurement, Ministry of Finance and National Planning, Kingdom of Tonga; **Ms. Fathmath Thasneem**, Deputy Minister of the National Disaster Management Center, Republic of Maldives.

AGENDA – TECHNICAL SESSION

9:00 – 9:05	Introductory Remarks <ul style="list-style-type: none">■ Ms. Rachel Kyte, Group Vice President and Special Envoy Climate Change, World Bank
9:05 – 9:15	Opening Remarks from Chair <ul style="list-style-type: none">■ Honorable Ralph John Regenvanu, Minister for Lands and Natural Resources, Republic of Vanuatu
9:15 – 9:30	Technical Presentation <ul style="list-style-type: none">■ Mr. Olivier Mahul, Program Manager, Disaster Risk Financing and Insurance Program, World Bank
9:30 – 10:15	Panel Discussion
10:15 – 10:25	Q&A and Synopsis of Key Messages <ul style="list-style-type: none">■ Olivier Mahul
10:25 – 10:30	Closing Remarks from Chair



WORKING GROUP SESSIONS

Vision 2030: What Would it Take to Reduce Risk by 50%

Thursday July 3, 2014 – 9:00 – 17:00
Birbeck, University of London, Malet Street (Room MAL 415)

Abstract

Given their relative small size, limited financial and technical capacity as well as extreme vulnerability to disaster, Small Island Developing States (SIDS) face unique challenges when it comes to reducing vulnerabilities and risks associated with natural hazards and climate change.

A series of four working group sessions will be moderated to provide the opportunity for government representatives and technical specialists from SIDS to (a) apply learnings from the Understanding Risk Forum to the realities faced by SIDS, (b) present examples of best practice from the SIDS and (c) discuss shared challenges and showcase examples of overcoming such challenges. The four sessions will include:

- I Risk Information in Preparedness and Response,
- II Disaster Risk Financing: From Tools to Strategies,
- III Designing Climate and Disaster Resilient Investments, and
- IV Public Financial Management of Disasters.

Working group sessions will be moderated by individuals with direct experience at the nexus of disaster risk management (DRM) and international development, while international experts will be invited to exchange knowledge and insights with participants. Outcomes of discussions will include summary notes of key messages to take to the Third United Nations Conference on Small Island Developing States, to be held in Samoa in September 2014, as well as provide the opportunity to share experiences and project highlights among SIDS and discuss a long-term disaster action into the future.

Session Chair: **Mr. Niels Holm-Nielsen**, Regional DRM Coordinator, Latin American and the Caribbean, World Bank.

Moderators: **Mr. Michael Bonte**, Sr. Disaster Risk Management Specialist, East Asia and Pacific Region, World Bank; **Mr. Olivier Mahul**, Program Manager, Disaster Risk Financing and Insurance Program; **Ms. Sofia Bettencourt**, Lead Operations Officer (GFDRR); **Ms. Charlotte Benson**, Sr. DRM and Disaster Risk Financing Specialist, Asian Development Bank.

Session Co-Leads: **Abigail Baca** and **Michael Bonte**, East Asia Pacific Region - DRM, World Bank; **Tigüst Fisseha**, **Keren Carla Charles** and **Christophe Chung**, Latin American and the Caribbean – DRM, World Bank; **Benedikt Signer**, Financial Sector Specialist, Disaster Risk Financing and Insurance Program, World Bank.

AGENDA – WORKING GROUP SESSIONS

9:00 – 9:30	Breakfast	
9:30 – 9:45	Introductory Remarks <ul style="list-style-type: none"> ■ Francis Ghesquiere, Head of GFDRR ■ Mr. Timothy Antoine, Permanent Secretary for Finance, Energy, Planning Economic Development and Trade, Grenada 	
9:45 – 10:00	Opening by Chair and Overview of the Workshop <ul style="list-style-type: none"> ■ Mr. Niels Holm-Nielsen, Regional Coordinator, Disaster Risk Management, Latin America and the Caribbean, World Bank 	
10:00 – 11:30	(I) Risk Information in Preparedness and Response: From Early Warning to Damage and Loss Assessments <i>Moderator:</i> Michael Bonte Country/Project Highlights: <ul style="list-style-type: none"> ■ Vanuatu ■ Saint Vincent and the Grenadines ■ Haiti 	(II) Financial Protection – from Tools to Strategies <i>Moderator:</i> Olivier Mahul Country/Project Highlights: <ul style="list-style-type: none"> ■ Madagascar ■ Grenada ■ CCRIF
11:30 – 11:45	Group Debrief (Chaired by Mr. Niels Holm-Nielsen)	
11:45 – 13:00	Lunch	
13:00 – 14:30	(III) Planning and Designing Climate and Disaster Resilient Projects and Investments <i>Moderator:</i> Sofia Bettencourt Country/Project Highlights: <ul style="list-style-type: none"> ■ Belize ■ Saint Lucia ■ Solomon Islands 	(IV) Public Financial Management of Disasters – from Resource Mobilization to Execution <i>Moderator:</i> Charlie Benson Country/Project Highlights: <ul style="list-style-type: none"> ■ Samoa ■ Tonga ■ Dominican Republic
14:30 – 14:45	Group Debrief (Chaired by Mr. Niels Holm-Nielsen)	
14:45 – 15:15	Group Discussion on Next Steps	
15:15 – 15:30	Closing Remarks (Pacific Delegation)	

Format of Workshop

Four breakout groups will be conducted during these sessions involving the following topics:

- I Risk Information in Preparedness and Response;
- II Disaster Risk Financing Tools and Strategies;
- III Designing Climate and Disaster Resilient Investments; and
- IV Public Financial Management of DRM.

In each session, moderators will facilitate the working group through the following questions:

1. What are the specific issues (causes, etc.) related to the session topic?
2. What are some good practices to address these issues & how have they been financed?
3. What are ongoing challenges and investment needs related to the session topic?
4. What are potential areas of collaboration and partnership strategies to address challenges, and share knowledge, related to session topic?; and
5. What are proposals for collective actions and next steps for SIDS?

Particularly to promote exchange of best practice and discussion on the latter two questions, SIDS participants will be invited to present on a real work example from their own context, which was successful in overcoming such challenges.

At the end of each breakout group session, participants will summarize the discussion and share with the wider group. Summary notes will be generated from each working session. At the end of the workshop, participants will discuss next steps, including (a) key messages to take to the Third United Nations Conference on Small Island Developing States, (b) opportunities for more active knowledge exchange among SIDS and (c) potential collective action efforts into the future.

Breakout Group Summaries

Morning Breakout Groups (10:00 – 11:30)

Risk Information in Preparedness and Response – from Early Warning to Damage and Loss Assessments

Moderator: Michael Bonte

Practical experience and scientific advancement have increased the ability to predict and reduce the impacts of many natural hazard events, particularly those that are climate related, resulting in the increased resilience of SIDS communities. Stronger disaster monitoring and forecasting linked to effective preparedness, early warning, and response can save many lives and reduce economic losses in countries hit by a disaster. Regional approaches on early warning and preparedness can be particularly effective due to the regional nature of some hazards and the limited capacity of countries. This session will examine how the timely and accurate detection of natural hazard events relies on sharing of information amongst countries in real-time to increase the monitoring station footprint. Additionally, there are tools being developed to support rapid disaster impact estimation and services to provide disaster managers and first responders with timely information on disaster impacts and pre-event damage forecasts for approaching tropical cyclones. Moving into the recovery phase, risk information can help to generate timely resilient reconstruction and recovery investment plans as part of inputs to PDNA or DALA efforts.

Financial Protection from Tools to Strategies

Moderator: Olivier Mahul

Increasingly, tailored financial products provide developing countries with new opportunities for thinking about proactive financial protection against disasters. Experiences, however, showed that stand-alone financial instruments cannot solve all the challenges associated with the impact of disasters and must be integrated into a comprehensive disaster risk management strategy. Comprehensive national disaster risk financing strategies bring together multiple policy areas to strengthen the financial resilience of key beneficiaries in the country. They should also integrate disaster-related contingent liabilities into existing disaster risk and fiscal risk management agendas. Such a comprehensive strategy can secure access to post-disaster financing before an event strikes to ensure rapid cost-effective liquidity and support cost effective recovery while minimizing disruptions to the budget. This session will explore effective ways to develop such financial protection strategies and share experiences of countries that have started to look beyond relying on individual financial instruments.

Afternoon Breakout Groups (13:00 – 14:30)

Planning and Designing Climate and Disaster Resilient Investments

Moderator: Sofia Bettencourt

Given the high level of vulnerability of SIDS to climate change and disaster, there is no doubt that public planning, development and investment processes should integrate elements which ensure more resilient structures, land use planning and infrastructure. Yet translating this principle into practice is easier said than done: given the limited budgets of many SIDS national governments, it is often difficult to commission the technical analyses needed to ensure climate and risk information are considered in national development plans or project designs. Limited technical capacity further makes it difficult to gather and manage such information, and by default of their small size, SIDS have difficulty finding the appropriate contractors, planners, and engineers who can effectively incorporate climate and disaster risk (and the inherent uncertainties) into development planning and project design. There are also institutional and donor constraints that tend to favor the production of stand-alone documents, rather than the process of mainstreaming resilience into national development plans, programs, and projects. Nevertheless, despite these issues, there are several important lessons learned and examples of success to be shared among the SIDS community. Discussions will focus on practical examples of building resilience in key sectors such as infrastructure (e.g. retrofitting, climate and disaster resilient design, and spatial and territorial planning), agriculture (e.g., climate smart agriculture, index-based weather insurance), and community-driven development (e.g., food and water security, gender informed income generation, and flood risk and coastal zone management).

Public Financial Management of Disasters: From Resource Mobilization to Execution

Moderator: Charlie Benson

Even when a Ministry of Finance is able to rapidly mobilize resources following a disaster, this may be quickly rendered fruitless in the absence of a well-functioning system to appropriate and to execute these resources. Systems must be put in place to ensure effective response at every step of the resources mobilization, appropriation, and execution chain. The effectiveness of the response will depend on the weakest point in this string of action. One challenge policy makers face is that this requires strong collaboration between the Ministry of Finance and the public entity tasked with spending the money – such as local governments or public infrastructure maintenance agencies. In addition, the system must balance policy makers' concerns for fast disbursement with the public's and donor's need for transparency and accountability. In this session, country representatives will share challenges encountered in this area and work together to identify ways forward to strengthen this critical aspect of public financial management of disasters.

Moderators & Chair – Thursday, July 3



Sofia Bettencourt is the Lead Adaptation Specialist for the Global Facility for Disaster Reduction and Recovery (GFDRR). Sofia, a Portuguese national, comes to GFDRR with 22 years of operational experience, including 12 years in field postings. She is a lead specialist in both Disaster Risk Management and Climate Change Adaptation, and was one of the first pioneers of adaptation projects at the World Bank. She has since worked extensively on inter-sectoral and participatory planning, institutional development, adaptation mainstreaming and coastal adaptation issues. Sofia is a member of the Global Practice Teams on DRM and Adaptation and an IPCC Reviewer. She is also a specialist on Small Island Developing States, and was a key member of the team leading the rehabilitation of East Timor. At GFDRR, Sofia's key priorities will be to lead GFDRR's program on resilience to climate change, support GFDRR's contribution to the Loss and Damage agenda, promote a closer re-approachment between adaptation and disaster risk management, and provide cross support to clients, within the emerging Global Practices. Sofia holds a Master's in Resource Economics from the University of Rhode Island and a post-graduate degree from the Classical University of Lisbon in Coastal Resources Management.



Michael Bonte-Grapentin is a Senior Disaster Risk Management and Climate Change Adaptation Specialist with the World Bank Pacific Department. He brings with him more than 12 years of experience in disaster risk management. Before joining the Bank, he was leading the Risk Reduction Team at SOPAC, the Pacific regional organization mandated with building disaster risk management capacity. His work focused on strengthening technical institutions in the Pacific in providing flood and multihazard warning services by conducting risk and technical post-disaster assessments. Mr. Bonte-Grapentin brings with him private sector experience, working previously for German Telekom on netinformation and operation support systems. He was also a researcher on alpine hazards for the Free University of Berlin. He holds a master's degree in geography with an international award-winning thesis on debris avalanche initiation.



Charlotte Benson is a Senior Disaster Risk Management and Disaster Risk Financing Specialist at the Asian Development Bank. Ms. Benson has many years of experience working with countries on mitigating the economic and financial impacts of disasters as well as

research experience in economic, financial and budgetary aspects of disasters in developing countries. She has previously worked for the Overseas Development Institute as well as for the World Bank.



Olivier Mahul is Programme Manager for the World Bank - GFDRR Disaster Risk Financing and Insurance Programme (DRFIP), which aims to mainstream disaster risk financing within the disaster risk management and climate change adaptation agenda. Since joining the World Bank in 2003, Mr. Mahul has been involved in designing and implementing disaster risk financing solutions in many countries, including Colombia, Costa Rica, Mexico, India, Indonesia, Mongolia, Philippines and Vietnam. Mr. Mahul is one of the architects of the Caribbean Catastrophe Risk Insurance Facility (CCRIF) as well as the Pacific Catastrophe Risk Assessment and Financing Initiative (PCRAFI). Mr. Mahul holds a PhD in economics of risk and insurance from the Toulouse School of Economics and a post-doctorate from Wharton Business School and the University of California at Berkeley. Mr. Mahul has authored more than 30 publications in international journals and won several academic awards. He recently co-authored the 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.

CHAIR



Niels Holm-Nielsen is Lead Disaster Risk Management (DRM) Specialist with the World Bank and coordinates the Bank's work on DRM in Latin America and the Caribbean (LCR). Before taking on the role as Regional Coordinator for the group, Mr. Holm-Nielsen led the LCR DRM program in Colombia and the Caribbean where he managed the preparation of Bank financed work on disaster risk financing, disaster risk reduction, disaster risk evaluation, and emergency recovery. In 2008, he joined LCR from the Middle East and North Africa region where where he worked on water management, climate adaptation, and disaster risk management operations in Egypt, Iran, Jordan and Yemen. Before joining the World Bank, he worked for the Inter-American Development Bank where he helped create the corporate policy on disaster risk management and establish DRM as a development practice. He holds a MSc in Political Science from the University of Aarhus, Denmark.

Participants

Country/Agency	Individual	Ministry	Title
Belize	Ms. Yvonne S. Hyde	Ministry of Finance & Economic Development	Chief Executive Officer
	Ms. Yvette Alvarez	Ministry of Finance	Senior Advisor
Comoros	Ms. Halima Ahmed	Ministry - Ministry of Economic Planning	Head of Sustainable Development/Focal point for the Environment
Dominica	Ms. Lyn Baron	Physical Planning Division	GIS Technician
Dominican Republic	Mr. Alexis Cruz Rodriguez	MEPYD	Coordinador del Area Macroeconomica
Grenada	Mr. Timothy Antoine	Ministry of Finance & Energy and Ministry of Planning, Economic Development & Trade	Permanent Secretary
Haiti	Ms. Yolène Surena	Ministry of Interior	Project Coordinator
Jamaica	Mr. Courtney Williams	Fiscal Policy Management Unit	Senior Director
	Mr. Richard Thompson	Office of Emergency Preparedness and Emergency Response	Acting Director General
Fiji	Ms. Litea Biukoto	SOPAC-SPC	Senior Advisor
Madagascar	Colonel Mamy Razakanaivo	Prime Minister's Office of Disaster Prevention and Emergency Management	Executive Director
Republic of Maldives	Ms. Fathmath Thasneem	National Disaster Management Center	Deputy Minister
Marshall Islands	Mr. Kennedy Glanry	Ministry of Internal Affairs	Disaster Officer
	Mr. Mack T. Kaminaga	Ministry of Finance	Senior Advisor
Saint Lucia	Ms. Tracy Polius	Ministry of Finance, Economic Affairs, Planning and Social Services	Permanent Secretary of Planning and National Development
	Mr. Len Leon	Ministry of Infrastructure, Port Services and Transport	Deputy Chief Engineer
	Ms. Cheryl Mathurin	Project Coordination Unit, Ministry of Finance, Economic Affairs, Planning and Social Services	Project Coordinator
	Mr. Hildreth Lewis	Ministry of Physical Planning, Housing and Urban Renewal	Deputy Permanent Secretary of Planning
Saint Vincent and the Grenadines	Ms. Laura Anthony Browne	Ministry of Finance and Economic Planning	Director of Planning
	Mr. Brent Bailey	Ministry of Transport and Works	Chief Engineer
Samoa	Mr. Soane Leota	Ministry of Finance	Assistant CEO for Corporate Services
Solomon Islands	Mr. Stanley Joel Waleanisia	Ministry of Lands, Housing & Survey	Permanent Secretary
Tonga	Ms. 'Ana Fakaola 'I Fanga Lemani	Ministry of Finance and National Planning	Acting Deputy Secretary for Procurement
Vanuatu	Mr. Ralph Regenvanu	Ministry of Lands and Natural Resources	Minister
	Mr. Sylvain Todman	Department of Meteorology and Geohazards	EWS Advisor
	Mr. Albert Williams	Ministry of Lands and Natural Resources	Director, Department of Environmental Protection and Conservation
CCRIF	Mr. Isaac Anthony	CCRIF	Chief Executive Officer

