Quick Course on Climate and Disaster-Risks Informed Investments

September 2024 | Online

List of Materials

Session	Presentation	Presenter
Session 1:	**Introduction and Guide Questions**	
Importance of climate and disaster risk information for investment decision-making	**1.1 Introduction to the Workshop** A brief introduction on how climate and disaster risks impact physical, geographical, social, and financial systems and how relevant risk information can be used for informed decision-making for climate adaptive and resilient investments. This also shares ADB's commitment on building climate and disaster resilience of its clients across Asia and the Pacific. The presentation likewise includes the objectives of the activity.	Arghya Sinha Roy, Principal Climate Change Specialist (Climate Change Adaptation), ADB
	1.2 Risk Information for investing in a resilient future in Asia and the Pacific An introduction on climate and disaster risk data and information—types, uses, opportunities for strengthening data at national level, and samples of sources of data and information.	Belinda Hewitt, Senior Disaster Management Specialist, ADB
	1.3 Risk data exercise An introduction to different open-source climate and natural hazard databases/platforms as well	Charles Rodgers, Senior Climate Change Advisor (Consultant), ADB

as walk-throughs on how to tap and use these databases/platforms.

1.4.1 Case study of upstream climate assessment in the Amu Darya Basin

Malte Maass, Climate Change Specialist, ADB (former)

A presentation of a case study of a project in Uzbekistan. This shows how the use of climate and disaster risk assessment and climate data informed the decision-making for investment planning (e.g., identification of risks, hazards, vulnerabilities with use of climate data and adaptive measures to address these as well as when to use which of these measures).

1.4.2 Tonga: Strengthen Climate and Disaster Risk

Lupe Fe'iloaki, (former) Principal Economist, Prime Minister's Office (Disaster Risk Management Agency), Government of Tonga

An introduction to the Government of Tonga's planning agency, which is under the Prime Minister's Office, the National Planning Department. This presentation provides a glimpse of how the planning is translated from national plans (i.e., Tonga Strategic Development Framework, Sustainable Development Goals) to government priority agenda and to investment planning/budgeting. The integration of climate change and disaster risk management in the planning process, the investment planning, and in the monitoring and evaluation in ministries, department, and agencies (MDA) Corporate Plans M&E reports is highlighted.

1.4.3 Tonga: National Emergency Management Office

Lu'isa Uai Taunga, Senior Assistant Secretary, National Emergency Management Office (NEMO), Government of Tonga

An introduction to the national agency of the Government of Tonga responsible for enhancing national disaster preparedness and strengthening of cluster systems and emergency coordination mechanism, the National Emergency Management Office (NEMO).[1] The NEMO is in-charge of translating national disaster preparedness and related plans into actual programs and projects for implementation. This presentation shows the

[1] The National Disaster Risk Management Organisation (NDRMO), per the Disaster Risk Management Act 2021, has replaced the NEMO. Changes have also been made in the emergency structure of Tonga. The Disaster Risk Management Act 2021 has been approved on 29 June 2023.

NEMO's institutional arrangement and coordinating structures within Tonga's government, with development partners, and down to local level. This likewise provides a glimpse into some of NEMO's information tools, programs, and activities.

Session 2:

Science and tools for climate and disaster risk screening and assessment

Introduction and Guide Questions

List of Climate and Disaster Risk Assessment Tools (Reference)

Inventory of public domain tools, prepared as reference for the "Regional Workshop on Climate and Disaster Risk-Informed Investments".

2.1 Role of climate and disaster assessment investment decisions

Johannes Hunink, Climate Change and Climate Data Expert (Consultant), ADB

A compact lecture on what is risk, the factors contributing to risks, type of risk assessments (upstream vs project), and when to do a detailed risk assessment. This also discusses some factors that are critical to consider and include in risk assessments such as uncertainties, system-level dependencies, and the dynamic nature of risks, and how these interplay in investment decision-making.

2.2 Climate and disaster risk information project

Phonethavy Thammavongso, Technical Officer, Disaster Prevention Division, Social Welfare Department, Ministry of Labour and Social Welfare, Government of Lao People's Democratic Republic (PDR)

A brief on the investment project being developed for the Lao People's Democratic Republic (PDR), the Climate and Disaster Risk Information project. This project seeks to respond to the need for such information to help address the emerging threats of climate change and major disasters in the country.

2.3 Introduction to climate and disaster risk tools for investment decision-making

Ioannis Fourniadis, Geophysical Hazard Expert (Consultant), ADB

A quick walk-through on the types of tools available for climate and disaster risk screening

and assessment (i.e., data exploration and visualization tools, screening and assessment tools, and decision-support tools) for informed decision-making. An example for each type is also presented.

Session 3:	**Introduction and Guide Questions**	
Public and Private Sector Investments under climate and disaster risks	**3.1 Translating risk information into public investment decision-making** This provides key concepts and principles for integrating climate and disaster risk management in public sector investment decision-making. This also shares key principles on how to integrate adaptation plans, risk, and resilience into public investments management through an ecosystem approach in economic planning, fiscal management, and monetary policy.	Steven J. Goldfinch, Senior Disaster Risk Management Specialist, ADB
	3.2 Translating Climate and Disaster Risk Information in Public Investment Decision–Making Through the New Public Sector Investment Programme (PSIP) Process A presentation on how climate change and disaster risks data, information, and considerations are integrated into public investment planning, through the revision of public investment frameworks, as experienced by Fiji.	Ravikash Reddy, Senior Projects Coordinator, Strategic Planning Office, Ministry of Finance, Government of Fiji
	3.3.1 Session Introduction: Opportunities for steering private sector investment towards resilience In response to increasing risks and threat of climate change, risk assessments and adaptation considerations can be integrated into project investments. Financing adaptation investments, however, can be difficult due to the huge gap in climate finance. Climate change impacts are not limited to public investment. These also pose significant threat to private sector operations through damage to physical assets and interruptions to supply chains. In its commitment as Asia-Pacific's climate bank, ADB is scaling its support to private sector	Belinda Hewitt, Senior Disaster Risk Management Specialist, ADB

operations to assist and fill-in the climate finance gap. It also offers support in policy and institutional strengthening, knowledge and capacity development, and de-risking of investments.

3.3.2 Opportunities for steering private sector investment towards resilience

A brief look at how climate risk adaptation and disaster risk management can be integrated into private sector investments, specifically in the PPP processing using the APMG PPP program guide.

Jyoti Bisbey, Climate Finance Investment Specialist and PPPs, World Bank