

Training Course “Dealing with Climate-related Loss and Damage within CRM”

Introduction

Many countries are already suffering severely from the impacts of climate change. Recent climate projections anticipate a significant increase in the frequency and/or intensity of extreme weather events like storms and floods, as well as slow onset processes such as sea-level rise and desertification. Between 1970 and 2019, 74% of disaster related economic losses have been attributed to weather, climate, or water hazards¹. In total, 98.4 million people were affected by hazards such as floods, droughts, wildfires, storms, and extreme temperature in 2020². Developing countries, coastal regions, and small island states in the Global South are particularly affected. Moreover,

1 WMO (2021), Atlas of Mortality and Economic Losses from Weather, Climate and Water Extremes (1970-2019), World Meteorological Organization, Geneva.

2 CRED & UNDRR (2021), 2020: The Non-COVID Year in Disasters. CRED, Brussels.

developing countries experience insufficient capacities and resources to adequately prepare for and deal with climate-related losses and damages.

Dealing with climate-related losses and damages in a comprehensive manner is a new field, as is its operationalisation in the context of **climate risk management (CRM)**. Therefore, GIZ’s **Global Programme on Risk Assessment and Management for Adaptation to Climate Change (Loss and Damage) (GP L&D)**, commissioned by the German Federal Ministry for Economic Cooperation and Development (BMZ), has developed a **CRM framework** to avert, minimise, and address climate-related losses and damages. In order to support partners in dealing with climate-related risks, the GP L&D has established a **training course** that serves as a capacity building tool on the developed CRM framework.



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Concept and objectives of the training course

The training course “**Dealing with Climate-related Loss and Damage within Climate Risk Management**” developed under the GP L&D targets **technical staff** of institutions and **decision-makers** in partner countries. The training provides explanations about **concepts, approaches, and measures to avert, minimise, and address losses and damages** – based on GIZ’s own experience and that of others, enabling partners to take action. The training aims to support the development of **technical capacities** and **initiate dialogue** among partners working on the issue, in various communities (climate, disaster, development, etc.), in different sectors, and at various levels.

The training is based on GP L&D’s CRM framework, as illustrated in Figure 1, which directly responds to the needs of stakeholders who face the challenge of assessing climate-related risks and developing and implementing **concrete and effective instruments and measures** to deal with them.³

The training has two main objectives:

- building capacity, knowledge, and practical skills for CRM (incorporating losses and damages) of institutions in GIZ partner countries, enabling action
- indirectly contributing to a more informed dialogue about CRM among stakeholders at all levels and in different sectors.

³ For further information on the CRM framework please refer to the CRM [Infosheet](#).

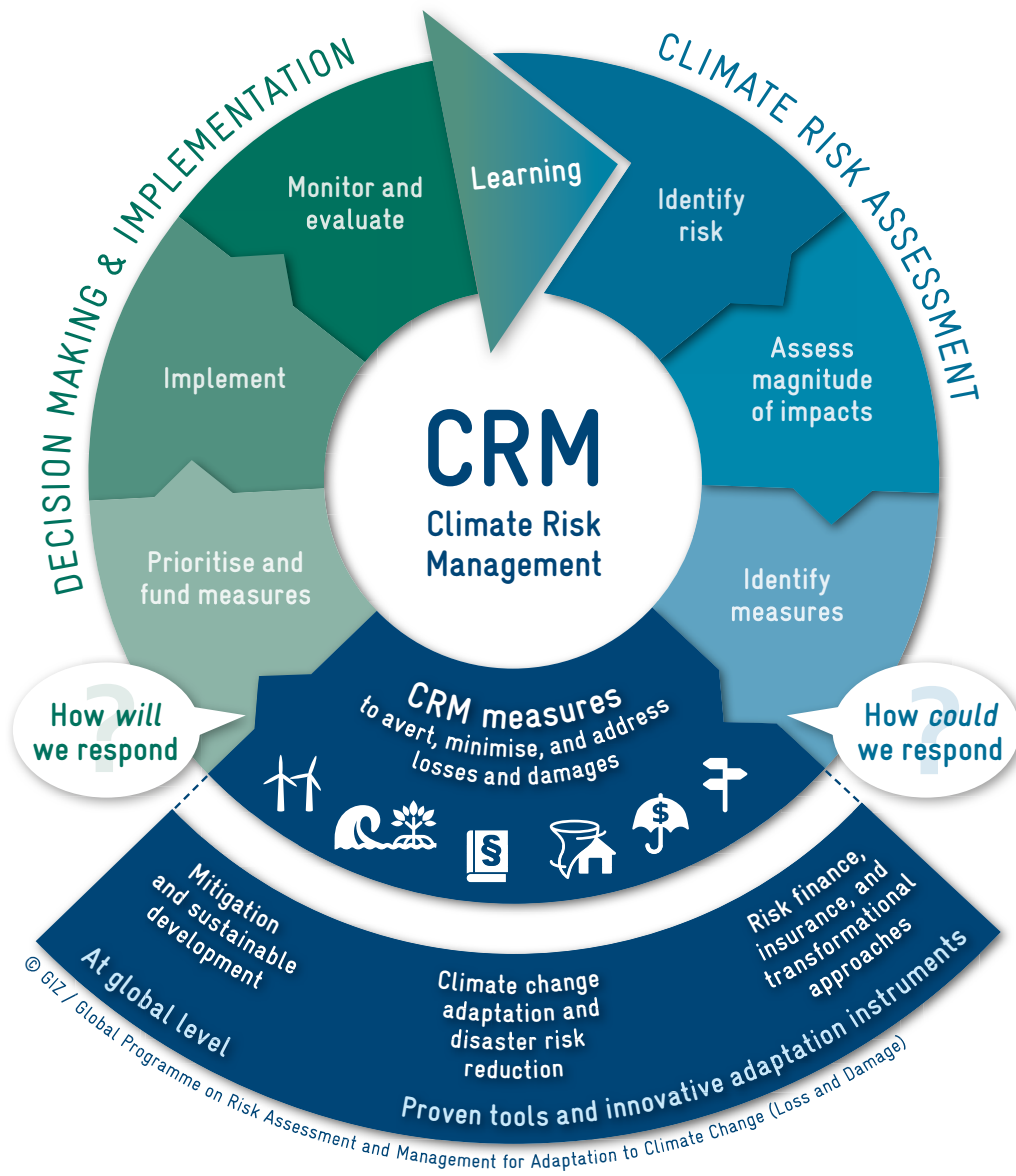


Figure 1. GP L&D model for CRM framework.

This purpose is in line with the objectives of the work of the Warsaw International Mechanism for Loss and Damage associated with Climate Change Impacts (WIM) under the United Nations Framework Convention on Climate Change (UNFCCC) to develop a better understanding of the topic of Loss and Damage, to advance approaches to assess and manage climate-related risks and losses and damages, and to foster dialogue among stakeholders.

Contents, methodology, and formats

The CRM training uses experience from established GIZ training courses, especially in the fields of climate change adaptation and finance, by using proven content and methodology. It is designed for physical and digital implementation, being facilitated by means of presentations, media support, and participatory action learning. Its modular structure allows trainers to appropriately tailor content and design to specific audiences, regions, or sectors. A particular focus here is on ensuring that the trainings address the local climate risks and context satisfactorily. In that way, the participants can improve their understanding of the climate-related risks they are facing and of how to develop suitable and effective solutions for addressing the corresponding losses and damages from climate change in their regions. The structure of the modules of the course are shown in Figure 2.

The training modules can be combined with other GIZ training courses and enable participants to achieve specific learning outcomes per module. After completion, participants will be informed about:

- the meaning of “climate-related losses and damages” including non-economic losses and damages and the general facts around the topic of climate change including the Intergovernmental Panel on Climate Change (IPCC) risk concept (Module I)
- the international climate policy debates on Loss and Damage (Module II)
- options to identify and develop practical and policy solutions for an integrated CRM based on tried-and-tested approaches (Module III)
- entry points for CRM into development/sectoral planning and budgeting (Module IV)
- relevant climate and disaster finance sources and mechanisms at national and international levels (Module V)
- ways to integrate the CRM approach and instruments of losses and damages into their own work
- further information on nexus topics such as CRM and the private sector, financial instruments, oceans and coastal zones, and health (Module III extended versions).

The course is practice-oriented and applies a hands-on methodology, using participatory learning methods,

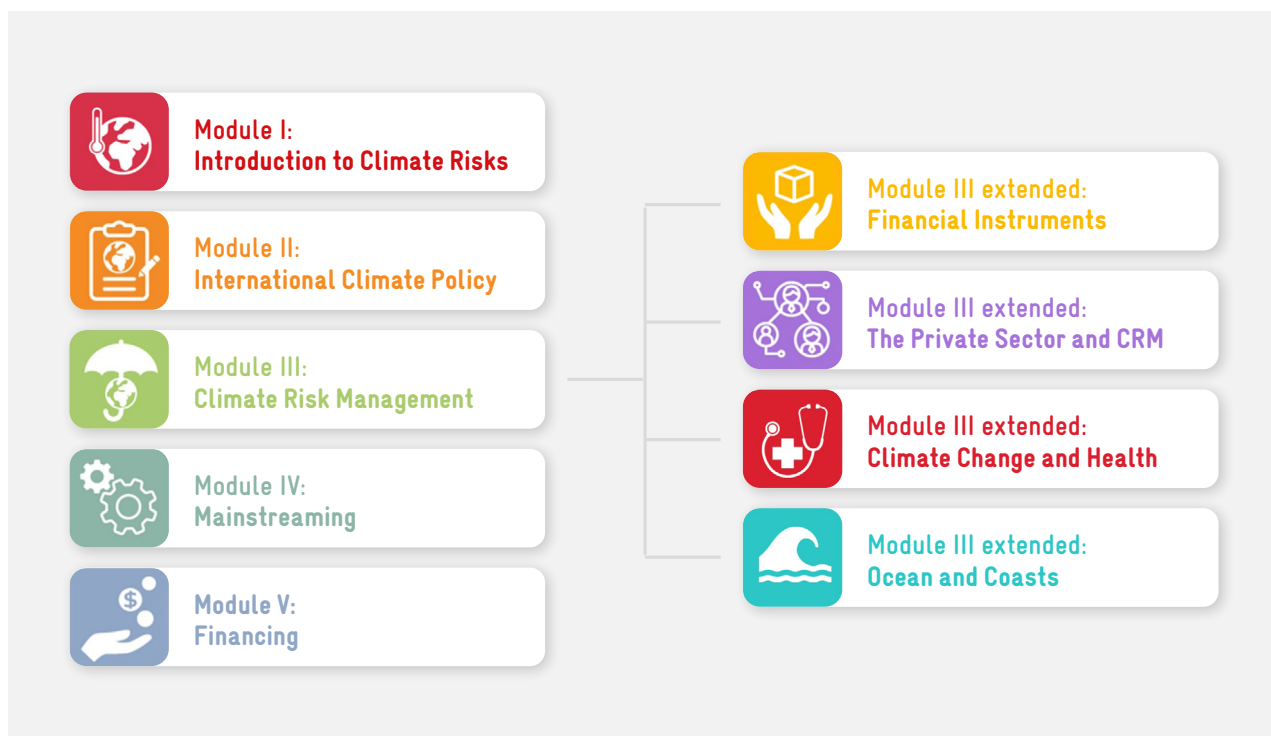


Figure 2. Overview of CRM training modules

including group work. All modules are structured according to the Harvard Case Method. They follow the same sequence ranging from introduction, casework, and result presentation to final reflection. Casework especially promotes the strengthening of practice-oriented and action-oriented capacities and allows mutual learning. During the training, the participants share their experiences and establish links to their own work in order to make the newly gained knowledge more applicable. **The complete training package consist of a trainer's handbook, a participant's manual, a participant's reader, presentations, and accompanying teaching materials.**

In order to ensure the long-term implementation of the training, the GP L&D has conducted two "Trainings of Trainers" and established a pool of certified international trainers who can pass on the training's contents. Additionally, the training contents have successfully been integrated in university curricula to further extend the target group.

Implementation

Until 2021, 13 face-to-face trainings lasting several days and 13 virtual seminars with a condensed version of the training material have been implemented. In that way, over 500 participants have been reached in various countries and regions of Central America, the Caribbean, Africa, and Asia since 2016. Figure 3 shows an overview of the implemented CRM trainings and the different formats in which the training content has been delivered.

The **participants** of the training courses are **decision-makers** at different levels (international, national, sub-national, regional, and local) in partner countries as well as **technical staff** of different institutions and organisations: international and intergovernmental organisations, government officials and staff of the public sector, non-governmental organisations, representatives of the private sector, members of academia, and further practitioners. Their work is, for example, related to climate, development, environmental sustainability, natural resource management, planning,

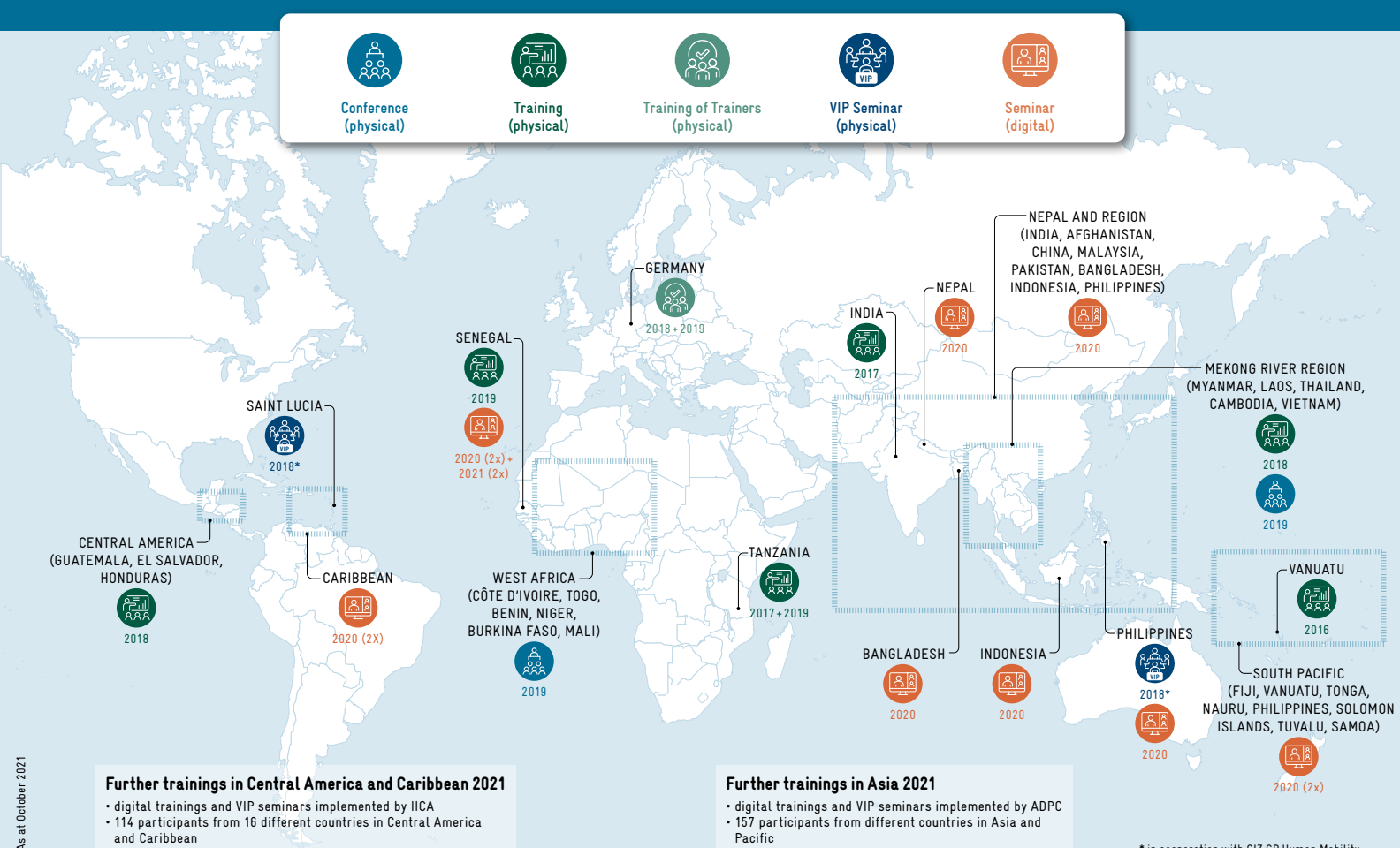


Figure 3. Worldwide implementation of CRM training events (2016–2021)

disaster management, livelihoods, and social protection. In many cases, specific sectors such as agriculture, urban planning, or harbour management have been represented at the sessions.

Experiences and stories from the implementation and onwards

Following the worldwide implementation of training events, participants have emphasised the relevance of the training to their own work. In many cases, they have stated that prior to the training the relationship between climate change and challenges that communities were facing had not been clear. In particular, those involved in disaster management, whose work is often limited to emergency response, indicated that they have improved their understanding of the “bigger picture” and now consider the implementation of ecosystem-based measures as critical to prevent disasters caused by climate hazards and reduce losses and damages.

Many participants have been able to successfully mainstream the CRM framework within their organisations, and some also externally. Generally, participants considered the CRM framework to be a relevant and practical instrument to support their work. From the conducting of climate risk assessments to the integration of CRM into national and sectoral policies and projects, the application examples are manifold.

“ I applied the knowledge gained from the training in creating awareness among policy and decision makers to enable them [to] understand their role in climate change adaption and mitigation programmes. (...) I am incorporating gender mainstreaming agenda into water policy under review to involve women and men working together in addressing issues of climate change and its impacts to their lives and properties ...

Francis Wajo
Ministry of Water Resources and Irrigation, Republic of South Sudan

“ I lead a civic-tech social enterprise based in Nepal that provides technical assistance to the Government of Nepal and development agencies in Disaster Risk Reduction and Management (DRRM). Before receiving the trainer course in dealing with Climate-related Loss and Damage within Climate Risk Management I was not aware of the strategies to integrate CRM components into DRRM. Now we support in the policy development and guidelines such as Monsoon Preparedness and Response Plan and by localizing of DRR and Climate Change impacts in municipal governments through fellowship programs. Moreover, I have trained more than 50 people in L&D within CRM in Nepal.

Pradip Khatiwada
Executive Director, Youth Innovation Lab, Nepal





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... Since the training by GIZ, the CRM framework has been the instrumental framework for stepwise understanding, identification of climate risks/impacts, and prioritization of adaptation strategies in climate change studies and research. It has been useful in teaching, and research processes including the engagement of communities in participatory vulnerability assessment, climate risk/impacts analysis, identification and prioritization of adaptation strategies largely because it is simple to understand and user-friendly to many people with different understanding and technical capacities.

Dr Edmund B. Mabhuve
Centre for Climate Change Studies/Institute of Resource Assessment
University of Dar es Salaam, Tanzania

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... We were supporting government organizations at national and local level to analyze and assess the Climate Change related risks and to plan adaptation measures. We have taught them how to do [climate risk assessment] and CRM, including Loss & Damage. (...) Part of the process in the development of the continuity plans is the integration of the climate risk assessment process and climate risk management. Through this initiative, key government decision makers and risk planners were able to incorporate CRM (loss and damage) in its policies, plans, and programs. To date the program has reached more than 5000 individuals in all 16 regions in the country.

Anthony Zuniga
Learning & Development Manager
Philippine Disaster Resilience Foundation (PDRF)



Global Programme on Risk Assessment and Management for Adaptation to Climate Change (Loss and Damage)

The effects of climate change are increasingly visible. Despite efforts made as part of climate policy, climate protection, and specific adaptation measures, residual risks remain that are leading to losses and damages. Against this background, the policy debate around **Loss and Damage** has gained importance, and the **German Federal Ministry for Economic Cooperation and Development (BMZ)** has commissioned the **Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH** to implement the **Global Programme on Risk Assessment and Management for Adaptation to Climate Change (Loss and Damage)**. This programme aims to provide German development cooperation and its international partners with tried-and-tested concepts for assessing and handling climate risks in regions that are particularly vulnerable to climate change. The programme has an overall term of eight years (December 2013–December 2021) and operates in several pilot regions and partner countries, such as the South Pacific, India, Tanzania, Central America, the Mekong Region, Senegal, the Philippines, and the Caribbean.

To reach its goal the programme focuses on:

- 1 **Developing approaches for climate risk assessment (CRA)**, including a **6-step CRA methodology** to assess climate risks integrating relevant aspects of Loss and Damage, a database with over 100 CRA methods available to decision-makers, and pilot applications of CRA in partner countries (India and Tanzania) that have improved knowledge of local risks.
- 2 **Creating an action-guiding framework for climate risk management (CRM)**, a risk-based and iterative approach to managing climate-induced risks that covers the entire hazard spectrum from extreme weather events to slow onset processes.
- 3 **Promoting knowledge management, enhancing capacities in partner countries, and facilitating dialogue among stakeholders at the (sub-)national and international level.** Towards this aim, the modular training course **Dealing with Climate-related Loss and Damage within Climate Risk Management** has been implemented globally.
- 4 **Advising the BMZ in the international climate policy debate on Loss and Damage** under the United Nations Framework Convention on Climate Change (UNFCCC) and guided by the annual Conferences of Parties (COPs). The project has provided technical and organisational assistance to the Warsaw International Mechanism for Loss and Damage associated with Climate Change expert group regarding CRM. Innovative projects such as **Human Mobility in the Context of Climate Change** and the **InsuResilience Global Partnership** originated from programme.

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