



Analysis to Action:
An Executive Education Program on Disaster Risk Finance in Africa
2 – 6 September 2019
Stellenbosch University

SUPPORTED BY



PROGRAMME PARTNERS



Program objectives

The main objectives of the program are to:

- Develop key concepts and instruments for risk management and financing of disaster shocks and empower delegates to advocate for disaster risk management financing with key stakeholders.
- Provide an interactive forum for participants to engage with best practice for disaster risk management and financing, and equip them to reflect on, and draw lessons for disaster risk management and financing in their contextual environments.
- Facilitate the creation of a delegate and expert network with which delegates can build resilient disaster risk response and financing outcomes in their respective countries.

Day 1

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

Daily Objective: To understand the evolving context of the African continent, in order to develop a common understanding of the impact of disasters and other shocks in Africa. Recognise how to identify and systematically review the disaster challenges that the continent faces and highlight innovation in management of disaster shock risk financing on the continent.

08h30 – 10h00 **1.1 Welcome, Introductions, Program Overview and Shared Understanding**

Objective: Gathering and setting expectations, overview of the program and important logistical matters.

1. 10' **Welcome by Stellenbosch University**
(Stan Du Plessis, COO Stellenbosch University)
2. 10' **Welcome by World Bank Group**
3. 15' **Program overview** (Anne Wangalachi, Programme Facilitator)
 - Introduce the program and welcome group
 - Cover Chatham House Rules
 - Short overview of the program objectives
 - Introduce the learning approach for the 5 days
4. 40' **Participants to introduce themselves**
5. 15' **Understanding the Jargon**

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10h00 – 10h15 Refreshment Break

10h15 – 12h15 1.2 Crisis and Financial Risk on the African Continent: A Pan African Perspective

Objective: Establish a shared understanding of the multiple and interlinked risks African countries face, from economic growth, the climate crisis / global warming, conflict, epidemics, economic, terrorism, migration and refugees. Examine the key lessons for financial resilience in this context, and within the broader sustainable development agenda.

Key Note Address:

1. 30' Presentation (Diane Aboubakar, Senior Policy Officer for the AUC Department of Rural Economy and Agriculture)
2. 15' Q&A

Financing Disaster Shocks: Country Contexts

Objective: Provide delegates with an opportunity to describe their country specific contexts regarding financing disaster and crisis response, challenges and experiences to their peers.

Short presentations by participants building on the introductions in the first session, followed by a moderated discussion.

The Changing Nature of Disasters

Objective: Create awareness of other disasters and encourage governments to establish systems and standards, which go beyond natural disasters and include other crises.

1. 20' presentation on non-natural disasters: cyber, pandemics, conflict and humanitarian financing and the funds available (Patricia Zweig, RADAR)
2. 10' group brainstorming on incorporating non-natural disaster risk into DRF strategy

12h15 – 13h00 1.3 Development Impact

Objective: Establish a shared understanding of the development impact of DRF in Africa. Examine the key lessons for around the development goals and how these are affected by disasters and role DRF plays in achieving these goals.

1. 30' presentation on DRF and Development Impact (Nthabiseng Moleko, USB)
2. 15' Q&A

13h00 – 14h00 Group Photo followed by Lunch

14h00 – 15h00 1.4 Politics and Disaster Response – Case studies from South Africa

Objective: Highlight the impact of the political economy in decision-making processes around disasters, drawing on lessons from Africa in managing/planning and outcomes for disaster response.

South Africa Knysna Fires and Day Zero Crises

1. 20' Knysna Fires: Mmaphaka Tau, Head South Africa Disaster Management Centre (NDMC)
2. 20' Day Zero: Jerome van Rooij, Co-Director African Climate Finance Hub
3. 20' Panel Q&A

15h00 – 15h15 Refreshment Break

15h15 – 16h30 **1.5 Innovations Across Africa**

Objective: Highlight key innovations across the continent in the financial risk management of disaster and crisis shocks.

Institute for Futures Research (IFR) 15' Introduction to futures thinking and strategic foresight

1. 15' Current global context of volatility, complexity and uncertainty, and resultant demands for decision making and policy
2. 15' Challenges of navigating unpredictable and interrelated risks and the likelihood of disasters, for financial planning, protection and insurance
3. 15' Best Practice showcases highlighting futures thinking from participants' country contexts identified
4. 15' Panel of experts including selected delegates, followed by Q&A

(Morne Mostert and Njeri Mwangi, IFR)

16h30 – 17h30 **1.6 Syndicate Group**

Objective: Reflect on the learnings from the day with a focus on the priorities that delegates have identified for action in their own context. Africa map exercises: Africa map per group throughout the syndicate group meetings.

Syndicate Group Leaders

19h00 – 21h00 **Dinner: Middelvlei Estate**

Bus departs 18h30 | Dinner 19h00 | Bus returns to hotel 21h00

Day 2

Understanding Financial Risk Management and Financial Instruments

Daily Objective: To introduce financial risk management of crises, develop key DRF concepts and principles, and to expose delegates to the financial instruments that are applicable to the African context to enable them to understand how to build DRF models.

08h30 – 09h00 **2.1 Introduction to the Day**

Objective: Recap on the main messages from Day 1 and to present the program for Day 2.

(Anne Wangalachi / Arthur Linke)

09h00 – 10h00 **2.2 The Fundamentals of Public Financial Management (PFM)**

Objective: Provide a basic understanding of PFM to illustrate the challenges of PFM in different African contexts including specifically PFM challenges in post disaster contexts.

1. 20' Presentation on overview of PFM and the challenges specific to DRF
2. 40' Fireside chat with PFM practitioners

(Mahefasoa Randrianalijaona, University of Antananarivo)

10h15 – 10h30 **Refreshment break**

10h30 – 11h45 **2.3 Master the Disaster Game**

Objective: Master the Disaster simulated learning experience on Disaster Risk Financing

A role-play game that engages participants in the different roles of decision-making around disaster risk financing

1. 5' Briefing
2. 50' Master the Disaster Game
3. 20' Debrief and discussion on the principles of DRF

(Kaavya Ashok Krishna, WBG)

11h45 – 12h45 **2.4 Fundamentals of Disaster Risk Financing (DRF)**

Objective: Targeted training and discussion on the key principles of DRF

Recap of Fundamentals of DRF. Commence a more structured introduction of the principles and instruments. Focus on making trade-offs, and introducing core principles.

(Barry Maher, Evie Calcutt and Kaavya Ashok Krishna, WBG)

12h45 – 13h30 **Lunch**

13h30 – 15h30 **2.5 DRF and Financial Instruments**

Objective: Delegates gain a critical, in-depth understanding of some of the key the available financial instruments that resonate with the African context.

- *Risk transfer: Sovereign risk transfer as a financing instrument*
- *Contingent lines of credit*
- *Public asset insurance and asset inventory*
- *Contingency fund*
- *Budget reallocation*

1. 10' Introduction
(Mahefasoa Randrianalijaona, University of Antananarivo)
2. Roundtable blended approach – delegates in syndicates rotate and spend 20 mins at each table
3. 10' Wrap-up

(Tables facilitated by practitioners and WBG.)

15h30 – 16h00 **Refreshment break**

16h00 – 17h00 2.6 Risk Pooling

Objective: Equip delegates in terms of best practices of setting up risk pools; gain a critical understanding of existing opportunities and lessons learnt from best practice.

1. 20' Setting up risk pools (best practice)
2. 20' Technical issues in risk pooling
3. 20' Developing fit for purpose products for Africa guided by the following
 - CRIF – flood insurance product
 - SEADRIF – flood model
 - PCRAFI

(Presentations and group activity Evie Calcutt, WBG and Malvern Chirume, ARC)

17h00 – 18h00 2.7 Syndicate Group

Objective: Reflect on the learnings from the day with a focus on the priorities that delegates have identified for action in their own context.

19h00 – 21h00 *Dinner: Oude Werf Restaurant*

Bus departs 18h30 | Dinner 19h00 | Bus returns to hotel 21h00

Day 3

Putting DRF into Practice: Data and Tools for Applying Financial Instruments for Decisions

Daily Objective: Demonstrate the real world benefits of data and analytics in developing DRF instruments in different contexts, and provide insights on how to navigate data challenges for decision-making. To highlight DRF, specifically insurance, as a public policy tool for agricultural transformation.

08h30 – 09h00 3.1 Introduction to the Day

Objective: To recap on the main messages from Day 2 and to present the program for Day 3.

(Anne Wangalachi / Arthur Linke)

09h00 – 09h30 3.2 The Use of Data in DRF: A Brief Overview

Objective: Provide an overview of the different types of data used in DRF and how to deal with challenges of data in the African context: ownership, access, collecting, quality, paucity of, and tradeoffs of data.

30' Presentation with exercises where different data scenarios are discussed juxtaposing data availability with cost and quality of data. The impact of data characteristics on decision-making.

(William Galloway, VOXCROFT)

09h30 – 10h45 3.3 Interrogating Data to Make Informed Decisions around Financial Instruments: Examples of Financial Tools

Objective: Provide practical insights into the DRF tools developed by the WB, the importance of data quality, and how data can be utilised in the creation of national DRF strategies.

1. 30' Presentation of Instrument 1: Cost model
2. 45' Exercise with Instrument 1

(Evie Calcutt and Barry Patrick Maher, WBG)

10h45 – 11h00 Refreshment break

11h00 – 12h15 3.4 Developing a Risk Layering Strategy using National Data

Objective: Showcase the value of quality disaster risk data in developing appropriate risk layering strategies.

1. 30' Presentation of Instrument 2 - Evaluation of different risk layering strategies
2. 45' Exercise with Instrument 2 - Delegates build model

(Evie Calcutt and Barry Patrick Maher, WBG)

12h15 – 13h00 Lunch

13h00 – 15h00 3.5 Agricultural Insurance (Mini-Module)

Objective: Highlight the role of agriculture insurance as a potential instrument for public policy drawing from the public, private and CSO perspectives. This session focuses on insurance solutions for *small and emerging farmers*, with covers suited to small holders i.e. area yield index insurance, weather index insurance, etc.

Format: Interactive case study learning

1. 20' Overarching presentation on insurance in the African context broadly, and agricultural insurance specifically.
(Pamela Ramagaga, SAIA)
2. 20' Farming perspective presentation
(Thomas Bazarusanga, ACRE)
3. 40' Case study (Elizabeth Nanziri, USB).
Case shared before session and participants feedback on questions
4. 40' Case study group deliberation and conclusion

15h00 – 16h00 3.6 Syndicate Group

Objective: Reflect on the learnings from the day with a focus on the priorities that delegates have identified for action in their own context

19h00 – 21h00 Dinner: Lanzerac Hotel

Bus departs 18h30 | Dinner 19h00 | Bus returns to hotel 21h00

Day 4

Operations for Impact

Daily Objective: Highlight key focal DRF areas such as Social Safety Nets through an interactive case study and provide delegates the opportunity to understand effective and efficient emergency relief delivery mechanisms and the potential to mobilise resource capabilities for engaging the private and humanitarian sectors. Additionally, to receive peer support in addressing key challenges in identifying and negotiating with key DRF stakeholders, implementing action plans and highlighting how the World Bank and the network can continue to support delegates.

09h00 – 09H30 4.1 Introduction to the day

Objective: To recap on the main messages from Day 3 and to present the program for Day 4.

(Anne Wangalachi / Arthur Linke)

09h30 – 10h30 4.2 Satellite Data

Objective: Understand the scope, impact and value of using satellite data as well as availability and possible sources for satellite data in Africa, especially in enabling DR models and financing.

1. 20' Presentation on the use of satellite data in conjunction with disaster risk modelling and financing strategy
2. 40' Demonstration using African data
 - 20' flood / draught disaster event
 - 20' group activity on advantages, disadvantages and consequences of satellite data

(Bruce Bassett, Head of Data Science SKA)

10h30 – 10h45 Refreshment break

10h45 – 12h45 **4.3 Adaptive Social Protection (Mini-Module)**

Objective: Delegates to consider and gain an understanding of the utilisation of safety nets as delivery mechanisms for emergency relief, as well as an instrument for mobilising resources.

1. 20' Introduction to Adaptive Social Protection Presentation
2. 20' Q&A and Discussion of Country Contexts
3. 70' Case Study Engagement:
 - 10' Introduction to Case Study Exercise
 - 30' Group Discussions of Case
 - 30' Group Presentations on Case
4. 10' Q&A and Wrap Up

(Njeri Mwangi, IFR)

12h45 – 13h45 **Lunch**

13h45 – 14h30 **4.4 Mapping and Managing Stakeholders in your Country**

Objective: Help delegates understand key internal and external stakeholders to influence in decision making on DRF. This session will provide delegates with a view on stakeholders as part of the wider decision-making system, identifying and mapping categories of stakeholders.

1. 30' Presentation on stakeholder mapping
2. 15' Stakeholder mapping activity

(Arthur Linke, USB)

14h30 – 16h00 4.5 Influencing your Stakeholders through Negotiations

Objective: Engage with delegates around sharpening ability to negotiate with and influence stakeholders to improve DRF strategy and policy outcomes.

1. 30' Presentation on stakeholder negotiation
2. 30' Delegates prepare negotiation sheets towards their DRF stakeholders
3. 20' Facilitation of negotiation skills
4. 10' Q&A

(Brian Ganson, Head Africa Centre for Dispute Settlement)

16h00 – 16h15 Refreshment Break

16h15 – 17h15 4.6 Syndicate group

Objective: Reflect on the learnings from the day with a focus on the priorities that delegates have identified for action in their own context – strong emphasis on stakeholder engagement.

19h00 – 21h00 Dinner: Wijnhuis Stellenbosch

Bus departs 18h30 | Dinner 19h00 | Bus returns to hotel 21h00

Day 5

Innovation and Resources

Daily Objective: The opportunity for further networking with experts. To share examples of innovation in DRF, to engage on opportunities for leveraging resources for DRF, and to draft development and implementation plans for each country. To highlight examples and opportunities for displacement crisis response mechanisms utilised in Africa and their optimisation.

08h30 – 09h00 5.1 Introduction to the Day

Objective: To recap on the main messages from Day 4 and the week in summary, and to present the program for Day 5.

(Anne Wangalachi / Arthur Linke)

09h00 – 10h30 5.2 Office Hours with Experts

Objectives: Allow delegates to internalise content covered in the previous days through deeper networking and engagement with experts.

1. One-on-one consultative meetings for delegates.
6 x 15' consultation sessions with experts and facilitators

(Faculty/WBG/RADAR/Donors/Experts)

10h30 – 12h30 5.3 Displacement (Mini- Module)

Objective: Highlight displacement crisis response mechanisms used in Africa to assist delegates plan for post-disasters displacements and to leverage resources targeted towards response.

1. 30' Presentation on tapping into the generosity dividend from hosting refugees and Rapid Resource Deployment (Barry Maher, WBG)
2. 70' Case presentation and activities incorporating possible consequences, policy negotiations and financing options related to displacement (Ashenafi Fanta, USB)
 - 30' Case study presentation and discussion
 - 20' Breakaway group discussion on case study
 - 20' Group flipchart presentation
3. 20' Fireside chat with practitioners experienced with displacement crises

12h30 – 13h30 Lunch

13h30 – 15h00 5.4 Communicating your Strategy, Building your Brand and Story-Telling

Objective: Help delegates build a powerful story to communicate the value of DRF to their key stakeholders.

1. 30' Presentation
2. 30' Delegates utilise methodology and practice pitch of the DRF value proposition and strategy – groups in pairs produce story video
3. 30' Presentation of story videos

(Vanessa Otto-Mentz, Head Group Strategy Unit, Santam)

15h00-15h15 Refreshment break

15h15– 16h30 5.5 Program Wrap-Up

Objective: Closure of the program

1. Summary of key takeaways
2. Syndicate group presentations
3. Winners of the competition
4. Next Steps and Growing the Network

(Anne Wangalachi)

16h30 – 17h15 5.6 Keynote Speaker

The Future is Africa

First black African women to climb Everest presenting on risk, climate risk, summitting and achieving our goals

Q&A with speaker

(Saray Khumalo)

19h00 – 21h30 5.7 Graduation Ceremony and Official Close, STIAS Stellenbosch

*Bus departs 18h30 | Cocktail reception 19h00 | Graduation 19h30
Dinner 20h00 | Bus returns to hotel 21h30*