



PROGRAMME

17-19 APRIL 2024

PROTEA BY MARRIOTT HOTEL  
BLOEMFONTEIN

# First PhD Colloquium in Disaster Risk Management and Climate Change Adaptation

“Higher education innovations in sustainable risk reduction:  
Bridging the gap between theory and practice.”



<b>DAY 1</b>		
<b>17 April 2024</b>		
<b>08:00–09:00</b>	(Arrival, registration, meet and greet, and seating arrangements) <b>Zukiswa Poto, Akani Baloyi; Nontobeko Nxumalo and Ashvita Pritham</b>	
<b>09:00–11:00</b>	<b>CHAIRPERSON:</b> Prof Samuel Adelabu: Vice-Dean for Research and Postgraduate Studies: Faculty of Natural and Agricultural Sciences, University of the Free State	
	General Chair – <i>Overview of the Colloquium</i>	<b>Dr Olivia Kunguma</b>
	University of the Free State – Research Development: Senior Director	<b>Dr Glen Taylor</b>
	Mangaung Metropolitan Municipality Disaster Risk Management Centre: General Manager	<b>Mr Billy Barnes</b>
	Old Mutual Foundation: Acting Head	<b>Mr Khotso Tsotsotso</b>
	National Disaster Management Centre: Chief Director - Policy, Institutional Development & Compliance Management	<b>Mr Jurgens Dyssel</b>
	Gauteng Provincial Disaster Management Centre: Chief Director	<b>Mr Tshepo E. Motlhale</b>
	Keynote Speaker: PhD Candidate	<b>Ms Maureen Maisiri</b>
<b>11:00-11:30</b>	<b>TEA BREAK</b> ( <i>Get to know our sponsors</i> )	
	<b>MODERATOR:</b> Prof Christo Coetzee	
<b>11:30-12:00</b>	<i>Achieving the Sustainable Development Goals through nature-based solutions amidst climate change. Evidence from Scopus and WoS databases</i>	<b>Mr Okolie Collins</b>
<b>12:00-12:30</b>	<i>Improving Integrated Flood Management for community resilience through Systems Approach: The case of Limbe-Cameroon</i>	<b>Ms Lum Sonita</b>
<b>12:30-13:00</b>	<i>Assessing the vulnerability of communities to cyclone disasters in Zimbabwe: the case of Chimanimani community</i>	<b>Ms Olivia Chibwe</b>
<b>13:00–14:00</b>	<b>LUNCH</b>	
	<b>MODERATOR:</b> Dr Tlou Raphela	
<b>14:00-14:30</b>	<i>Developing a Framework for Strengthening the Implementation of Disaster Risk Management System in Namibia</i>	<b>Mr Ilonga Simon</b>
<b>14:30-15:00</b>	<i>Knowledge, attitudes and perceptions toward flood risk insurance among low-income households in South Africa</i>	<b>Mr David Lefutso</b>
<b>15:00-15:30</b>	<i>Micro-enterprises and economic risks associated with climate change-induced disasters in eThekweni municipality</i>	<b>Mr Mbuthuma Ndumiso</b>
<b>15:30-16:00</b>	<b>Chairperson:</b> Summary of challenges and remarkable learnings:	<b>Prof Danie Vermeulen</b>
<b>18:00-20:00</b>	<b>MEET AND GREET</b> 	

DAY 2 18 April 2024		
	<b>CHAIRPERSON:</b> Mr Jurgens Dyssel	
	<b>MODERATOR:</b> Dr Bongani Boy Dlamini	
<b>08:30-09:00</b>	<i>Implications of disaster management regulations on smallholder farmers' resilience to food insecurity: Lessons from the COVID-19 pandemic</i>	<b>Ms Maisiri Maureen</b>
<b>09:00-9:30</b>	<i>Nature-based Solutions Practices: Implications on Farm performance, sustainable environment, Poverty Reduction and Food Security among South African Households</i>	<b>Mr Okolie Collins</b>
<b>9:30-10:00</b>	<i>A Systematic analysis of remote sensing (RS) and Geographic Information Systems (GIS) applications in flood disaster risk management Research</i>	<b>Mr Clinton Amatebelle</b>
<b>10:00-10:30</b>	<i>Exploring the capabilities of people in informal settlements in poverty reduction- A reflection on urban Zimbabwe</i>	<b>Mr Tobias Ndlovu</b>
<b>10:30-11:00</b>	<b>TEA BREAK (Get to know our sponsors)</b>	
<b>11:00-11:30</b>	<i>Enhancing Transparency in Urban Development: Rationale and Regulation for Developing Risk Assessment, Reduction Model and Early Warning Tools for Urban and Informal Settlements in Kwa-Zulu Natal (KZN), South Africa</i>	<b>Mr Andrew T. Ntakadzeni</b>
<b>11:30-12:00</b>	<i>The impacts of sandstone quarrying on the environment and livelihood of communities in Lekokoaneng, Lesotho</i>	<b>Ms Lemohang Mokoka</b>
<b>12:00-12:30</b>	<i>Devolution for Development: A Sustainable Approach to Community-Based Disaster Risk Reduction in Sanyati District, Zimbabwe</i>	<b>Mr Muringani Jabson</b>
<b>12:30-13:00</b>	<i>Gap analysis of disaster management function in Free State Municipalities</i>	<b>Ms Matseliso Lemeko</b>
<b>13:00-14:00</b>	<b>LUNCH</b>	
	<b>MODERATOR:</b> Dr Zachariah Mshelia	
<b>14:00-15:00</b>	<p><b>Panel Discussion moderated by Dr Zachariah Mshelia and Dr Olivia Kunguma</b></p> <p><i>My PhD journey and contribution to Disaster Risk Management and Climate Change Adaptation</i></p>	<b>Ms Zukiswa Poto;</b> <b>Mr David Lufuno;</b> <b>Ms Olivia Chibwe;</b> <b>Ms Daizy S. Malwamba;</b> <b>Ms Mariëtte Joubert and</b> <b>Mr Osia Mokhele</b>

15:00-15:30	<b>TEA BREAK</b> ( <i>Get to know our sponsors</i> )	
15:30-16:15	<i>Developing a Comprehensive Urban Wastewater Management Tool for Resilient Cities in South Africa: Water-Energy-Nutrients Nexus</i>	<b>Mr Louis K. Sei</b>
16:15-16:45	<b>Chairperson:</b> Summary of challenges and remarkable learnings	<b>Mr Jurgens Dyssel</b>
<b>DAY 3</b> <b>19 April 2024</b>		
	<b>CHAIRPERSON: Dr Mel Reddy</b>	
	<b>MODERATOR: Dr Solomon Owolabi</b>	
08:30-09:15	<i>Mainstreaming Business Continuity South African Disaster Management Legislation for Improved Public Service Delivery by Metro Municipalities</i>	<b>Ms Zukiswa Poto</b>
09:15-10:00	<i>Assessing the Impacts of Flood Disasters on Environmental and Human Health in South African Communities Along Rivers: The Role of Poor Urban Development and Spatial Transformation</i>	<b>Ms Sibongile D. Moloise</b>
10:00-10:30	Announcements of Best Presentation Winners	<b>Prof Paul Oberholster</b>
10:30-11:00	Panel Discussion moderated by Prof Christo Coetzee and Dr Mel Reddy <i>Bridging the gap between research and practice in Disaster Risk Management and Climate Change Adaptation</i>	<b>Ms Koketso M. Mpshane</b> (Assistant Director NDMC) <b>Mr Tshepo E. Motlhale</b> (Chief Director GPDMC) <b>Mr Jerry Molelekoa</b> (Manager MMM) <b>Mr Mmberegeni Munzhelele</b> (Manager GPDMC) <b>Mr Mokete Charles</b> (Deputy Director FS PDMC)
11:00–11:30	<b>Chairperson:</b> Summary of challenges and remarkable learnings	<b>Dr Mel Reddy</b>
11:30-12:00	<b>TEA BREAK</b> ( <i>Get to know our sponsors</i> )	

12:00-12:15	Old Mutual: Area Manager – Retail Mass Market– <i>End of Colloquium word of thanks</i>	<b>Mr Aubrey Machaka</b>
12:15-12:30	Deputy Mayor – Mangaung Metropolitan Municipality - <i>End of Colloquium word of thanks</i>	<b>Ms Lulama Titi-Odili</b>
12:30-12:45	<i>End of Colloquium word of thanks</i>	<b>Prof Paul Oberholster</b>
12:45-13:30	Colloquium Appraisal Meeting (Organising Committee, Panellist and Partners)	<b>Dr Olivia Kunguma and Prof Paul Oberholster</b>
13:00-14:00	<b>LUNCH</b>	

*This program will cover the following nine themes from the presentations.*

#### **Colloquium themes**

- 1) Geographical information systems and remote sensing.
- 2) Ecosystem-based disaster risk reduction and climate change adaptation.
- 3) Humanitarian response and building resilient communities.
- 4) Public administration, governance, and disaster management.
- 5) Business continuity, technology, and strategy.
- 6) Disaster theories and models.
- 7) Local and indigenous knowledge systems.
- 8) Community-based disaster risk reduction
- 9) Resilience Building

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