

DMISA DRRC 2024



DMISA

DMISA, the voice of the Disaster Management community and the SAQA recognised professional body for Disaster Management in South Africa, proudly presents:



DISASTER RISK REDUCTION

C O N F E R E N C E

2024

21-22 November

CONNECTED CAPABILITY FOR FUTURE RESILIENCE

Connecting generations and communities to collectively build and maintain disaster risk reduction capability in the face of change and uncertainty.



CONFERENCE PROGRAMME

Message from the Executive Mayor

To all the delegates at this year's DMISA Disaster Risk Reduction Conference, I wish you a warm welcome to Cape Town. We are delighted to have you here in town, and to host you in our Council Chambers for this important knowledge sharing event.

As the world grapples with the effects of climate change and the threats posed by increasingly unpredictable weather patterns, it is crucial that we pool our expertise and exchange ideas at forums such as this on how to better prepare, mitigate, adapt and respond to disasters.

The theme of this year's conference – Connected Capability for Future Resilience – is something that really resonates with our own plans to future-proof our city. Resilience has become a key word for us here in Cape Town, as we strive to prepare our metro for a fast changing world. So much so that we created an entire directorate in the City called Future Planning and Resilience, which is now the filter through which all our plans and projects are passed.

Cape Town is growing and densifying at a rapid rate, and is about to become the most populous metro in South Africa. Together with this rapid growth, we are also seeing increases in extreme weather patterns which pose multiple threats to our communities – from severe storms and flooding to drought, heat and fires.

From our near disastrous multi-year drought a few years ago which brought us perilously close to Day Zero – the day our taps would run dry – to an extremely wet winter with record-breaking rainfall this year, it has become clear that our future planning has to take these extremes into account.

We have embarked on the most ambitious infrastructure pipeline ever undertaken in South Africa, and much of this infrastructure is aimed at making our city more resilient in the face of future shocks. We are transforming our energy landscape, we are exploring new water sources and we are building a water and sanitation network that can meet the needs of our residents decades into the future.

I hope that our learnings here in Cape Town will prove helpful to others, and that we will also stand to benefit from the experiences of others over the course of this conference. I want to thank the Disaster Management Institute of Southern Africa as well as the South African National Disaster Management Centre for their ongoing efforts to better prepare communities for the future.

Here's to a very productive DMISA 2024 conference.

Geordin Hill-Lewis
Executive Mayor, Cape Town



Message from the City of Cape Town Mayoral Committee Member for Safety and Security

It is my great privilege to welcome esteemed guests, delegates, members, speakers, and exhibitors to the annual DMISA Conference 2024. On behalf of the City of Cape Town, we are honoured to host this significant event.

We convene at a critical time when global and national food security and energy crises are pressing concerns, and our communities and households are increasingly affected by storms, floods, droughts, and fires. This conference serves as a vital platform for decision-makers, delegates, and practitioners to engage, exchange knowledge, and share experiences aimed at fostering risk-informed resilience and sustainable development.

I am confident that the sessions and discussions over the next few days will equip you with the insights and tools needed to better serve your communities upon your return. It is our hope that you will leave this conference not only informed but also invigorated, ready to tackle the challenges ahead with renewed determination and expertise.

Thank you for being here, and I look forward to the productive and meaningful exchanges that this conference will undoubtedly inspire.

JP Smith
MAYCO Member: Safety and Security
City of Cape Town



Message from the President of DMISA

I am honored to welcome our esteemed principals, delegates, members, speakers and exhibitors to the 2024 DMISA conference – “Connected Capability for Future Resilience”. The institute extends our gratitude to the City of Cape Town for hosting the conference and to our partners the National Disaster Management Centre, South African Weather Service, SANTAM and GIZ.



The opportunities that in person conferences provide to engage with the speakers and fellow delegates and to expand knowledge by sharing current developments and experiences and building long-term partnerships and networks are of immeasurable value in the continuing professional development of the disaster management profession, sector departments and decision makers. In an environment where cost containment is the order of the day, there is a need for innovative thinking on how to continue to develop the knowledge and skills essential for managing disasters in the most cost-effective manner. The power and reach of 4IR and other digital platforms and improving access to knowledge building through provincial and localized mini- conferences, colloquia, seminars and workshops need to be fully explored.

I am confident that we have assembled top class speakers and that you will leave with a renewed drive to harness the capacity of stakeholders and build a disaster resilient future.

Owen Becker
President: DMISA

DETAILED CONFERENCE PROGRAMME

“CONNECTED CAPABILITY FOR FUTURE RESILIENCE”

THURSDAY 21 NOVEMBER 2024: CONFERENCE DAY 1

07:15 - 08:15	REGISTRATION AND TEA / COFFEE	
08:15 - 08:25	DELEGATES TO TAKE THEIR SEATS	
PROGRAMME DIRECTOR: SESSION 1: Ms Lebogang Mosotho, Deputy President, DMISA		
Theme: Connected Capability		
08:25 - 08:30	ANNOUNCEMENTS	
08:30 - 09:30	OPENING CEREMONY	
08:30 – 08:35	CANDLE LIGHTING CEREMONY AND MINUTE OF SILENT REFLECTION, CONCLUDED WITH HOST NATION NATIONAL ANTHEM / AFRICAN UNION ANTHEM	Dr Mal Reddy, Board Member: DMISA
08:35 – 08:40	INTRODUCTION	Mr Owen Becker, President: DMISA
08:40 – 08:50	WELCOME AND HOST ADDRESS BY CITY OF CAPE TOWN	Ald Jean-Pierre Smith, MMC for Safety and Security, City of Cape Town
08:50 – 09:05	WELCOME TO THE WESTERN CAPE PROVINCE	Mr Anton Bredell, Western Cape Minister for Local Government
09:05 – 09:10	MESSAGE OF SUPPORT	Councillor Mluleki Nkosi, SALGA Emergency Services and Disaster Management National Working Group Chairperson
09:10 – 09:30	KEYNOTE ADDRESS AND OFFICIAL OPENING	Minister Velenkosini Hlabisa, National Minister of Cooperative Governance and Traditional Affairs
09:30 - 09:55	P1: Connected Capability for Future Resilience	Dr Johan Minnie, Board Member: DMISA
09:55 - 10:20	TEA / COFFEE AND VIEWING OF EXHIBITION	
10:20 - 10:45	P2: An overview of the state of Disaster Management in South Africa from the perspective of the National Disaster Management Centre	Dr Elias Sithole, Head: National Disaster Management Centre (NDMC), South Africa
10:45 - 11:10	P3: SA Weather Service initiatives and activities supporting connected disaster risk reduction capability and EW4ALL	Mr Rudzani Malala, Senior Manager, SA Weather Service
11:10 - 11:35	P4: Lessons learnt from the George Building Collapse	Mr Colin Deiner, HOC, Western Cape Provincial Disaster Management Centre / Mr Gerhard Otto, HOC, Garden Route District Disaster Management Centre
11:35 - 12:05	P5: Southern African Development Community (SADC) connecting capabilities and deepening partnerships for present and future resilience in the Region.	Dr. Pios Ncube, Programme Coordinator- Disaster Risk Management & Strengthening, Disaster Risk Management Unit, Southern African Development Community (SADC)/ Dr Mmaphaka Tau (Senior Development Advisor) & Ms Gorata Samuel (Junior Development Advisor), Resilience Initiative Africa (RIA) Southern Africa Component, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

12:05 - 12:15	QUESTIONS
12:15 - 12:30	Exhibitor presentation 1: Exhibitor 1, Exhibitor 2, Exhibitor 3
12:30 - 13:30	LUNCH AND VIEWING OF EXHIBITION

PROGRAMME DIRECTOR: SESSION 2: Ms Tshilidzi Nthambeleni, DMISA EXCO member		
AFTERNOON SESSION THEME: RISK-INFORMED DEVELOPMENT		
13:30 – 13:55	P6: An integrated approach to advancing disaster risk management training in the public sector: a case study of the South African DRM course in the Public Sector	Dr Mmaphaka Tau and Clifford Ferguson, Res4Dev Institute Pty Ltd.
13:55 – 14:20	P7: Disaster Risk Management Value Chain Mapping for the SADC Region	Dr Andries Jordaan, Executive Director: Resilience Globale
14:20 - 14:45	P8: Connected capability for disaster risk reduction in eSwatini	Mr Eric Seyama, Director: Research and Early Warning, National Disaster Management Agency, eSwatini
14:45 - 15:10	P9: Result based disaster risk management	Thinus Rabe, Omnus Exactus
15:10 - 15:30	TEA / COFFEE AND VIEWING OF EXHIBITION	
15:30 - 15:45	Exhibitor Presentation 2: Exhibitor 4 and 5, 6	
15:45 – 16:10	P10: Land surface modelling to improve the prediction of extreme weather and climate events	Patience Mulovhedzi, Researcher, Council for Scientific and Industrial Research
16:10 – 16:35	P11: Three Legged Black Pot model - Disaster Legislative Ownership on all three Spheres of government and the alignment thereof in practice.	Schalk Carstens, Noah
16:35 - 17:00	P12: Investigating The Role and Impacts of Insurance Companies in Disaster Management: A Case Study of eThekweni Municipality.	Nontobeko Nxumalo, ETDP SETA Intern: DiMTEC
17:00 – 17:15	ANNOUNCEMENTS: DAY 1, Day 1 Concluded	
19:00	GALA EVENING	

THE VIEWS EXPRESSED BY THE SPEAKERS ARE NOT NECESSARILY THOSE OF DMISA

"CONNECTED CAPABILITY FOR FUTURE RESILIENCE"		
FRIDAY 22 NOVEMBER 2024: CONFERENCE DAY 2		
07:45 - 08:15	REGISTRATION AND TEA / COFFEE	
08:15 - 08:25	DELEGATES TO TAKE THEIR SEATS	
PROGRAMME DIRECTOR: SESSION 3: Ms Freda Mathebula, DMISA Board		
MORNING SESSION THEME: IMPROVING THE DISASTER MANAGEMENT SYSTEM IN SOUTH AFRICA		
08:25 - 08:30	ANNOUNCEMENTS	
	CANDLE LIGHTING AND MOMENT OF SILENT REFLECTION	<i>Dr Niel Rooi, Board Member: DMISA</i>
08:30 - 08:55	<i>P13: Recommendations for Improving the Disaster Management System in South Africa</i>	<i>Dr Andries Jordaan, Executive Director: Résilience Globale Pty Ltd</i>
08:55 - 09:20	<i>P14: Integrating Strategy, Risk and Resilience: A New Paradigm for Effective Disaster Management</i>	<i>Michael Davies, Pax Resilience</i>
09:20 - 09:45	<i>P15: Working together to save life and reduce harm – enhancing multiagency interoperability through lessons learnt</i>	<i>John Spencer - International Protect & Prepare Regional Coordinator for Sub Saharan Africa (UK Government)</i>
09:45 - 09:55	QUESTIONS	
09:55 - 10:30	TEA / COFFEE AND VIEWING OF EXHIBITIONS	
10:30 - 10:55	<i>P16: Integrating Business Continuity into Disaster Management: Enhancing Resilience in South African Municipalities.</i>	<i>Zukiswa Poto, PhD candidate, UFS-DiMTEC</i>
10:55 - 11:20	<i>P17: Geospatial Analysis of the Shoreline Dynamics and its Environmental Effects on the eThekweni Coastline from 1990 – 2023 using Digital Shoreline Analysis Systems</i>	<i>Zacharia H. Mshelia,, Post Doctoral Research Fellow Disaster Management Training and Education in Africa (DiMTEC)</i>
11:20 - 11:45	<i>P18: Building Capacity for a Resilient Future: A Case Study of Disaster Risk Management at Apia Port</i>	<i>Yolandi Meyer, Climate Resilience, Royal Haskoning DHV</i>
11:45 - 12:10	<i>P19: Enhancing Disaster Risk Management: Participatory Three-Dimensional Modelling in South Africa</i>	<i>Rut Wielenga, University of Cape Town</i>
12:10 - 12:35	<i>P20: Western Cape Government Disaster Management Training 2024-25</i>	<i>Mr Marius Bartlett, Résilience Globale Pty Ltd</i>
12:35 - 13:40	LUNCH AND VIEWING OF EXHIBITS	
PROGRAMME DIRECTOR SESSION 4: Dr Mduduzi Nxumalo, DMISA Board		
AFTERNOON SESSION THEME: FUTURE RESILIENCE		
13:40 – 14:00	<i>P21: Use of Indigenous Knowledge in floods and droughts early warning for improved resilience in Namibia, Malawi and South Africa.</i>	<i>Alice Ncube, UFS-DiMTEC</i>
14:00 – 15:00	<i>Panel Discussion: Developing and connecting capability for future resilience</i>	Panel Members: <i>Dr Elias Sithole, Dr Mmaphaka Tau, Dr Mal Reddy, Dr Andries Jordaan</i>
15:00 – 15:30	TEA / COFFEE AND VIEWING OF EXHIBITIONS	
15:30 – 16:00	<i>Introduction of new Board members and Executive Committee</i>	
16:00 - 16:30	CLOSING CEREMONY	<i>Mr Owen Becker, President: DMISA</i>
	- CONFERENCE RESOLUTIONS	

	<ul style="list-style-type: none"> - SPECIAL AWARDS - VOTE OF THANKS - ANNOUNCEMENTS - SUMMARY AND CLOSURE <p>NATIONAL ANTHEM OF HOST COUNTRY</p>	
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Link: [Day 1](#)

DMISA TAKES THIS OPPORTUNITY TO ACKNOWLEDGE WITH SINCERE APPRECIATION THE GENEROSITY OF OUR PARTNERS AND SPONSORS:

