

5th National Global Change Conference



PROGRAMME SUMMARY



science & innovation
Department:
Science and Innovation
REPUBLIC OF SOUTH AFRICA



DAY 1 : 30 January 2023

OPENING PLENARY SESSION

Venue: Wynand Mouton Theatre

08:00	Registration		
09:00	Announcements and Housekeeping	Mr Herkulaas Combrink , Co-Chair, UFS Local Organising Committee	
09:15	Introductions	Dr Phil Mjwara , Director-General, Department of Science and Innovation	
09:25	Welcome by Host Institution	Prof Francis Petersen , Rector & Vice-Chancellor, University of the Free State Province	
09:40	Welcoming Remarks	Ms Sisi Ntombela , Premier of the Free State	
09:55	Message from NRF	Prof Fulufhelo Nelwamondo , President & CEO: NRF	
10:00	Message from DFFE	Ms Barbara Creecy , Minister of Forestry, Fisheries and the Environment	
10:30	Keynote Address	Dr Blade Nzimande , Minister of Higher Education, Science and Innovation	
11:00	Performance by the Odeion String Quartet		
11:10	REFRESHMENTS		
11:45	Scientific Address	Prof Tshilidzi Marwala , Former Vice-Chancellor of the University of Johannesburg and incoming Rector of the United Nations University <i>Technology for Leadership</i>	
12:30	Tree Planting	In honour of the late Prof Bob Scholes and Prof Maarten de Wit	
	Photographs and Interviews		
13:00	LUNCH		
Time	Track	Venue	Guest Speaker
14:00-17:30	Climate Change & Biodiversity	EWB Auditorium	Prof Guy Midgley
14:00-17:30	Alternative Energy	LG8 (Lower Ground)	
14:00-17:30	Ocean Monitoring	G2 (Ground Floor)	
14:00-17:30	Climate-smart Agriculture	G4 (Ground Floor)	Dr Mark Tadross
14:00-17:30	Resilient Cities & Communities	101 (First Floor)	Ms Liteboho Makhele
14:00-17:30	Innovative Opportunities in Science	103 (First Floor)	
14:00-17:30	Understand Venture Capital in South Africa	G3 (Ground Floor)	
18:30	Meet & Greet @ UFS		

DAY 2 : 31 January 2023**PLENARY SESSION****EBW Auditorium, EBW Complex (Lower Ground Floor)**

09:00	Welcome & Announcements	Dr Wisemen Chingombe , University of Limpopo and Chair of Global Change Scientific Committee	
09:10	Plenary Address	Prof Francois Engelbrecht , Professor of Climatology and Director of the Global Change Institute , University of the Witwatersrand	
Time	Track	Venue	Guest Speaker
11:20-13:00	Climate Change & Biodiversity	EWB Auditorium	
11:20-13:00	Smart Grids	LG8 (Lower Ground)	Dr Leonardo Gorjao
11:20-13:00	Knowledge for Global Change	G2 (Ground Floor)	Dr Rajesh Tandon
11:20-13:00	Climate-Smart Agriculture	G4 (Ground Floor)	
11:20-13:00	Extreme Climate Events	101 (First Floor)	
11:20-13:00	Leadership for Sustainability Transformation	103 (First Floor)	
14:00-17:50	Climate Change & Biodiversity	EWB Auditorium	
14:00-16:50	Smart Grids	LG8 (Lower Ground)	Dr Leonardo Gorjao
14:00-17:00	Knowledge for Global Change	G2 (Ground Floor)	
14:00-17:45	Climate-smart Agriculture	G4 (Ground Floor)	
14:00-17:45	Extreme Climate Events	101 (First Floor)	Dr Mary-Jane Bopape
14:00-17:45	Sustainable Cities - Phuthaditjhaba	103 (First Floor)	
16:50-1740	Minerals Carbonation	LGB (Lower Ground)	
17:45	Group 1: Visit to Planetarium Group 2: Visit to Boyden		

DAY 3 : 1 February 2023 (Morning)**PLENARY SESSION****EBW Auditorium, EBW Complex (Lower Ground Floor)**

09:00	Welcome & Announcements	Mr Barney Kgope , Director: Carbon Sinks Mitigation, Department of Fisheries, Forestry and the Environment	
09:10	Plenary Address	Prof Laura Pereira , Xxaro Research Chair, Global Change Institute, University of the Witwatersrand <i>Imagining transformative futures in the Anthropocene</i>	
Time	Track	Venue	Guest Speaker
11:20-13:00	Climate Change & Biodiversity	EWB Auditorium	
11:20-13:00	Off-grid Cities: Considerations for sustainability & Justice	LG8 (Lower Ground)	
11:20-13:00	Climate & Health	G2 (Ground Floor)	Dr Carradee Wright
11:20-13:00	Agriculture in a Changing Climate	G4 (Ground Floor)	Prof Sue Walker
11:20-13:00	Soil, Land & Climate Change	101 (First Floor)	
11:20-13:00	Water Resources & the Global Climate Crisis	103 (First Floor)	
12:00-13:00	Education & Skills Transformation for Just Transitions, Sustainability & the Future of Work	G3 (Found Floor)	
14:00-17:30	Climate Change & Biodiversity	EWB Auditorium	
14:00-17:30	Carbon Dioxide Removal	LG8 (Lower Ground)	
14:00-17:30	Climate & Health	G2 (Ground Floor)	
14:00-17:30	Agriculture in a Changing Climate	G4 (Ground Floor)	
14:00-17:30	Soil, Land & Climate Change	101 (First Floor)	
14:00-17:30	Water Resources & the Global Climate Crisis	103 (First Floor)	
14:00-17:30	Education & Skills Transformation for Just Transitions, Sustainability & the Future of Work	G3 (Ground Floor)	
18:30	GALA DINNER @ Leopards and Lace		

DAY 4 : 2 February 2023 (Morning)

PLENARY SESSION

EBW Auditorium, EBW Complex (Lower Ground Floor)

09:00	Welcome & Announcements	Mr Leluma Matookane , Director: Earth Systems Science, Department of Science and Innovation	
09:10	Plenary Address	Mr Happy Khambule , Manager: Environment & Energy, BUSA, Delegate to the UNFCCC, and President's Coordinating Commission on Climate Change <i>Just Transitions enablers of climate action or mitigators of impacts of climate action</i>	
Time	Track	Venue	Guest Speaker
11:20-13:00	Water Resources & the Global Climate Crisis	EWB Auditorium	Prof Paul Oberholster
11:20-13:00	Managing Global Change	LG8 (Lower Ground)	Dr Tlou Rarmaru
11:20-13:00	Master's in Climate Change & Sustainable Development	G2 (Ground Floor)	
11:20-13:00	Business Adaptation to Global Change	G4 (Ground Floor)	
11:20-13:00	Technology for Global Change	101 (First Floor)	Prof Vukosi Marivate
11:20-13:00	Waste Management	103 (First Floor)	
14:00-16:00	Water Resources & the Global Water Crisis	EWB Auditorium	
14:00-16:00	Managing Global Change	LG8 (Lower Ground)	
14:00-16:00	Drones	G2 (Ground Floor)	
14:00-16:00	Waste Management	G4 (Ground Floor)	
14:00-16:00	Habitable Planet	101 (First Floor)	
14:00-16:00	The South African Risk & Vulnerability Atlas	103 (First Floor)	
CLOSING PLENARY SESSION			
Director: TBC			
16:15 in the EBW Auditorium, EBW Complex (Lower Ground Floor)			
Closing Address	TBC		
Summing up	Dr Wisemen Chingombe , Chair, Global Change Science Committee		
Closing Remarks	Prof Corli Witthuhn , Vice-Rector: Research & Internationalisation, UFS		
17:45	Group 1: Visit to Planetarium Group 2: Visit to Boyden		

POSTER SESSIONS

Session	Day	Time	Venue
Alternative Energy	Day 1	16:50 – 17:30	LG8 (Lower Ground)
Ocean Monitoring	Day 1	16:50 – 17:30	G2 (Ground Floor)
Biodiversity (Vegetation & Invasives)	Day 2	10:10 – 11:10	EBW Auditorium
Water Quality	Day 2	10:10 – 11:20	103 (First Floor)
Climate Change & Health	Day 2	16:30 – 17:30	G2 (Ground Floor)
Minerals Carbonation	Day 2	17:30 – 17:40	LG8 (Lower Ground)
Climate-Smart Agriculture (1)	Day 2	16:50 – 17:45	G4 (Ground Floor)
Waste Management	Day 3	10:10 – 11:40	G3 (Ground Floor)
Climate-Smart Agriculture (2)	Day 3	10:10 – 11:00	101 (First Floor)
Soil, Land & Climate Change	Day 3	15:00 – 17:30	101 (First Floor)
Water Resource Management	Day 3	15:20 – 17:30	103 (First Floor)
Agriculture in a Changing Climate	Day 3	16:30 – 17:30	G4 (Ground Floor)
Resilient Cities & Communities	Day 4	10:10 – 11:20	101 (First Floor)
Climate Change & Biodiversity (Coastal)	Day 4	10:10 – 11:10	103 (First Floor)
Climate-Smart Agriculture (3)	Day 4	11:20 – 13:00	G3 (Ground Floor)
Business Adaptation to Global Change	Day 4	12:40 – 13:00	G4 (Ground Floor)
Technologies for Global Change	Day 4	12:40 – 13:00	101 (First Floor)
Water Resources/Access	Day 4	14:40 – 16:00	EBW Auditorium
Managing Global Change	Day 4	15:00 – 16:00	LG6 (Lower Ground)
Food Security	Day 4	15:00 – 16:00	G4 (Ground Floor)