



Programme

CONFERENCE | 10-12 SEPTEMBER 2025

DURBAN, SOUTH AFRICA | UNITE BUILDING, HOWARD COLLEGE, UKZN

<https://inclusivecities.ukzn.ac.za/>

THEME RESILIENT CITIES AND COMMUNITIES: ADAPTING TO CLIMATE CHANGE AND BEYOND





THEME RESILIENT CITIES AND COMMUNITIES: ADAPTING TO CLIMATE CHANGE AND BEYOND

DAY 1 | 10 SEPTEMBER

NATIONAL ANTHEM AND UKZN ANTHEM				9:00 – 9:09
PLENARY DISCUSSIONS				
			DURATION	TIME
1	WELCOME BY PLENARY CHAIR	Professor Lovemore Chipungu	10 mins	9:10 – 9:20
2	SETTING THE SCENE	Professor Hangwelani Magidimisha-Chipungu	10 mins	9:20-9:30
3	WELCOME REMARKS		25 mins	9:31 – 9:55
	Professor Neil Koorbanall, DVC / Dean of Research - University of KwaZulu-Natal, South Africa		5 mins	9:32 – 9:37
	Prof. Federico Settler, Dean and Head of School, School of Social Sciences		5 mins	9:38 – 9:43
	Mr Bongumusa Ndwandwe, Acting Registrar, The South African Council for Planners		5 mins	9:44 – 9:49
	Prof Daniel Mashao Executive Dean, University of Johannesburg, South Africa		5 mins	9:50 – 9:55
4	KEYNOTE LECTURES SESSION		90 mins	10:00 – 11:30
	Introduction of Keynote Speakers		10 mins	10:00 – 10:10
	KEYNOTE 1: Mr Thompson Bongumusa Mbhele, City Manager of eThekwin - represented by Prof Ngubane - Presentation title: Inclusivity: The Right to the City		25 mins	10:10 – 10:35
	KEYNOTE 2: Dr Belinda Verster, Department of Urban and Regional Planning, Cape Peninsula University of Technology, South Africa- Presentation title:		25 mins	10:35 – 11:00
5	QUESTIONS AND ENGAGEMENT		30 mins	11:00 – 11:30
6	OVERVIEW TO THE BREAKOUT ROOMS		10 mins	11:30 – 11:40
	ROOM 1	Climate Education and Policies	Dr Nyasha Minora	
	ROOM 2	Climate Extremes, Informal Economy and Human Settlement		
	ROOM 3	Climate Change and Innovation for The Future City		
7	CLOSING REMARKS		5 mins	11:40 – 11:45

END OF PLENARY SESSION

MOVE TO SESSIONS



Lovemore Chipungu

Lovemore CHIPUNGU is Professor at University of Kwazulu-Natal. He holds a Ph.D. in Town and Regional Planning, a Master's Degree in Rural and Urban Planning as well as a Bachelor of Science Degree (Honours) in Rural and Urban Planning. He is an active member of the Zimbabwe Institute of Regional and Urban Planners as well as a Corporate Member of the South African Planning Institute. He has published widely in peer reviewed journals and books; and his areas of interest are in housing policy, urban land and housing and urban design.

Professor Hangwelani Hope Magidimisha-Chipungu

Professor Hangwelani Hope Magidimisha-Chipungu holds the distinction of being the first black South African woman to achieve the prestigious rank of full professor in Town and Regional Planning. Her expertise in the intersection of climate change and the built environment is truly remarkable, making her a leading figure in this critical area of study.

Among her many accomplishments, Professor Magidimisha-Chipungu's research excellence is exemplified by her significant achievements, such as being recognised as the youngest South African Research Chairs Initiative (SARChI) Chair for Inclusive Cities at UKZN. Additionally, she has served as a National Planning Commissioner, is a member of the International Society of City and Regional Planners (ISOCARP) Scientific Committee, Alternate Chair for the South African Council for Planners and is a member of the KZN Planning Tribunal, among other notable roles. Professor Magidimisha-Chipungu's dedication to advancing knowledge in her field is evidenced by her position as a senior editor for the prestigious journal on Climate Interaction, published by Taylor and Francis.

Dr. Aleksandra Krstikj

Dr. Aleksandra Krstikj is a Full Research Professor in the School of Architecture, Art and Design at Tecnológico de Monterrey. She is the leader of the School's first national research group with a strategic focus on Sustainable Territorial Development. She teaches the Spatial Analysis course within the School's Master Program in Architecture and Urban Design. Dr. Krstikj holds a Master of Engineering in Architectural Engineering from the Kyoto Institute of Technology and a Ph.D. from the Graduate School of Engineering, Division of Global Architecture at Osaka University. Her research focuses on sustainable land use, spatial equity of services and resilience in planning. A particular emphasis is placed on the human and political dimensions of data when evaluating vulnerability and resilience within the context of urban planning. She has published her work in leading international scientific journals. In 2021, she co-edited the book **COVID-19 and Cities: Experiences, Responses and Uncertainties**, published by Springer. In March 2021, Dr. Krstikj was nominated for the Gender STI #WomenInLeadership campaign, which celebrates women leaders in science, technology and innovation. Dr. Krstikj is a Level 1 member of Mexico's National System of Researchers (SNI) and a member of the Architectural Institute of Japan.

Prof Mpilo Ngubane

Prof Mpilo Ngubane is the Executive Director of Cifal Durban, Chief Learning Officer of the eThekweni Municipal Academy and Adjunct Professor of Research at UNISA's School of Business Leadership (SBL). He is a seasoned Local Government expert having been a consultant, researcher, a writer, analyst and facilitator in the Local Government sector. He has 21 years of local government experience, eight years of which he served as the Municipal Manager. He holds 10 qualifications which include two Masters and two PhD degrees.

His forte has been policy development and implementation in the public sector and has done research and presented a number of papers in various national and international conferences and has written numerous Research Articles in Local Government published in International Journals. He is currently serving as the Chairman of the Institute of Local Government Managers Research and Professionalization Committee and is also serving on its National Executive Committee. He has been appointed by the Minister of Public Service and Administration as a member of the Ministerial Advisory Task Team on Professionalization of the Public Service. He has also been recently appointed by the same Minister as the member of the Ministerial Advisory Committee on Curriculum and Quality Assurance. He has served in a number of structures, boards and professional bodies and is currently a Board member of capacity building institute of the United Cities in Local Government Africa (UCLGA). He is also a registered Professional Executive Coach.



THE CITY OF INFORMALITY AND THE 'UN-FORMAL'

12 PRESENTATIONS

	AUTHOR/PRESENTER (S)	PRESENTATION TITLE	AFFILIATION	DURATION	TIME
1	Arkim Makhosa Lunga	Urban Planning Is No Longer Enough: Advancing Urban Design and Landscape Architecture as Cornerstones of Coastal Flood Resilience in Maputo, with Comparative Insights from Durban	Namibia University of Science and Technology	10 mins	12:00 – 12:10
2	Nyasha Minora and Hangwelani Magidimisha-Chipungu	Unravelling Urban Resilience and The Role of Built Environment Professionals: Challenges and Insights from Dakota Beach and Umdloti, South Africa	SARChI Chair for Inclusive Cities, University of KwaZulu-Natal	10 mins	12:10 – 12:20
3	Mwaniki, R, Dijj, C.J and Kabo-bah, A. T	Comparative Analysis of Urban Resilient Policies and Programmes in Four Major Cities in Sub – Saharan Africa	Department of Peace and Conflict Studies, Kampala International University, Uganda Sustainable Futures Institute, Nexus International University, Uganda Dean, International Relations Office, University of Energy and Natural Resources, Sunyani, Ghana	10 mins	12:20 – 12:30
4	Wandile Thwala, T. Gumbo and M. Mndzebele	Evaluating the Effectiveness of SDG 11 Monitoring and Implementation Frameworks at City Level: A Case Study of Mbabane, Eswatini	University of Johannesburg	10 mins	12:30 – 12:40
QUESTIONS AND ENGAGEMENT				20 mins	12:40 – 13:00
5	Matsila, A	The effectiveness of Tshwane City (TC) Spatial Development Framework (SDF) with a focus on SDF impact on sustainable development in the city	University of KwaZulu-Natal, Durban, South Africa and Chief Director: Integrated Spatial Planning, Department of Land Reform and Rural Development	10 mins	13:00 – 13:10
6	Darren Majiedt and YB Mashalaba	The Role of Urban and Regional Planning In Ensuring Vitality within Central Business Districts: A Case of Bloemfontein, RSA	University of Free State	10 mins	13:10 – 13:20



THE CITY OF INFORMALITY AND THE 'UN-FORMAL'

12 PRESENTATIONS

	AUTHOR/PRESENTER (S)	PRESENTATION TITLE	AFFILIATION	DURATION	TIME
7	Khwathelani Violet Tshifularo, Trynos Gumbo and Innocent Moyo	Environmental social governance framework realization in developing countries: A case of Aggeneys	University of Johannesburg, Johannesburg, South Africa, University of Johannesburg, Johannesburg, South Africa and the University of Zululand, South Africa	10 mins	13:20 – 13:30
8	Nkosinathi Dube, Thulisile Mphambukeli and Thembani Moyo	A Review on A Comparative Analysis of Climate Change Policies in the Global North and South for Coastline Management Plan		10 mins	13:30 – 13:40
QUESTIONS AND ENGAGEMENT				20 mins	13:40 – 14:00
9	Mashula, N and Ramulifho E, L.	Climate Change Education in South Africa: A Content Analysis of Curriculum and Policy Frameworks across Basic and Higher Education	South African Cities Network	10 mins	14:00 – 14:10
10	Adivhaho Mpho Nengwekhulu and Vhonani Netshandama	Empowering Climate Action through Education: A transformative transdisciplinary learning	University of Venda	10 mins	14:10 – 14:20
11	Mncedisi C. Maphalala, Azwidohwi P. Kutame and Samantha Govender	Advancing the role of Higher Education Institutions in Promoting Climate Change Education	University of South Africa, University of Venda, University of Zululand	10 mins	14:20 – 14:30
12	Njabulo Ntuthuko Mchunu, Lerato Moshoeshoe and Magidimisha-Chipungu, H	Advancing State Readiness: Towards Developing a Framework for Assessing Municipal Disaster Risk Management Plans in South Africa	SARChi for Inclusive Cities, University of KwaZulu-Natal, South Africa	10 mins	14:30 -14:40
QUESTIONS AND ENGAGEMENT				20 mins	14:40 – 15:00

END OF DAY 1



CLIMATE EXTREMES, INFORMAL ECONOMY AND HUMAN SETTLEMENT

11 PRESENTATIONS

	AUTHOR/PRESENTER (S)	PRESENTATION TITLE	AFFILIATION	DURATION	TIME
1	Leonard Chitongo	Planning for Resilience: Urban Informality, Flooding and Climate Adaptation in Southern Africa – Insights from Namibia, South Africa and Botswana	Department of Biological and Environmental Sciences, Walter Sisulu University, Mthatha, South Africa	10 mins	12:00 – 12:10
2	Buhle Dube, Thulisile Mphambukeli and Trynos Gumbo	Resilience in a dry region: Understanding the resilience of agro informal traders in Bulawayo in the context of climate-induced water scarcity	University of Johannesburg	10 mins	12:10 – 12:20
3	Zekhethelo Mshengu, Trynos Gumbo and Thulisile Mphambukeli	Unplanned and informal spaces in the changing climate	University of Johannesburg	10 mins	12:20 – 12:30
4	Costly Chanza and Mtafu Manda	Mapping Vulnerabilities: Leveraging Geo-Spatial Methodologies for Enhanced Urban Resilience in Blantyre and Zomba Cities in Malawi	Department of the Built Environment, Mzuzu University	10 mins	12:30 – 12:40
QUESTIONS AND ENGAGEMENT				20 mins	12:40 – 13:00
5	Diji, C.J, Mwaniki, R. and Owona, G	Flooding and Urban Resilience Planning in Kampala, Uganda	Nexus University, Kampala	10 mins	13:00 – 13:10
6	Mokgaetsi Florence Koenaitse	Reclaiming Resilience: Integrating Informal Waste Reclaimers in the Vision of Johannesburg's Future City	University of the Witwatersrand	10 mins	13:10 – 13:20
7	Retsepile C. Kalaoane, Trynos Gumbo and Sipiwe Mbatha	Beyond the Grid: Informal Labor and the Quest for an Inclusive Energy Transition	Department of Urban and Regional Planning, University of Johannesburg, Johannesburg, South Africa	10 mins	13:20 – 13:30
8	S.G Mbatha and T. Gumbo	Contribution of informal settlements to Climate Change: A Case Study Approach	University of Johannesburg	10 mins	13:30 – 13:40
QUESTIONS AND ENGAGEMENT				20 mins	13:40 – 14:00



CLIMATE EXTREMES, INFORMAL ECONOMY AND HUMAN SETTLEMENT

11 PRESENTATIONS

	AUTHOR/PRESENTER (S)	PRESENTATION TITLE	AFFILIATION	DURATION	TIME
9	Kgoori Irene Swana, Logistic Makoni and Kevin Mearns	Informal Livelihoods and Climate Resilience: The Case of Curio Traders in Tshwane, South Africa	College of Agriculture and Environmental Sciences, Department of Environmental Sciences, University of South Africa.	10 mins	14:00 – 14:10
10	Abdulrasaq Ajadi Ishola, Tafadzwa Clementina Maramura and Trynos Gumbo	Assessing Climate Risks and Infrastructure Vulnerabilities in South African Cities	University of Johannesburg	10 mins	14:10 – 14:20
11	Tinashe Magande, Innocent Chirisa and Thulisile Ncamsile Mphambukeli	Human Agency and Adaptive Strategies in Climate-Stressed Communities: Insights from Emalahleni's Energy-Water Nexus	Department of Urban and Regional Planning, University of Johannesburg	10 mins	14:20 – 14:30
QUESTIONS AND ENGAGEMENT				20 mins	14:40 – 15:00

END OF DAY 1





CLIMATE CHANGE AND INNOVATION FOR THE FUTURE CITY

11 PRESENTATIONS

	AUTHOR/PRESENTER (S)	PRESENTATION TITLE	AFFILIATION	DURATION	TIME
1	Isaac Tsholofelo Tabane, Trynos Gumbo and Thembani Moyo	Decarbonising Inner City Public Transit System: BRT Designs, Policy Perspective and Stakeholder Engagement	Department of Urban and Regional Planning, University of Johannesburg	10 mins	12:00 – 12:10
2	Sibanda, M.L	From Policy to Practice: Urban Housing for Climate Resilience and Sustainability in South Africa - Insights from Lynedoch Eco-Village -	University of KwaZulu Natal	10 mins	12:10 – 12:20
3	Ramulifho A,E and Mashula N	Climate-Induced Displacement and Migration in South African Cities: The Smart Migration Hub as an Innovative Solution	South African Cities Network	10 mins	12:20 – 12:30
QUESTIONS AND ENGAGEMENT				20 mins	12:30-12:50
5	Lerato Ramasesane	A critical analysis of civil society's engagement on the just energy transition discourse in South Africa: Dynamics and debates	University of Johannesburg	10 mins	12:50-13:00
6	Retsepile C. Kalaoane, Thembani Moyo, Thulisile Mphambukeli, Trynos Gumbo	Safe but Unsafe: The Paradox of Smart Mobility for Women in African Cities	University of Johannesburg, South Africa	10 mins	13:00-13:10
7	Letsoko, V	Implementing the Just Energy Transition: Reflections from Municipal Practitioners in South Africa	Department of Urban and Regional Planning, University of Johannesburg, South Africa	10 mins	13:10-13:20
8	Moline Mungate	From Vulnerability to Agency: Gender-Inclusive Housing in Climate Adaptive Urban Planning	University of KwaZulu-Natal	10 mins	13:20-13:30
QUESTIONS AND ENGAGEMENT				20 mins	13:30-13:50



CLIMATE CHANGE AND INNOVATION FOR THE FUTURE CITY

11 PRESENTATIONS

	AUTHOR/PRESENTER (S)	PRESENTATION TITLE	AFFILIATION	DURATION	TIME
9	Tumiso Kobola and Vhonani Olive Netshandama	When the Rains Fell Too Hard: Stories of Climate Change and Community Innovation in South Africa	University of Venda	10 mins	13:50-14:00
10	Bonolo Helen Letlape, Trynos Gumbo, Mhlalisi Mndzebele and Kammila Naidoo	Market Driven Gentrification and the Urban Future: A Case Study of Braamfontein in the Quest for Sustainable Cities	University of Johannesburg	10 mins	14:00-14:10
11	Mbatha, S, Mndzebele, M, Moyo, T, Mzobe, M, Letsoko, V. and Gumbo, T	The Impact of Smart Cities on Achieving Sustainable Climate Goals: A Global Perspective	University of Johannesburg	10 mins	14:10-14:20
12	Edmore Mutsaa and Hangwelani Hope Magidimisha-Chipungu	Urban Water Scarcity, the Next Frontier of Contestation: Towards Integrating Urban Water Management into Urban Planning for a Climate-Resilient and Water-Secure Durban	School of Built Environment and Development Studies,	10 mins	14:20-14:30
QUESTIONS AND ENGAGEMENT				20 mins	14:30-14:50

END OF DAY 1



THEME RESILIENT CITIES AND COMMUNITIES: ADAPTING TO CLIMATE CHANGE AND BEYOND

DAY 2 | 11 SEPTEMBER

UKZN VIDEO				9:00 – 9:09
REFLECTION FROM DAY 1				
PLENARY DISCUSSIONS				
			DURATION	TIME
1	WELCOME BY PLENARY CHAIR	Prof Trynos Gumbo and Dr Zakhi Mkhize	10 mins	9:10 – 9:20
2	WELCOME REMARKS		20 mins	9:21 – 9:37
	Professor Natasha Potgieter, Executive Dean for the Faculty of Science, Engineering and Agriculture, University of Venda, South Africa			
	Federal University of Technology, Minna, Nigeria			
	Mzuzu University, Malawi			
	Professor Magnus Amajirionwu, Vice – Chancellor, Nexus International University, Kampala			
3	KEYNOTE LECTURES SESSION		50 mins	9:40 – 10:50
	KEYNOTE 1: Mr Clinton Heimann, Acting Director General, National Department of Land Reform and Rural Development, South Africa. Presentation Title: Urban Resilience as a Social Contract: Geospatial Futures for Inclusive and Climate-Ready Cities		25 mins	9:40 – 10:05
	KEYNOTE 2: Professor Michael Khan, Visiting Professor, Department of Business and Economic, University of Johannesburg, South Africa. Presentation Title: Inclusive innovation for resilient habitats - precedents and prospects		25 mins	10:06 – 10:30
4	DISCUSSION AND ENGAGEMENT		20 mins	10:31 – 10:50
5	OVERVIEW TO THE BREAKOUT ROOMS		5 mins	10:51 – 10:55
	ROOM 1	Peri-Urban Zones and Local People Working with Climate Change	Mr Matlala Mosima	
	ROOM 2	Post-Disaster Recovery, Reconstruction and Climate		
	ROOM 3	Innovating Through Climate Change for Resilience and Emerging Ideas		
6	VIDEO PROMOTIONS		5 mins	10:56 – 11:00

END OF PLENARY SESSION

MOVE TO SESSIONS



THEME RESILIENT CITIES AND COMMUNITIES: ADAPTING TO CLIMATE CHANGE AND BEYOND

DAY 2 | 11 SEPTEMBER

Professor Michael Kahn

Professor Michael Kahn is an independent adviser and evaluator of research and innovation and has served as Ministerial Advisor, government official, NGO director, academic and researcher, Executive Director of the Human Sciences Research Council and as international consultant. He has wide experience as a facilitator, trainer and mentor. His interests span arts and culture, education, ICT and the political economy of technological change. He has contributed to South Africa's innovation policy, co-authoring the ANC Policy on Science and Technology, the 1996 White Paper on Science and Technology and leading and designing the National Research and Technology Foresight study. Other seminal contributions include the Performance Measurement System for the Science Councils, studies on the mobility of the highly skilled, co-authorship of the 2012 Report of the Ministerial Review Committee on the STI Landscape, the 2017 Performance Analysis of the SA innovation System for the National Advisory Council on Innovation and novel work on innovation in the TVET sector.

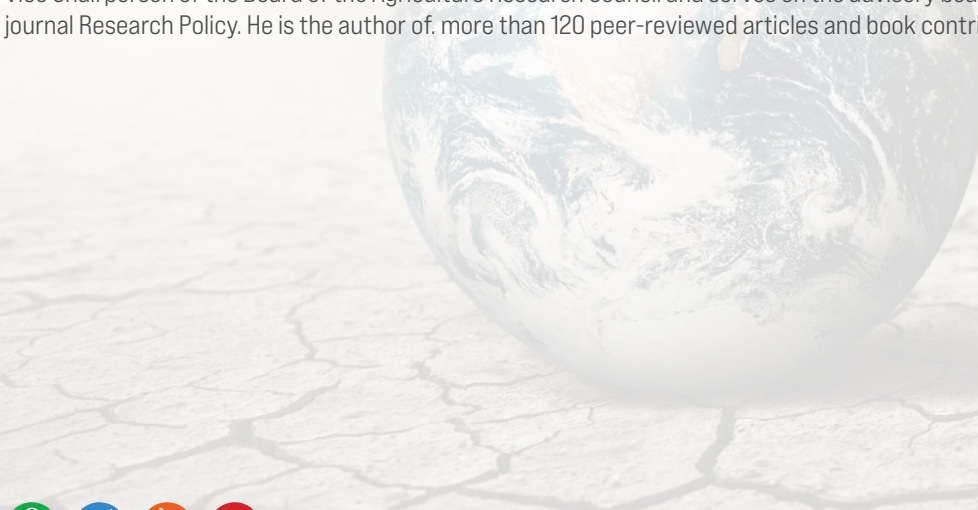
Clients include the Department of Science, Technology and Innovation, The Presidency, National Planning Commission, Academy of Science of South Africa, the World Bank system, UNESCO, the International Social Science Council, the International Gas Union, European Science Foundation, Finland Ministry of Foreign Affairs, IDRC, European Commission, Ramboll (Denmark), Deloitte Consulting, NIRAS (Finland), Innovos (Argentina), Qatar Statistics Authority, Mozambique Ministry of Science and Technology, UNESCO Institute for Statistics and African Union/ NEPAD SandT for whom he codesigned the ASTI Initiative and the AU Observatory of STI. Professor Kahn is an elected member of the Academy of Science of South Africa, was Vice Chairperson of the Board of the Agriculture Research Council and serves on the advisory board of the journal Research Policy. He is the author of more than 120 peer-reviewed articles and book contributions.

Clinton Heimann

Clinton Heimann is the Deputy Director General of Spatial Planning and Land Use Management in the National Department of Agriculture Land Reform and Rural Development. A registered Town and Regional planner by profession, he holds a Master's degree in Town and Regional Planning from the University of Pretoria. He has more than 24 years of professional experience, with a specific focus on strategic planning and programme development and the management of infrastructure and agricultural projects, including infrastructural and institutional development for rural and urban areas in South Africa.

He has worked in numerous National Departments, including the: 1. Department of Public Works and Infrastructure, 2. Department of Environment, Forestry and Fisheries, 3. Department Cooperation Governance and Traditional Affairs. He is currently responsible for managing and implementing the Department's policies, programmes and budgets across all regions and provinces, as well as promoting integrated spatial planning and land management throughout South Africa through strategic partnerships with relevant national and international stakeholders. He represents South Africa at the UN-GGIM and the UN-GGIM Africa and various other high-level meetings and partnership the SDG Data Alliance. His current functions include administering the following National Acts: 1. Spatial Planning and Land Use Management Act; 2. the Spatial Data Infrastructure Act; and 3. the Planning Professions Act. His key areas of focus over the next 3 years are: 1. The embedding and implementation of the recently gazetted, National Spatial Development Framework 2050, which is South Africa's long-term vision for spatial planning and development and 2. The development of the South African Spatial Data Infrastructure (SASDI) the cornerstone of the National Spatial Data Infrastructure (NSDI), will enable the integration of spatial information into decision-making to this end the SDG Data Alliance provides a sound basis for information and technology sharing.

This work includes supporting and strengthening the Committee on Spatial Information in terms of coordination, monitoring and development of spatial information policies, standards and strategies across the different levels of government.





THEME RESILIENT CITIES AND COMMUNITIES: ADAPTING TO CLIMATE CHANGE AND BEYOND

DAY 2 | 11 SEPTEMBER

Dr Zakhi Mkhize

Dr Zakhi Mkhize is an enthusiastic and multi-award-winning Professional Planner and an internationally recognised Urbanist. My special interests are urban regeneration and facilitating sustainable urban development and inclusive cities/towns through relevant Land use management and control linked to long-term Spatial strategies and frameworks. My journey started in the second year of my Planning studies at the University of Natal when I joined an Urban Economic Development firm; at the time, the firm was contracted to undertake various urban renewal projects, which included township regeneration in Umlazi and INK area with a specific key project including the upgrade of the Princess Magogo Stadium precinct. I later joined the Ethekewini Municipality Special Project team to upgrade the Moses Mabhida stadium precinct to enable Durban to host the 2010 Soccer World Cup.

As a seasoned Planner in eThekweni, I have successfully led various inner-city urban regeneration programmes, worked with Land Use Management Systems and influence the Strategic Planning Policy Framework to create a unique regional and urban environment. One of the main achievements in my Planning career is receiving SA Women in Property Professional of the Year: Public Sector 2018 awarded, Africa Forum for Urban Safety (AFUS) awarded a Certificate of Excellence 2018 in Shaping Urban Public Space Open space as a catalyst for Integrated safe neighbourhoods and awarded an award of Excellence 2018 by International Society Congress Association of Regional Planners (ISOCARP) under the category of Transforming the Segregated Apartheid cities.

Professor Trynos Gumbo

Prof Gumbo is a Full Professor and Head of the School of Civil Engineering and the Built Environment (SCEBE) at the University of Johannesburg. He is also the leader of the Sustainable and Smart Cities and Regions research group in the Department of Urban and Regional Planning within the same institution. He is registered as a Professional Planner with the South African Council of Planners (SACPLAN) and holds a C2 National Research Foundation (NRF) rating which signifies international research standing and repute. He is a corporate member of the South African Planning Institute (SAPI) and the Zimbabwe Institute of Rural and Urban Planners (ZIRUP). Prof Gumbo holds Bachelor of Science Honours and Master of Science degrees in Rural and Urban Planning (BRUP) from the University of Zimbabwe (UZ) and a Philosophy Degree (PhD) from Stellenbosch University (SUN). He recently completed a Post Graduate Diploma in Higher Education (PGDip-HE) at Rhodes University (RU) with a distinction. Prof Gumbo joined the Urban and Regional Planning Department (DURP) at the University of Johannesburg (UJ) as a Senior Lecturer in 2014 and was appointed the Head of Department in 2016. He was promoted to the position of Associate Professor in 2018 and later to the position of Full Professor in 2022.

Prof Gumbo's research interests are wide, inter, and multidisciplinary in nature and they intersect among and around the building blocks of the sustainable development of cities and regions. He has published at least 60 journal articles, 5 authored books; 20 book chapters and over 100 peer reviewed conference proceedings and 5 policy briefs. He has supervised over 60 masters; over 20 PhDs to completion and 8 Post Doctoral Fellows.





PERI-URBAN ZONES AND LOCAL PEOPLE WORKING WITH CLIMATE CHANGE

11 PRESENTATIONS

	AUTHOR/PRESENTER (S)	PRESENTATION TITLE	AFFILIATION	DURATION	TIME
1	Bothwell Nhlalo Sibanda, Trynos Gumbo and Thendo Mafame	Spatial distribution and socio-economic impacts of soil mining in the City of Bulawayo	Department of Urban and Regional Planning, University of Johannesburg	10 mins	12:00 – 12:10
2	Loudon Luka	Mapping land use and land cover changes to explore the role of Nature-based Solutions (NBS) in addressing Mzuzu city's resilience and sustainability challenges	Mzuzu University, Malawi.	10 mins	12:10 – 12:20
3	Japhet khendlo, Roodheer Beeharry and Rajeshwar Goodary	Remote Sensing-Based Geospatial Analysis of Channel Migration Patterns in the Lower Shire Valley of the Shire River, Chikwawa District, Malawi	University of Mascareignes, Mauritius	10 mins	12:20 – 12:30
4	Iyobhebhe Sebastine and Chukwudi B. Ohadugha	Assessment Of the Impact of Gully Erosion on Urban Development in Auchi Edo State	Department of Urban and Regional Planning, Federal University of Technology, Minna -Niger State, Nigeria.	10 mins	12:30 – 12:40
QUESTIONS AND ENGAGEMENT				20 mins	12:40 – 13:00
5	Lekgolo Caroline Mayatula	From Inclusive Placemaking to Sustainable Communities: Children's Participation in Planning Public Recreational Facilities: The Case of Paterson Park Multipurpose Centre, Norwood in Johannesburg	Department of Urban and Regional Planning, University of Johannesburg, South Africa	10 mins	13:00 – 13:10
6	Faith Chinete, George Pfuwai Miti, Vigilant Zibako, Munashe Catharine Kurehwatira, Sebastian Chakeredza, Joseph Kamuzhanje	Urban Agriculture as a Nature-Based Solution: A Pathway to Climate-Resilient Cities in Zimbabwe: The Case of Urban Agriculture Initiatives in Mutare, Zimbabwe	Cooper Zimbabwe	10 mins	13:10 – 13:20
7	L. P. Matshika, T. Gumbo and K. Puren	Customary Land Tenure, Middle-Class Self-Help Housing and Urban Resilience in Africa's Peripheries: A Systematic Review	University of Johannesburg	10 mins	13:20 – 13:30
8	Onthatile Mohlahlana and James Chakwizira	Let's stop acting surprised: Climate Change is not new! Adapting to Climate Change in South Africa Through Land Use and Building Codes	Department of Urban and Regional Planning, University of Venda, Limpopo, South Africa	10 mins	13:30 – 13:40
QUESTIONS AND ENGAGEMENT				20 mins	13:40 – 14:00



POST-DISASTER RECOVERY, RECONSTRUCTION AND CLIMATE INFRASTRUCTURE

11 PRESENTATIONS

	AUTHOR/PRESENTER (S)	PRESENTATION TITLE	AFFILIATION	DURATION	TIME
9	¹ Hisham Sharif Bala, ¹ Baizhan Li, ¹ Chenqiu, Du, ² Danjuma Abdu Yusuf and ² Shafi'u Adamu	Urban Heat Vulnerability in a Changing Climate: Temporal Analysis of Exposure Patterns, Health Impacts and Adaptation Deficits in Katsina, Nigeria	¹ Chongqing University ² Aliko Dangote University of Science and Technology, Nigeria	10 mins	14:00 – 14:10
10	Adekanmi Abraham Adewuyi and Moses Omoloja	Climate Change and Property Values in Coastal Corridors of Etiosa Local Government Area, Lagos State	Department of Estate Management, Lead City University, Ibadan, Nigeria	10 mins	14:10 – 14:20
11	Tsungai Mukwashi, Thulisile Mphambukeli and Innocent Chirisa	In the Shadow of Power: Energy Justice, Climate Resilience and Decentralized Solar Solutions in Informal Settlements of Lephalale, South Africa	Department of Urban and Regional Planning, University of Johannesburg	10 mins	14:20 – 14:30
QUESTIONS AND ENGAGEMENT				20 mins	14:30-14:50

END OF DAY 2





POST-DISASTER RECOVERY, RECONSTRUCTION AND CLIMATE INFRASTRUCTURE

11 PRESENTATIONS

	AUTHOR/PRESENTER (S)	PRESENTATION TITLE	AFFILIATION	DURATION	TIME
1	Nolwazi Blose	The Role of Public-Private Partnerships in Post-disaster Recovery and Reconstruction of Human Settlements in South Africa: Case study of the 2022 KwaZulu-Natal Floods	School of Social Sciences, University of KwaZulu-Natal	10 mins	12:00 – 12:10
2	J. B. Taiwo, E. B. Jaiyeoba and O. J. Omojola	Post-disaster housing projects in Ibadan Metropolis, Critical X-ray of community participation in the planning and design stages	Department Architecture, University of Ibadan	10 mins	12:10 – 12:20
3	Thembelihle Mlokoti and Errol Douwes	Enhancing climate change resilience and adaptation in Durban through community driven reforestation	eThekweni Municipality, Biodiversity Management Department, Durban and School of Life Sciences, University of KwaZulu-Natal	10 mins	12:20 – 12:30
4	Bantu Mbhele, Siyethemba Buthelezi, Nokukhanya Mbhele and Asanda Shobede	Assessing climate risks and vulnerabilities: climate change responses strategy for Harry Gwala district municipality	IGULA EDP Innovations and Nokukhanya Foundation	10 mins	12:30 – 12:40
QUESTIONS AND ENGAGEMENT				20 mins	12:40 – 13:00
5	Fulufhelo Nyadzani	The dynamics of local government developmental approaches and environmental governance: A pursuit of resilient intermediate cities	University of KwaZulu-Natal	10 mins	13:00 – 13:10
6	Silindile Nhlangulela	Reimagining the Future of Spatial Planning in Mitigating Climate Induced Infrastructure Failure – A Comparative Case Study of Ntuzuma and Umdloti, KwaZulu-Natal	School of Architecture, Planning and Geomatics, University of Cape Town	10 mins	13:10 – 13:20
7	Mlungisi. S Zitha, N.P Dube, T.N Mphambukeli and T Moyo	A Review on Preparedness, Response and Recovery Towards Climate Change: Greater Riverside Biodiversity Initiative for Sustainable Urban Planning and Growth	University of KwaZulu-Natal, South Africa.	10 mins	13:20 – 13:30
8	Thabelo Ramantswana and Tumeke Bikistsha	Adaptive Reuse for Social Housing in South Africa: A Post-Crisis Urban Recovery Strategy		10 mins	13:30 – 13:40
QUESTIONS AND ENGAGEMENT				20 mins	13:40 – 14:00



PERI-URBAN ZONES AND LOCAL PEOPLE WORKING WITH CLIMATE CHANGE

11 PRESENTATIONS

	AUTHOR/PRESENTER (S)	PRESENTATION TITLE	AFFILIATION	DURATION	TIME
9	¹ Juliet Akola, ¹ Mvuyana, BYC and ² Kayiira Joseph.	Strategies to overcome barriers in implementing climate-resilient infrastructure in informal settlements: A systematic review of global evidence	¹ Public Administration and Economics Department, Mangosuthu University of Technology ² Faculty of Management, Commerce and Law, Department of	10 mins	14:00 – 14:10
10	Sharon Rikhotso, Trynos Gumbo and Mhlalisi Mndzebele	Investigating the Role of Sustainable Drainage Systems in Flood Management and Infrastructure Development	Department of Urban and Regional Planning, Faculty of Engineering and the Built Environment, University of Johannesburg	10 mins	14:10 – 14:20
11	Edmore Mutsaa, Hangwelani Hope Magidimisha-Chipungu and Lovemore Chipungu	Dissonance of the Greenfield Smart Cities Model and Climate Resilience in the African Cities	School of Built Environment and Development Studies, Discipline of Planning, University of KwaZulu Natal.	10 mins	14:20 – 14:30
QUESTIONS AND ENGAGEMENT				20 mins	14:30-14:50

END OF DAY 2



INNOVATING THROUGH CLIMATE CHANGE FOR RESILIENCE AND EMERGING IDEAS

11 PRESENTATIONS

	AUTHOR/PRESENTER (S)	PRESENTATION TITLE	AFFILIATION	DURATION	TIME
1	Mhlaisi Mndzebele, Vuyiswa Letsoko, Nompumeleo Mzobe, Moyo Thembanani and Siphwiwe Mbatha	Sustainable Planning Promoting Urban Safety: A Case Study of Soweto, Johannesburg	Department of Urban and Regional Planning, University of Johannesburg,	10 mins	12:00 – 12:10
2	Phakamani Linda Masuku and and Erwin Sieben	Incorporation of Climate Change Resilience into Conservation and Land Use Planning in eThekweni Municipality: Assessing the Impacts of Climate Change on Biodiversity and Ecosystem Services in D'MOSS Climatic Sensitive Areas	School of Agricultural, Earth and Environmental Sciences, University of KwaZulu-Natal,	10 mins	12:10 – 12:20
3	Nyasha Minora and Hangwelani Magidimisha-Chipungu	Exploring Climatic Change Policy Gaps: Adaptation Strategies for Sustainable Urban Landscapes	SARChI Chair for Inclusive Cities, University of KwaZulu-Natal	10 mins	12:20 – 12:30
4	Khethani Ravele, Mhlalisi Mndzebele and Trynos Gumbo	Beyond Social Tolerance: Socio-Spatial Integration, Resilience and Climate Change in Johannesburg's Mixed-Income Housing Developments	University of Johannesburg	10 mins	12:30 – 12:40
QUESTIONS AND ENGAGEMENT				20 mins	12:40 – 13:00
5	Kiara Rampaul	From Vulnerability to Viability: Strategies for Futureproofing Cities Under Climate Stress	University of KwaZulu-Natal	10 mins	13:00 – 13:10
6	Tsungai Mukwashi, Thulisile Mphambukeli and Innocent Chirisa	In the Shadow of Power: Energy Justice, Climate Resilience and Decentralized Solar Solutions in Informal Settlements of Lephalale, South Africa	Department of Urban and Regional Planning, University of Johannesburg, Johannesburg, South Africa, Department of Urban and Regional Planning, University of the Free State, Bloemfontein, South Africa and Office of the Vice Chancellor, Zimbabwe Ezekiel Guti University, Bindura, Zimbabwe	10 mins	13:10 – 13:20
7	Retsepile C. Kalaoane and Trynos Gumbo	Challenging the Leaky Pipeline: A longitudinal study on representation of women in STEM	Department of Urban and Regional Planning, University of Johannesburg, Johannesburg, South Africa	10 mins	13:20 – 13:30



INNOVATING THROUGH CLIMATE CHANGE FOR RESILIENCE AND EMERGING IDEAS

11 PRESENTATIONS

	AUTHOR/PRESENTER (S)	PRESENTATION TITLE	AFFILIATION	DURATION	TIME
8	Nkosinathi Dube, Thembani Moyo and Thulisile Mphambukeli	Systematic Review on Climate-related Assessment by Mapping Coastline Evolution Using Integrated Remote Sensing and GIS Methods	Department of Urban and Regional Planning, Faculty of Engineering and the Built Environment, University of Johannesburg	10 mins	13:30 – 13:40
QUESTIONS AND ENGAGEMENT				20 mins	13:40 – 14:00
9	Bradley van der Walt and Ockert R. Pretorius	Local government perspective of the impact of transit-oriented development on socio-economic access in the City of Johannesburg	Department of Urban and Regional Planning, University of Johannesburg	10 mins	14:00 – 14:10
10	Nedzungani Mutshidzi	Our Stories Know the Way: Decolonising Education with Tshivenda Storywork	University of Venda	10 mins	14:10 – 14:20
11	Abdulrasaq Ajadi Ishola, Tafadzwa Clementina Maramura and Trynos Gumbo	Multi-Use Infrastructure Design for Climate Resilience: A Framework for South African Cities	University of Johannesburg	10 mins	14:20 – 14:30
QUESTIONS AND ENGAGEMENT				20 mins	14:30-14:50

END OF DAY 2



UKZN VIDEO	10 mins	9:00 – 9:09
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PANEL 1 - THINKING FORWARD

1		DURATION	TIME
PANELIST	Professor Hangwelani Magidimisha-Chipungu, University of KwaZulu-Natal, RSA	60 mins	9:10 - 10:10
PANELIST	Professor Patrick Cobbinnah, University of Melbourne, Australia		
PANELIST	Professor Michael Hardman, University of Salford, United Kingdom		
PANELIST	Professor Claudia Loggia, Department of Architecture, UKZN		

PANEL 2 - RESILIENCE FROM THE MARGINS: RETHINKING INFORMALITY IN CLIMATE ADAPTATION

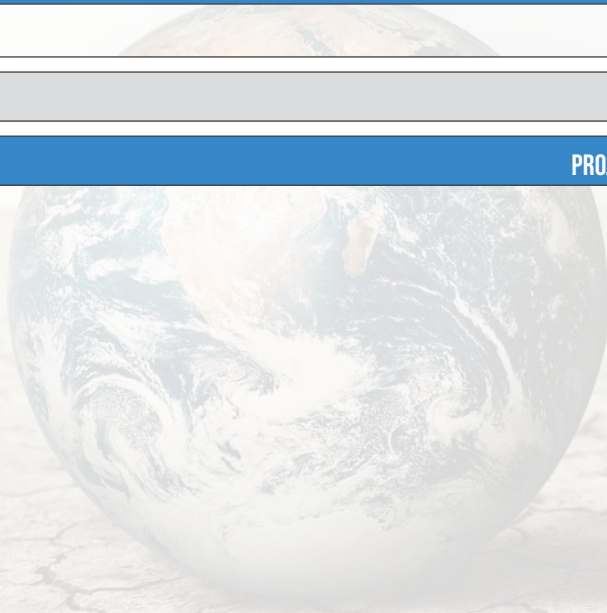
2		DURATION	TIME
PANELIST	Dr Mamokete Modiba, Gauteng City Region Observatory	30 mins	10:10 -10:40
PANELIST	Dr Samkelisiwe Khanyile, Gauteng City Region Observatory		
PANELIST	Mr Bongumusa Ndwandwe, Acting Registrar, The South African Council for Planners		
PANELIST	Mr Bahle Mazeka, Msunduzi Local Municipality		
PANELIST	Mr Richard Dobson, Architect, Asiye eTafuleni (AeT)		
PANELIST	Ms Caroline Skinner, Women in Informal Employment: Globalizing and Organizing (WIEGO)		

END OF GRAND FINALE

MOVE TO RECAP/AWARDS



		DURATION	TIME
3	REFLECTION FROM THE EARLY RESEARCHERS WORKSHOP		
	Dr Ayobami Popoola	5 mins	10:41 - 10:45
4	AWARDS - DR EMACULATE E. INGWANI - UNIVERSITY OF VENDA, SOUTH AFRICA	15 mins	10:45 - 11:00
	Best Presentation – 1st and 2nd		
	Innovative Idea – 1st and 2nd		
	Early Researcher - 1st and 2nd		
5	CONFERENCE REFLECTION		
	Dr Lawrence Ogunsanya	5 mins	11:00-11:05
UKZN ANTHEM			
PROJECTION OF SPONSORS LOGOS			





THEME RESILIENT CITIES AND COMMUNITIES: ADAPTING TO CLIMATE CHANGE AND BEYOND

DAY 3 | 12 SEPTEMBER





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