



Dr Fortunate Machingura & Prof Stanley Luchters

CeSHHAR Zimbabwe and Liverpool School of Tropical medicine (LSTM)

Welcome remarks



Global warming worsening deadly flooding in Africa, warn scientists



World Meteorological Organization WMO

Tropical Cyclone Freddy is the longest tropical cyclone on record at 36 days: WMO

The World Meteorological Organization (WMO) has declared Tropical Cyclone Freddy to be the longest-lasting tropical cyclone on record, at 36 days.

02 Jul, 2024



Climate change is turbo-charging Somalia's problems - but there's still hope

6 hours ago

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Justin Rowlatt
Climate Editor • @BBCJustinR



In spite of the catastrophic challenges Somalia faces - including drought, flooding, conflict and climate change - some are optimistic about the country's future.

But Somalia, the easternmost country in continental Africa, can't be held responsible for our changing climate. The figures are staggering. **Somalia has emitted roughly as much carbon dioxide from fossil fuels since the 1950s as the US economy does in an average three days.**



Nigeria is the world's 2nd biggest plastic polluter: expert insights into the crisis

Published September 02, 2024 10:00am GMT

Africa faces disproportionate burden from climate change and adaptation costs

PRESS RELEASE

02 September 2024

Abidjan, Cote d'Ivoire (WMO) - Africa bears an increasingly heavy burden from climate change and disproportionately high costs for essential climate adaptation, according to a new report from the World Meteorological Organization (WMO).

By Kathy Short

Electricity in short supply as Zambia deals with drought-driven energy crisis

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News | Climate Crisis

Record summer temperatures set world on course for hottest year ever

News | Climate Crisis

Nearly 68 million people reeling from drought in Southern Africa: Official

Head of regional bloc SADC says 17 percent of people across region in need of aid amid climate change-fuelled drought.



Residents queue to collect water as temperatures soar during an El Nino-related heatwave and drought in Bulawayo, Zimbabwe, March 7, 2024 [KB Mpfu/Reuters]



1st Climate and Health Africa Conference

29th -31st October 2024

Harare, Zimbabwe

Save the date

www.climatehealthconf.africa



CHAC 2024 Objectives

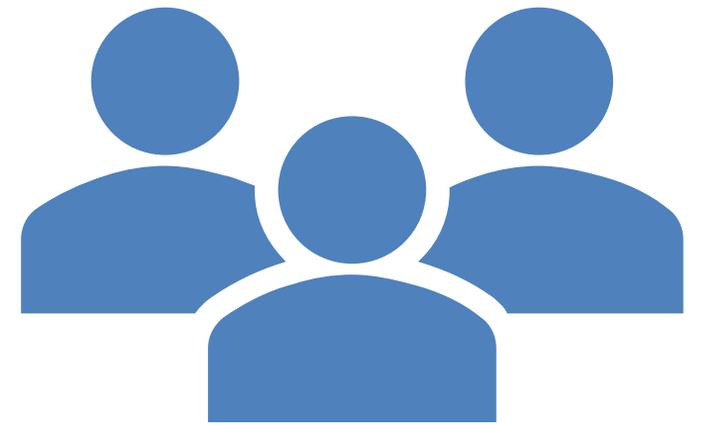
To ***foster networking and global partnerships***. It will provide a platform for collaboration among researchers, implementers, policymakers, donors, ethicists, and other stakeholders, from around the world

Serve as a forum for multi-disciplinary researchers to ***share their newest knowledge, expertise, and best practices*** with experts in the field

Catalyse African Climate and Health ***policy translation commitments*** based on cutting-edge global research evidence, incorporating it into uniquely tailored adaptation and mitigation strategies for the continent's health systems

Fostering capacity strengthening and equity in climate-health research for early career researchers

Discuss, select and align ***Africa's priorities in Climate and Health***, and view these within international discussions and the broader global climate-health agenda



Inputs

- 576 research abstracts and case studies
- 335 early-career researchers scholarship applications
- Lots of enthusiasm from many many people!

Scientific Committees

Overall CHAC Scientific Committee	Track A Scientific Committee	Track B Scientific Committee	Track C Scientific Committee	Track D Scientific Committee	Track E Scientific Committee
Modi Mwatsama 	Fani Kalala 	Debra Jackson 	Guéladio Cissé 	Brama Koné 	Katherine Littler 
Henry Mwandumba 	Peter Von Dadelszen 	Matthew Chersich 	Euphemia Sibanda 	Prosper Matonde 	Ming Yang 
Chris Jack 	Zulfiqar Bhutta 	Tatenda Makanga 	Veronique Filippi 	Robert Hughes 	João Monteiro 
Vincent Pagiwa 		Brad Newsome 	Kristie Ebi 		Moses Chimbari 
Judy Omumbo 		Shawnda Morrison 	Joanna Raven 		

CHAC 2024

- Bringing together:
 - 394 delegates from 29 African nations (total 47 nations represented)
 - Policymakers, including honorable Ministers of Health, Ministers of Climate & Environment, Government representatives
 - Researchers
 - Early Career Researchers (ECR)
 - Implementers
 - Funders
 - Community representatives and young people

Outputs

“Cultivating Resilience in Health: Towards Unified Equitable Strategies for climate adaptation and mitigation in Africa”

- The *Harare Declaration on Climate and Health in Africa*, which will articulate Africa’s commitments and call for action to building people-centred, equity-oriented climate resilient health systems providing clear frameworks for the implementation of strategies discussed during the conference.
- *Capacity strengthening* to enhance research capacity, policy engagement and knowledge on publishing in high-impact journals
- The announcement of *new partnerships* and *funding commitments* to support climate-health initiatives across the African continent.

Programme outline

- Research presentations (n=244)
 - Oral presentations
 - >100 Poster presentations (50 day 1 and 50 day 2)
 - 5 TRACK sessions
 - Understanding the physiological and biological mechanisms
 - Environmental exposures and climate-health epidemiology
 - Adaptation interventions and building climate-resilient health systems
 - Efforts to reduce greenhouse gas emissions, mitigation actions and their health co-benefits
 - Ethics and climate research equity.
- Panel discussions with scientists, policymakers, funders, health workers, community representatives and young people
- CHANCE organized sessions
- Exhibition stands
- Satellite events

CHAC 2024

Sustainability commitment

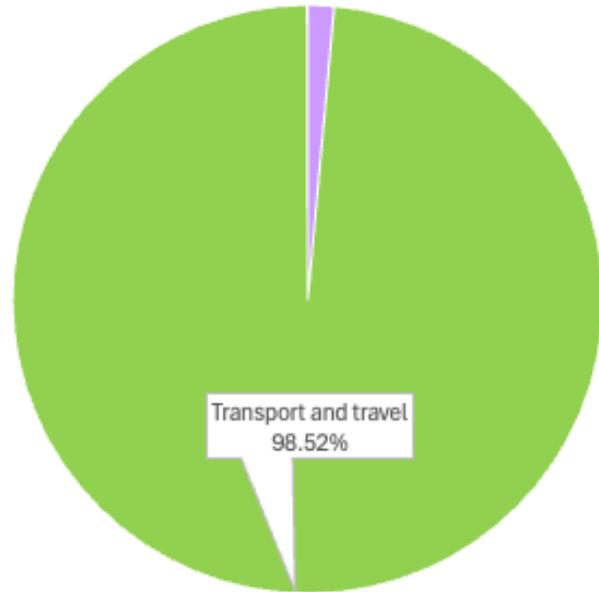
Together with the host venue we will aim to run CHAC Conferences as sustainably as possible,:

1. No plastic bottles
2. Recycling points in colour coded bins
3. Mobile App for programme, rather than paper-based
4. As much as possible, our venue will source food and materials from local suppliers



CHAC 2024 CARBON EMISSIONS FOOTPRINT

CHAC 2024 CARBON FOOTPRINT



Categories	kg CO ₂ e
Venue operations	2,871
Food for non - vegetarians	26
Food for vegetarians	0.5
Transport (air)	199,010
Transport (road)	2
Materials and supplies	66
Waste	29
Total	202,007

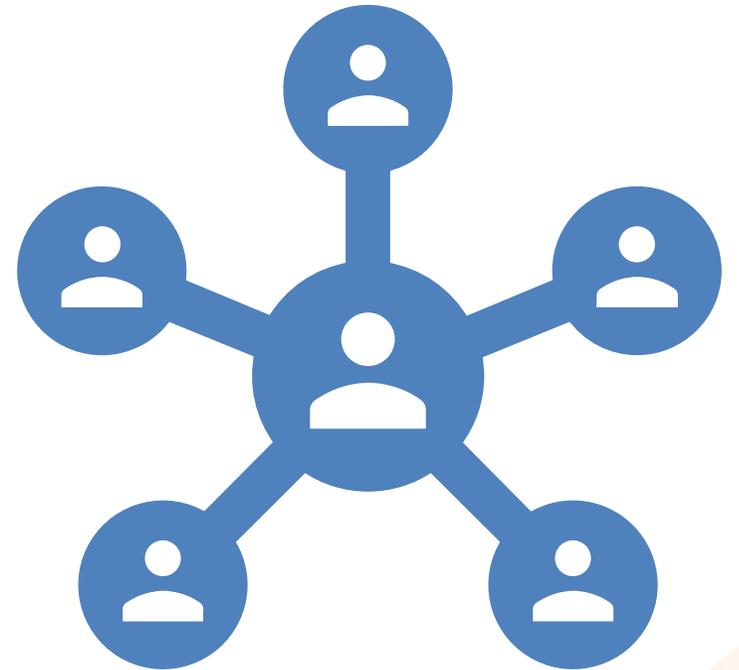
- Venue operations
- Food for non-vegetarians
- Food for vegetarians
- Transport and travel
- Materials and supplies
- Waste



Make the most of your time at CHAC 2024!

- Climate-Health activities transcend disciplinary fields
 - We cannot work in isolation; build trans-disciplinary networks
 - Policy – research translation

We provided the platform, but the success of the conference is in your hands!



Acknowledgements

