



INTRODUCTION

“No disaster is entirely ‘natural’. ‘Risk’ presents the very real possibility of a disaster; disaster itself is often a failure in development planning”. This is the rallying cry of the the partners behind the Tanzania Urban Resilience Programme, a multi-stakeholder initiative led by the UK Department for International Development (DfID), the World Bank, and the Government of Tanzania aimed at improving Tanzania’s resilience to climate risk.

According to a UN survey, more than half of humanity now lives in cities, and over the next 90 years 95% of global urban growth will occur in developing and emerging countries. While this growth is bound to alleviate poverty, generate wealth, and fuel global prosperity, cities are struggling to keep up, dramatically increasing the concentration of people and assets exposed to risk.

In East Africa, Tanzania bears the heaviest burden as the most flood-affected country in the region. Dar es Salaam, in particular, is the largest and fastest growing East African metropolitan area, and the city’s infrastructure assets of approx. USD 5.3 billion are at risk of projected flood impact due to climate change.

The first day of this conference will serve as a technical launch of the country’s Urban Resilience Programme, bringing various agencies of Government together to learn about the opportunities that it will offer and to further forge connections between programme implementers for improved collaboration and sustainable solutions.

Over the following two days, there will be a high-level regional symposium on “Greening Africa’s Cities: Enhancing the relationship between Urbanization, Environmental Assets, and Ecosystem Services.” The symposium will gather leading policy makers, researchers, city and government officials, NGOs, development banks and donor partners to consider the impact of urbanization on the environment in Africa and measures that can be undertaken to promote a more harmonious relationship between the built and natural environments to build a resilient future for African cities. Recent research and analysis undertaken on this crucial but under-examined area will be presented, and important initiatives which African cities have begun to take to put themselves on a more sustainable development trajectory will be discussed.

DRAFT AGENDA

Day 1 May 31st - URBAN RESILIENCE - TANZANIA'S PROGRAMME

An introduction to the Tanzania Urban Resilience Programme and initiatives to improve resilience to climate risk in the country

0800 – 0900

Registration

0900 – 1000

Opening Remarks

Brigadier General Msuya, Prime Minister's Office – Disaster MGMT Department

Programme Launch Video

Keynote: Edward Anderson, Senior ICT and Disaster Risk Management Specialist, World Bank

1000 – 1030

Tea Break

1030 – 1130

Session One: Understanding Risk: New Tools

How can we improve localized efforts to identify climate risk? This session will comprise of presentations and discussion on innovation for risk identification being piloted in Tanzania and surrounding regions.

Facilitator: Edward Anderson, Senior ICT and Disaster Risk Management Specialist, World Bank

- Vivien Deparday, GFDRR
- Tara O'Shea, Planet Labs
- Muhammad Juma, Commission for Lands – Zanzibar
- Mark Hegnauer, Deltares

1130 – 1230

Session Two: Reducing Urban Flood Risk

How do we ensure that risk does not translate into disaster? This plenary session will focus on methods for urban risk reduction that have inspired or are being implemented by the Tanzania Urban Resilience Programme.

Facilitator: Andre Bald, Program Leader, Senior Urban Specialist, World Bank

Primer: Ingrid Coetzee, Senior Programme Manager, ICLEI
Primer: Adri Verwey, Urban Specialist, FloodConsult, World Bank

Panel:

- Fanuel O.S Kalugendo, Dar Rapid Transit
- Lars Frederiksen, Specialist and Project Manager, COWI - Urban Water and Climate Adaption

1230 – 1400

Lunch

1400 – 1500

Session Three: Community Engagement for Urban Resilience

How can community engagement and public awareness campaigns improve success and sustainability of urban resilience efforts?
This plenary session will surround lessons from community-driven projects and plans for future public participation.

Facilitator: Amy Faust, Urban Specialist, World Bank

Primer: Tania Hamilton, Mlalakua River Restoration - Nipe Fagio
Primer: Tim Ndezi, Director, Centre for Community Initiatives

Panel:

- Osiligi Lossai, Ward Executive Officer, Kigogo Dar es Salaam
- Jutta Carmago, BORDA Africa

1500 – 1600

Session Four: Disaster Preparedness and Emergency Management

How can we better prepare for climate related disaster? This plenary session will highlight efforts taken and required to improve emergency management in Tanzania's rapidly growing urban centres.

Facilitator: Eric Dickson, Senior Urban Specialist, World Bank

Primer: Nyambiri Kimacha, Project Manager, Red Cross – Zuia Mafuriko
Primer: Frank Annor, Trans-African Hydro-Meteorological Observatory
Primer: Christopher Mnzava, Coordinator, DarMAERT

Panel:

- Amini Mshana, DarMAERT
- Mussa Natty, Regional Administrative Secretary Office

1600 – 1630

Tea Break

1630 – 1730

[Session Five: Resilience Academy and Strengthening Knowledge](#)

How can we equip students with the skills necessary to innovate for resilience? A plenary on the proposed Resilience Academy and additional efforts to improve education on methods for climate risk reduction.

Facilitator: Lorena Trejos, Disaster Management Consultant, World Bank

Primer: Dr. Buruhani Nyenzi, World Meteorological Organization

Primer: Jeroen Verplanke, Faculty of Geo-Information Science and Earth Observation, University of Twente

Panel:

- COSTECH Representative - Dr. Hassan Mshinda
- Ardhi Representative - Dr. Ally Namangaya
- UDSM Representative - Dr. Herbert Hambati

1730 – 1800

[Closing Remarks - DfID](#)

1800 – 1900

[Cocktail Reception at the Hyatt](#)

Greening Africa's Cities: Enhancing the relationship between Urbanization,
Environmental Assets, and Ecosystem Services
June 1-2, 2017 at the Hyatt Regency, Dar es Salaam

Day 2 June 1st - **URBANIZATION AND THE NATURAL ENVIRONMENT IN AFRICAN CITIES**

Understanding issues of urbanization, natural environment, and green urban development in Africa and learning about priorities and commitments cities are making to overcome these challenges

0900 – 0915

Opening Remarks

Eng. Mussa Iyombe, Permanent Secretary, President's Office – Regional Administration and Local Government

Bella Bird, Country Director, Tanzania, Burundi, Malawi and Somalia, World Bank

0915 – 0930

Keynote: Urbanization and the Natural Environment: Why it matters and what can African cities do to mitigate negative environmental externalities?

Urbanization in Africa is putting pressure on the natural environment and carries tangible economic, fiscal, and social costs. However, there are important opportunities to change the trajectory that African cities are on, and to move towards a more harmonious relationship between the natural and built environments if focused action is taken.

Jennifer Musisi, Executive Director, Kampala Capital City Authority

930 – 1000

Discussion and Q&A

Facilitator: Eng. Mussa Natty, Principal Engineer, Regional Administrative Secretariat, Dar es Salaam

- 1000 – 1030 [Urbanization, the Environment, and Green Urban Development in Africa](#)
This session provides an overall analysis of the impact of urbanization on the natural environment in African cities, identifies and assesses key challenges, and suggests an agenda for policy action.

[Roland White, Global Lead: City Management, Governance and Financing, Social, Urban, Rural, and Resilience Global Practice, The World Bank](#)
- 1030 – 1100 [Discussion and Q&A](#)

Facilitator: Eng. Mussa Natty, Principal Engineer, Regional Administrative Secretariat, Dar es Salaam
- 1100 –1115 [Tea break/group photo](#)
- 1115 –1130 [Environmental Challenges Facing Africa’s Cities: The case of Dar es Salaam, Tanzania](#)
This session focuses on the key environmental challenges facing Dar es Salaam and measures it is taking to mitigate negative environmental challenges.

[Theresia Mbando, Regional Administrative Secretary](#)
- 1130 –1145 [Role of natural systems in the mitigation of flooding in Dar es Salaam](#)
This session presents key findings from the analysis of green engineering and environmental restoration options for addressing the issue of flooding in Dar es Salaam.

[Jane Turpie, Director, Anchor Environmental & University of Cape Town](#)
- 1145 –1215 [Discussion and Q&A](#)

Facilitator: Eng. Mussa Natty, Principal Engineer, Regional Administrative Secretariat, Dar es Salaam
- 1215 – 1400 [Lunch](#)
- 1400 – 1415 [Environmental Challenges Facing Africa’s Cities: Kampala, Uganda](#)
This session focuses on the key environmental challenges facing Kampala and measures it is taking to mitigate negative environmental

challenges.

Najib Bateganya, Environmental Management and Water and Sanitation Specialist, Kampala Capital City Authority

1415 – 1430 [Costs and benefits of restoring the Nakivubo Wetland in Kampala](#)

This session presents key findings from the assessment of the current state of Kampala's Nakivubo wetland, the interventions that would be required to restore its functioning and suitability for recreation, and the benefits and viability of doing so.

Jane Turpie, Director, Anchor Environmental & University of Cape Town

1430 – 1500 [Discussion and Q&A](#)

Facilitator: Eng. Mussa Natty, Principal Engineer, Regional Administrative Secretariat, Dar es Salaam

1500 –1515 [Environmental challenges facing Africa's cities: The case of Durban, South Africa](#)

This session focuses on the key environmental challenges facing Durban and some measures it is taking in terms of open space planning, protection, and management to mitigate negative environmental challenges.

Musa Mbhele, Head, Development Planning Environment and Management, EThekweni Municipality, Durban

1515 –1530 [The value of Durban's natural capital and its role in green urban development](#)

This session presents key findings from the valuation of urban natural capital assets and ecosystem services and the identification, quantification, and valuation of the costs and benefits associated with specific development interventions

Jane Turpie, Director, Anchor Environmental & University of Cape Town

1530 –1600 [Discussion and Q&A](#)

Facilitator: Eng. Mussa Natty, Principal Engineer, Regional Administrative Secretariat, Dar es Salaam

1600 –1700

[Green Urban Development in Africa: Lessons for African cities](#)

A moderated discussion with key city leaders to reflect on how they have balanced the trade offs between natural capital conservation and other land uses, and how African cities can move towards a more harmonious relationship between the natural and built environment

Moderator: Eric Chinje, Africa Media Initiative

- His Worship Desmond Bikoko, Mayor of Lilongwe, Malawi
- Daviz Simango, Mayor of Beira, Mozambique
- Mayor Wilson Kalumba, Mayor of Lusaka, Zambia

1700 – 1800

[Cocktail Reception at the Hyatt](#)

Day 3 June 2nd - GREEN URBAN DEVELOPMENT - STRATEGIES AND IMPLEMENTATION

Discussions on urban planning and infrastructural development toward implementing green urban development principles in an African city context

0900 – 0915 [Welcome, Recap, and Outline](#)

0915 – 930 [Promoting ecosystems-based solutions in Africa](#)

This session reflects on challenges and lessons from ICLEI's experiences in rapidly urbanizing African cities in promoting the value of ecosystem services as assets to enhance human survival and well-being and as a means to promote vibrancy in growing urban spaces in Africa.

[Ernita van Wyk, Senior Professional Officer: Social-Ecological Systems, ICLEI](#)

0930 – 1000 [Discussion and Q&A](#)

Facilitator: Ingrid Coetzee, Senior Program Manager, Cities Biodiversity Center, ICLEI

1000 – 1015 [Green Urban Development and Sustainable Cities in Africa](#)

This session presents Conservation International's work in supporting cities around the world to overcome their sustainability challenges. It draws from ongoing work in Rio de Janeiro, Bogota, and Mexico City and proposes steps African cities can take and adopt moving forward.

[Michael O'Brien-Onyeka, Senior Vice President, Africa Field Division, Conservation International](#)

1015 – 1045 [Discussion and Q&A](#)

Facilitator: Ingrid Coetzee, Senior Program Manager, Cities Biodiversity Center, ICLEI

- 1045 – 1100 [Tea break](#)
- 1100 – 1115 [Green Urban Development Toolkit](#)
This session presents a compilation of a toolkit of concrete policy instruments that can be adapted and utilized by African city and national governments to address environmental externalities and ecosystem services impacts.

[Petrica Rowcroft, Lead Investigator and Technical Director, AECOM](#)
- 1115 – 1145 [Discussion and Q&A](#)

Facilitator: [Ingrid Coetzee, Senior Program Manager, Cities Biodiversity Center, ICLEI](#)
- 1200 –1400 [Lunch](#)
- 1400 –1445 [Water funds and science for cities for green urban development](#)
This session will discuss watershed management through water funds (Payment for Ecosystem Services Schemes) in Africa and through non-payment types of schemes. It will also discuss the urban water blueprint of cities and the global report on urban reforestation and air quality.

[Lucy Magembe, Sr. Policy Representative, Tanzania, The Nature Conservancy](#)

[Fred Kihara, Africa Water Fund Manager, The Nature Conservancy](#)

[Louise Stafford, South Africa Water Fund Director, The Nature Conservancy](#)

[Timm Kroeger, Resource Economist and Lead Science Council Associate, Office of the Chief Scientist, The Nature Conservancy](#)
- 1445 –1515 [Discussion and Q&A](#)

Facilitator: [Ingrid Coetzee, Senior Program Manager, Cities Biodiversity Center, ICLEI](#)
- 1515 –1600 [Panel with donors and other partners](#)
Discussion with donors and partners to explore ways to implement green urban development
- [Bella Bird, Country Director, Tanzania, Burundi, Malawi and Somalia, World Bank](#)

- Clara Makenya, National Coordination Officer and Focal Point for Tanzania, UNEP
- Charle Prosper, Economist, African Development Bank
- Hyonjong Lee, Chief Representative, Korea Export Import Bank

1600 –1615

[Closing Remarks](#)