



INTRODUCTION

Tanzania is experiencing rapid and unplanned urbanization, leading to an increase in economic and social vulnerability to climate related risk. In 2016, the Tanzania Urban Resilience Programme was established to mitigate this risk through coordinated and strategic action. Led by the Government of Tanzania - with implementation support from the World Bank and funding from the UK Department for International Development - the programme is making tangible progress in risk identification, risk reduction, and emergency preparedness. This progress, along with lessons learned from local initiatives and from similar initiatives in urban resilience abroad, are to be presented to the public at the programme's annual conference - taking place August 29 and 30 at the Julius Nyerere International Convention Centre.

The conference will happen in conjunction with the Free and Open Source Software for Geospatial Conference, an international gathering of the open source community - comprised of one full week of presentations and practical workshops related to this topic. More information on FOSS4G here: <https://2018.foss4g.org/>

Support will be provided by the the Global Facility for Disaster Reduction and Recovery's Understanding Risk, a global community of experts and practitioners with interest in the field of disaster risk identification, specifically risk assessment and risk communication. More information on UR here: <https://understandrisk.org/>

DRAFT AGENDA

PRE CONFERENCE **AUGUST 27-28**

WORKSHOPS AND TRAININGS RELATED TO URBAN RESILIENCE IN TANZANIA

August 27 - 28th OPEN CITIES AFRICA
TBA

August 28th DIRAJ JOURNALIST WORKSHOP

A workshop and learning exchange led by the Disaster Risk Reduction Network of Africa Journalists that aims to enhance the media's knowledge of disaster risks associated with rapid urbanization and enlist their involvement in showcasing the program's innovative methods and progress, and highlighting global best practices in disaster risk management. The orientation will also focus on the crucial role of the media to help raise public awareness of and involvement in disaster risk reduction; improve on disseminating accurate and non-sensitive disaster risk, hazard and disaster information; and supporting early-warning and life-protective measures.

August 28th MSIMBAZI STAKEHOLDER WORKSHOP

The final stakeholder workshop for the Msimbazi Charrette – an integrated design initiative at finding a holistic structural solution to flooding in the lower Msimbazi basin. Results presented to stakeholders in this workshop will be presented at the conference.

August 28th DPG-IT TECH TALK
TBA

POST CONFERENCE **AUGUST 31**

WORKSHOPS AND TRAININGS RELATED TO URBAN RESILIENCE IN TANZANIA

August 31st DARAJA KICKOFF WORKSHOP - RESURGENCE
Details TBA

DAY 1 AUGUST 29

TOWARDS A RESILIENT TANZANIA: PROGRAMME PROGRESS + TOOLS FOR RESILIENCE

Sessions on Day 1 will offer a thorough overview of interventions being implemented across Tanzania to improve urban resilience - from risk identification to emergency preparedness. Sessions will be engaging and comprehensive, led by project leaders from government, civil society, and the World Bank working towards our shared vision. Panels will invite discussion as well as questions from conference participants.

8:00 - 10:00 **REGISTRATION**

10:00 - 10:45 **FOSS4G OPENING REMARKS**

10:45 - 11:00 **TEA BREAK**

11:00 - 12:30 **2017 RECAP // KARIBU URTZ**

Introduction + Video - presented by programme MC, Mussa Natty

URTZ programme highlights ignites - presented by members of the TURP team

Pillar 1

- **Community Mapping - Ivan Gayton (Humanitarian OpenStreetMap Team)**
- **Satellite Monitoring - Caroline Gevaert (WB)**

Pillar 2

- **Community Risk Plans - Xaxa Panman (Oxford Policy Management)**
- **Msimbazi Charrette - Nyambiri Kimacha (WB)**
- **ICT Driven Community Cleanups - Lally Elias (WB)**

Pillar 3

- **Hydromet Early Warning Systems - Frank Annor (TAHMO)**
- **DarMAERT ERP - Claudia Lorena Trejos (WB)**

Resilience Academy

- **Turku University vision - Msilikale Msilanga (WB)**

PANEL DISCUSSION TOWARDS A RESILIENT TANZANIA - Partner positions on urban resilience, programme vision, and programme progress

- PORALG – Engineer Nyariri Nanai / Director
- DMD - Charles Msangi / Director
- WB - Eric Dickson
- DFID - Abdalla Shah
- ARDHI - Dr. Ally Namangaya
- DarMAERT - Dr. Christopher Mnzava

12:30 - 1:30

LUNCH + EXHIBITION OPENING

Resilient DAR - Mural Competition on the Topic of Urban Resilience - presented by Tanzania Bora Initiative

1:30 - 2:30

SESSION #1 INNOVATIONS IN RISK IDENTIFICATION

Description: The Tanzania Urban Resilience Programme has piloted several unique projects to collect critical risk information for risk reduction. These projects have the potential to transform how we understand risk, by making data available, accessible, and actionable.

Facilitator: Khadija Ali, Drones for Good

Topics:

- | | |
|------------------------------------|--|
| • Community Mapping | Ivan Gayton and RH team (HOT) |
| • Satellite Monitoring | Andrew Zolli (Planet Labs) |
| • Damage Assessment Flights | Leka Tingitana (Tanzania Flying Labs) |
| • Machine Learning | Jonathan Sullivan (Cloud2Street) |

Discussion Panel with Niels Holm Nielsen, World Bank

2:30 - 3:30

SESSION #2 ENGAGING COMMUNITIES FOR RISK REDUCTION

Description: Community engagement is key to effective risk mitigation, and the Tanzania Urban Resilience Programme is employing several community-driven measures to ensure a lasting impact. These have ranged from an extensive socioeconomic study to support for a CSO waste management initiative.

Facilitator: Tim Ndezi, CCI

Topics:

- Socioeconomic Study Xaxa Panman (OPM)
- Participatory Risk Plans Oxford Policy Management
- Circle Bao Shristi Vaidya (Deltares)
- ICT for Community Lally Elias (WB)
- CSO engagement Larissa Duma (WB)

Discussion Panel with Abdalla Shah or Naima Besta *

3:30 - 4:00

TEA BREAK

4:00 - 5:00

SESSION #3 STRENGTHENING EMERGENCY RESPONSE

Description: Dar es Salaam has been actively working to improve its emergency response mechanisms and infrastructure - and the Tanzania Urban Resilience Programme has dedicated funding to assist in these endeavours. Over the past year, this has involved the implementation of a comprehensive, city-wide emergency response plan - as well as early warning tools and emergency training.

Facilitator: Nyambiri Kimacha, World Bank

Topics:

- DarMAERT Emergency Plan Dr. Christopher Mnzava (DarMAERT)
- Emergency Training Lorena Trejos (WB)
- Hydromet Weather Stations Dr. Buruhani Nyenzi (TAHMO) and Dr. Nick van de Giesen (TU Delft)
- Floodtags Jurjen Wagemaker (Floodtags)

Discussion Panel with Eric Dickson, World Bank

DAY 2 AUGUST 30

URBAN RIVERS AND RESILIENCE + LOOKING AHEAD

The morning of Day 2 will focus on urban resilience for urban rivers and surrounding areas. This will involve plenaries from three different African cities that have piloted unique methods for risk reduction in urban river catchments - including Accra, Beira, and, most recently, Dar es Salaam. Outputs from the Msimbazi Charrette design process will be presented and a panel discussion with the different city representatives will be held with opportunity for Q + A from participants.

Afternoon sessions will then expand on methods for engaging communities in resilience activities and for ensuring sustainability, as well as next steps.

A press conference will invite questions from attending journalists.

8:00 - 9:00 **REGISTRATION**

9:00 - 9:15 **INTRODUCTION VIDEO ON MSIMBAZI CHARRETTE**

9:15 - 9:45 **WELCOMING REMARKS**

- **UK Department for International Development - Beth Arthy, Head of DfID Tanzania**
- **World Bank - Bella Bird, Country Director for World Bank Tanzania, Burundi, Malawi, and Somalia**

9:45 - 10:30 **OPENING REMARKS**

- **Government - Samia Suluhu, Vice President of Tanzania**

10:30 - 11:00 **THE MSIMBAZI STORY**

A different person from each sector/issue involved in the Msimbazi Charrette integrated design process will present on how their piece fits into the puzzle of this project - demonstrating the many sides that need to be considered in order to find a solution to this challenging urban intervention.

Facilitator: with Amy Faust, World Bank

11:00 - 11:30 **TEA BREAK + CHARRETTE WALK THROUGH**

11:30 - 12:30 **SESSION #4 INTEGRATED PLANNING FOR RIVERS + RISK**

Description: Tanzanian cities are increasingly vulnerable to flash floods due to uncontrolled urbanization and environmental degradation. This is expected to worsen with the impacts of climate change, characterised by higher rainfall intensity and sea level rise. Addressing the issue of extreme flash floods in urban river catchments cuts across several institutions and sectors (environment, drainage, waste, transport, water, sanitation, health), which complicates solutions but is of critical importance for building resilience in African cities.

This session will highlight how - through integrated design processes - we can work to be ahead of the curve in dealing with rivers.

Facilitator: **Eric Dickson, World Bank**

Plenaries on 3 Cities of Focus:

- Dar es Salaam
- Nairobi
- Beira

12:30 - 1:00 **PANEL DISCUSSION INTEGRATED PLANNING FOR RIVERS + RISK**
Representatives from each city to receive participant Q+As on the topic - with key stakeholders and experts

1:00 - 2:00 **LUNCH**

2:00 - 3:00

SESSION #5 RESILIENCE PLANNING FOR THE NEXT GENERATION

Description: The Tanzania Urban Resilience Programme aims to attain maximum impact on its budget by incorporating the development of education materials and the establishment of institutional training on resilient planning.

Facilitator: Msilikale Msilanga, World Bank

Topics:

- Industry Placement
- Resilience Academy Cookbook
- Geospatial ICT
- City Spatial Development

Dr. Ally Namangaya (Ardhi University)
Jeroen Verplanke (TU Delft)
Niina Kayhko (Turku University)
Mary Grace (World Bank)

Discussion Panel with Andre Bald, World Bank

3:00 - 3:30

LOOKING AHEAD TO FY19

Description: An overview of the programme plan for the next fiscal year

- Edward Anderson, TTL World Bank - Senior Urban and ICT Specialist

3:30 - 4:15

CLOSING REMARKS

- World Bank - Bella Bird, Country Director for World Bank Tanzania, Burundi, Malawi, and Somalia
- Minister Selemani Jafo – Minister of State in the President’s Office

4:15 - 5:15

RECEPTION