



SESSION DESCRIPTION

F4 Reality Check: Adaptation on the Ground Dar es Salaam, Tanzania

Reality Check Workshop

Date: Saturday, June 1, 2013

Time: 16:30-18:30 (*extended time)

Rooms: S34-35

Language: English

ICLEI contact: Alice Balbo/Laura Kavanaugh

Co-Organizer: German Development Cooperation
(GIZ)

OBJECTIVE

This workshop will provide an in-depth look at the practical steps being taken in Dar es Salaam to mainstream climate change adaptation into existing development planning and urban infrastructures, policies, programs, and projects. These selected projects, which cope with uncertainty in adaptation to climate risks and merging top down and bottom up approaches, will be featured in the workshop:

1. The Dar es Salaam Master Plan 2012 to 2032 - While focused on issues of socio-economic urban development, the Master Plan also incorporates core factors relevant for climate risk assessment (e.g. topography, storm-water drainage systems, unregulated housing in hazardous areas).
2. The Community Infrastructure Upgrading Program (CIUP) - This program aims to improve the livelihoods of 330,000 low-income inhabitants through basic infrastructure improvements.
3. The relocation of homeless victims of Dar es Salaam floods in 2011 - The intention of this resettlement program for 650 families was to avoid reconstruction at high-risk locations by offering more favorable land at the rural outskirts of the city.

This workshop will demonstrate how climate adaptation planning is closely embedded within the broader structures of city politics, funding priorities, and development constraints. It will also show how climate change adaptation can be better integrated with the existing concepts of disaster/flood risk reduction, how this is both more 'accessible' to local communities and results in greater institutional support to encourage coordination across sectors/levels of the city government.

OUTCOMES

Participants will

- Reflect on the real life challenges of a rapidly growing African city for addressing current and future climate risks;
- Compare the concept of integrated mitigation/adaptation planning with the practical experience of Dar es Salaam;
- Gain a better understanding of the challenges and benefits of integrating urban climate risk issues into sector based policy development through the Dar es Salaam example;
- Learn about the challenges of merging top-down master planning and bottom-up community-based upgrading approaches; and
- Critique the Dar es Salaam approach and provide valuable feedback based on their professional experiences during the breakout groups



METHODOLOGY

Facilitator: *Sarah Birch, Climate Risk and Biodiversity Program Manager, ICLEI Africa Secretariat and Cities Biodiversity Center, Cape Town, South Africa*

16:30-16:35 **Introduction**

The facilitator will introduce the delegates to the audience.

16:35-16:45 *Alphayo Kidata, Deputy Permanent Secretary, Prime Minister's Office Regional Administration Local Government, Tanzania*

Managing rapid urbanization: Challenges and opportunities for Dar es Salaam

16:45-17:15 *Mussa Natty, Municipal Director, Kinondoni, Dar es Salaam, Tanzania*

Integration of climate adaptation and risk management into urban development plans and infrastructure improvement programs

This presentation will introduce how Dar es Salaam has taken up climate change adaptation issues in their new master plan within a rapidly growing urban context and explore how a community based upgrading program can create win-win situations. Also, some examples of specific action taken by the city in reaction to the increasing vulnerability of the urban poor will be introduced.

17:15-17:25 *Shomari Mukhandi, Director Local Government Finance, Prime Minister's Office Regional Administration Local Government, Dodoma, Tanzania*

Financing of urban adaptation and integrated infrastructure projects

17:25-17:35 *Harry Storch, Senior Researcher, Brandenburg University of Technology, Cottbus, Germany*

Dar es Salaam – Are the Dar es Salaam approaches transferable and how can we promote knowledge sharing between comparable cities?

Response to the case study, drawing on the experiences of other cities dealing with climate change.

Introduction of workshop breakout groups.



17:35-18:00 **Workshop breakout groups**

Group Themes (25 minutes):

- Integration of climate risk management into master planning – How to implement and enforce within a fast urban expansion context.
- Climate adaptation by integrated infrastructure projects – Community-based approaches and the challenge to valuation of green and blue infrastructures.
- Informal settlements in high-risk areas – Is relocation really an option?

18:00-18:10 *Erwin Dickens, Local Finances Advisor, GIZ-SULGO, Dar es Salaam, Tanzania*

Reporting and Summary:

Report from the groups and short summary (10 minutes).

18:10-18:30 **Final Discussion and Outlook**

The facilitator will invite the participants to share their critiques and feedback with the delegates and to provide ideas for future steps and follow-up opportunities.

Further recommended reading

ACC DAR Adapting to Climate Change in Coastal Dar es Salaam

<http://www.planning4adaptation.eu/>

Climate change induced heat wave hazard in eastern Africa: Dar Es Salaam (Tanzania) and Addis

Ababa (Ethiopia) case study P. Capuano, M Sellerino, A. Di Ruocco, W. Kombe and K. Yeshitela (2013).

http://www.cluva.eu/CLUVA_publications/CLUVA-Posters/EGU2013/EGU2013_Poster_Capuano.pdf

Stockholm Environment Institute (SEI), Dar es Salaam

<http://www.sei-international.org/dar-es-salaam>

Summary: Climate Change, Disaster Risk, and the Urban Poor - Cities Building Resilience for a

Changing World, World Bank (2011) [http://siteresources.worldbank.org/INTURBANDEVELOPMENT/](http://siteresources.worldbank.org/INTURBANDEVELOPMENT/Resources/336387-1306291319853/Summary.pdf)

[Resources/336387-1306291319853/Summary.pdf](http://siteresources.worldbank.org/INTURBANDEVELOPMENT/Resources/336387-1306291319853/Summary.pdf)

Tomorrow is too Late: Responding to Social and Climate Vulnerability in Dar es Salaam, Tanzania,

David Dodman, Euster Kibona and Linda Kiluma, Case study prepared for Cities and Climate Change: Global Report on Human Settlements 2011

<http://www.unhabitat.org/downloads/docs/GRHS2011/GRHS2011CaseStudyChapter06DaresSalaam.pdf>