



Durban Adaptation Charter (DAC) Capacity Building Workshop

10th to 12th November 2014



Executive Summary

Kinondoni Municipality in Dar es Salaam, Tanzania hosted the Durban Adaptation Charter (DAC) Capacity Building Workshop from the 10th – 14th November 2014 at Kunduchi Beach Resort. Kinondoni Municipality organised the workshop in collaboration with the International City/County Management Association (ICMA), the Association of Local Authorities of Tanzania (ALAT), ICLEI – Local Governments for Sustainability and the DAC Secretariat. This USAID-funded Regional Workshop, which included a capacity-building component, aimed to determine Tanzanian Local Government Authority (LGA) climate change challenges and adaptation needs. The workshop was attended by over 228 Mayors, Chairpersons and Directors from 142 LGAs throughout Tanzania.

The Workshop culminated in Tanzanian LGA leaders committing to establish climate change committees in each respective LGA, and for these committees to organise into regional compact partnerships. A further 32 Tanzanian LGAs committed to the ten principles of adaptation within the Charter. In addition, 49 LGAs became the first DAC signatories to begin reporting their adaptation achievements within ICLEI's Carbonⁿ Climate Registry, which was subsequently launched during COP20, in Lima, Peru. Delegates of participating LGAs also adopted two climate change resolutions. The first resolution was adopted in support of advancing an integrated response to climate change within the East African region. The second resolution committed delegates to a number of actions, and calls on the national government and development partners to support local government in their efforts.

Overview

The Durban Adaptation Charter (DAC) Capacity Building Workshop took place on Monday 10th November to Wednesday 12th November 2014 at the Kunduchi Beach Hotel, Dar es Salaam.

The key participants were the local government mayor, chairpersons and directors of a number of local governments throughout Tanzania. A list of participants in the workshop can be found in Appendix A. The objectives of the workshop included:

- Building capacity of participants regarding local government adaptation solutions to climate change.
- Identifying key climate change challenges and adaptation needs of local government authorities in Tanzania to advocate for regional representation of African local governments in agreements reached during the COP 20 and COP21 climate change negotiations in 2014 and 2015 respectively.
- Determining appropriate institutional arrangement to facilitate the implementation of the DAC by local authorities in Tanzania going forward.
- Signing up additional local government authorities in Tanzania to the DAC.
- Introducing DAC signatory local government authorities to DAC reporting formats.

Day 1: Monday 10th November

Conference Opening

Hon. Dr Didas Massaburi (Lord Mayor of the Dar es Salaam City Council and the Association of Local Authorities of Tanzania (ALAT) Chairman) welcomed everyone present and thanked everyone for their participation. He acknowledged all the distinguished guests and the sponsors. Mr. Habraham Shamumoyo (Secretary General ALAT) followed on by recognising everyone present. Thereafter Engineer Mussa Natty, (Director Kinondoni Municipality) provided a brief overview of the history of the Durban Adaptation Charter. He explained that at COP17 in 2011, local authorities agreed to form the Durban Adaptation Charter to respond to climate change. He explained that the purpose of this event is to provide participants with an understanding of climate change and how to respond to it.

The Honourable Deputy-Minister of Regional Administration and Local Government Agrrey Mwanri was then called on to introduce the Prime Minister of Tanzania. The Deputy Minister highlighted the challenge of climate change and its potential to exacerbate existing challenges to Tanzania. He indicated that this workshop is an excellent intervention to collect experiences and inputs. He highlighted that cities and local governments are critical to responding to climate change, both in terms of reduction of emissions as well to adapt to climate change impacts. He indicated that he is optimistic that after this workshop, the mayors and directors of the local authorities will be in a position to respond to climate change. He went on to introduce the Honourable Prime Minister Mizengo Pinda.



Figure 1: The Honourable Prime Minister of Tanzania Mizengo Pinda addressing delegates at the workshop

The Honourable Prime Minister reminded everyone of the Local Climate Solution for Africa conference that was hosted in the previous year in Dar es Salaam to identify local solutions to climate change. He indicated that he was pleased that this follow up event is taking place. He highlighted that climate change is a real challenge to development and noted that all progress could be undermined in a short period. In particular he highlighted the challenges of floods and droughts that have taken place in recent years in Tanzania and the devastating impact of these. He indicated that Tanzania is trying to respond to climate change through various policies and programmes that respond to climate change and noted that what remains is implementation of these policies and programmes. He emphasised that local governments have a key role to play in implementation. He asked the local authorities present to mainstream the Durban Adaptation Charter in their planning and daily activities. He indicated that local authorities should come away from the event with a good understanding of climate change and should take forward the implementation of the Durban Adaptation Charter. He also noted the importance of monitoring implementation efforts and concluded by asking that the conference come up with a range of resolutions for action. He then pronounced the official opening of the workshop.

The Honourable Yusuf Mwenda (Mayor of Kinondoni Municipal Council, Dar es Salaam) then thanked the Prime Minister on behalf of everyone present. He assured the Prime Minister that there will be resolutions from the meeting and that these would be implemented.



Figure 2: Delegates at the DAC Capacity Building Workshop

Purpose of the DAC Capacity Building Workshop

Mr. Habraham Shamumoyo (Secretary General, ALAT) indicated that there were several purposes to the workshop which included

1. Capacity Building
2. Development of resolutions
3. Understanding better the impacts of climate change
4. To provide an opportunity to share experiences between local governments in Tanzania and outside of Tanzania
5. Deciding how to create institutional structures for climate change and mainstream climate change
6. Provide an opportunity for those municipalities that have not yet signed to sign the Durban Adaptation Charter

Ms Laura Hagg (Director, Middle East and Africa Programs, International City County Management Association) provided a brief overview of ICMA. She explained that ICMA has identified climate change as a key challenge. She emphasised that this workshop is about finding solutions, how to work together on changes and also how to involve local communities to help solve the climate change adaption challenges.

Introduction to the Durban Adaptation Charter

Dr Sean O'Donoghue (Manager, Climate Protection Branch, eThekweni Municipality, South Africa) provide an overview of the Durban Adaptation Charter (DAC)). He indicated that the DAC has over 1,000 signatories, most of whom were from developing countries. He highlighted that the DAC has ten principles and emphasised the need to mainstream climate change in the local authorities of Tanzania. He also provided an overview of the process of reporting for the DAC that has been developed in partnership with ICLEI. He indicated that the reporting is useful in that local governments can measure their progress but can also identify their needs for funding. He then outlined the process of establishing regional hub partnerships within the DAC.

The science of climate change

Professor Alphonse Kyessi (Associate Research Professor, Ardhi University, Dar es Salaam) provided a presentation on the science of climate change. His presentation covered the following topic areas:

1. An overview of the Green House Effect
2. The most significant Green House Gases
3. The relative contribution of various regions to GHG - emissions (Africa/Tanzania contribution)
4. The projected Global Impact of Climate Change
5. The likelihood of the Climate Change Impacts
6. An Overview of the concept of Mitigation and some examples of Mitigation
7. An Overview of the concept of Adaption and some examples of Adaption

After the presentation the opportunity was provided to the floor to ask questions and raise discussion points. Some of the key issues discussed included: the challenge of adapting to climate change in rural areas, the relationship between climate change and volcanic eruptions, steps being taken by South Africa to reduce emissions, the need to allocate funds and resources to climate change since it was not currently identified as one of the priority areas of local authority action, the state of national planning for climate change in Tanzania and the challenge of moving people away from using firewood as a source of fuel.

Tanzanian Social Action Fund (TASAF)

Zahura Mdungu (TASAF) provided an overview of mainstreaming climate change in TASAF supported interventions. She started off by providing an introduction to TASAF III which has the objective of “Enabling poor households to increase income and opportunities while improving consumption”. To link address climate change in TASAF III simple Climate Risk Assessments are done for interventions to assist communities to identify their vulnerabilities and select appropriate sub-projects from the options provided. She highlighted that communities are facilitated to choose interventions that are climate and disaster proof in order to ensure that the benefits of the program are not eroded or lost in the future. In order to move towards a climate smart direction she indicated that TASAF is forging a closer integration of climate change and Disaster Risk Reduction with communities. In addition TASAF supports communities to plan and invest in local innovations that are both culturally appropriate and relevant to the local climate context.

Climate change impacts in Tanzania and the role of local government

Professor Alphonse Kyessi (Associate Research Professor, Ardhi University, Dar es Salaam) provided a presentation on climate change impacts in Tanzania and the role of local authorities. He covered the following in his presentation:

1. An overview of key projected impacts for Tanzania based on current research
2. An overview of the implications of these projected impacts for Tanzania
3. Examples of responses to these projected impacts that can be implemented by local authorities in Tanzania

After the presentation the opportunity was provided to the floor to ask questions and raise discussion points. Some of the key issues discussed included: the movement of people from rural to urban areas, the role that developed countries are playing in causing climate change, the status of the Tanzania’s national adaptation programme and the need for alternative forms of energy to charcoal and firewood.

Promoting adaptation through devolved district climate finance

Alais Morindat (Haki Kazi) provided a presentation on a project on promoting adaptation and climate resilient growth through devolved district climate finance that is being implemented in the north of Tanzania. There are currently three participating districts Ngorongoro, Longido and Monduli. He indicated that the project has three main components:

1. Establish a district-level climate adaptation fund (CAF) under discretionary authority of the district council with necessary mechanisms for strong accountability and transparency;
2. Mainstream climate information and participatory resilience assessments into planning using O&OD to integrate climate change into public good investment choices; and
3. Establish a monitoring system to track how adaptation builds resilience and strengthens economic development

Some of the key achievements of the first phase of the project that he highlighted include: mainstreaming of climate change into district planning and budgets, strengthening of community involvement through traditional leaders, capacity building on the implications of climate change for planning and the development resilience assessment tools. He indicated that in the next phase of the project it is planned to expand to the geographic reach of the project both within Tanzania as well as including areas in Kenya.

Tuesday 11th November: Local challenges and responses

Review of previous day and purpose of the next session

Ms Laura Hagg (Director, Middle East and Africa Programs, International City County Management Association) provided a brief review of the previous day.

Ms Laura Hagg provided a brief review of the previous day. Key items that she highlighted included: high level support as expressed by the Honourable Prime Minister, the excellent engagement of participants, the broad concern about environmental issues in general and the importance of mainstreaming climate change. In terms of follow ups required she indicated that there was a requirement for more information on mitigation vs. adaptation, more communication on climate change and knowledge sharing on what the Government of Tanzania has done so far in terms of climate change.

Identifying climate change challenges facing Tanzanian Local Governments

Ms Hagg explained that the morning would be devoted to identifying the climate change challenges facing Tanzania Local Governments. Participants were then broken into five geographic zones to discuss their climate change challenges. In these groups participants were provided with an opportunity to discuss the challenges that they were experiencing. Thereafter participants were asked to complete a questionnaire per local authority that highlighted the challenges specific to their local authority. In total 72 questionnaires were completed. A summary of the results are outlined in Appendix B.

Thereafter representatives from each group provided an overview of the challenges that were raised in the five zones.

Southern Highland Zone

- Deforestation accompanied by replanting with inappropriate trees.
- Changes in rainfall patterns
- Floods
- Increased intensity of storms
- Soil erosion
- Destruction of housing
- Increase in malaria in a traditional no mosquito area

Eastern Coastal Zone

- The need for a better understanding of the impact of climate change and how to involve communities in combating climate change
- The issue of the deforestation
- The issue of floods
- The issue of droughts
- Rising temperature
- Increase of soil erosion

- Increase in epidemic diseases
- Death of livestock and disruption of the agriculture production
- Sea Level Rise
- Disruption of economic activities
- Disruption of fishing as a result of increases in storm intensity

Some potential solutions discussed were:

1. Replanting trees and reduction of tree harvesting
2. Establishment of appropriate by-laws
3. Better understanding how to conserve the environment and how to combat coastal erosion

Central Region

- Deforestation as a result of human activities. Trees are harvested for firewood, housing construction and also because of the perception that they house tsetse flies.
- Mining activities
- Construction activities such as quarrying
- The movement of pastoralists from one region to another
- Poorly planned agriculture
- Construction of houses in contravention of local planning
- Droughts and changes in rainfall patterns
- Floods
- Increases in water borne diseases
- Erosion of the soil
- Increases in temperature
- Land disputes

Northern Zone (Kilimanjori, Arusha, Tanga, Zanzibar)

- Better understanding of climate changes, how to evaluate and combat its impacts. In particular it would be useful to exchange information with other regions about the impacts and steps to take to combat these impacts. The need to meet again in order to exchange knowledge again was highlighted.
- Flood management
- Curbing deforestation
- Reducing waste from industries and hospitals
- Soil and coastal erosion
- Droughts, some lakes and rivers have dried up
- Floods
- Decrease in agricultural production
- In Kilimanjaro reduction of snow
- Increase in temperatures
- Land disputes

Lake Region

- The need to learn about climate change and how to access funds to combat climate changes.
- Plant diseases for examples those that impacts on bananas and cassavas
- Increase in winds and changes in rainfall patterns
- Decrease in water sources
- Lower of the water level of Lake Victoria and reduction of fish in the lake
- Pollution and use of chemical products
- The need for urban planning and the associated challenges of building of houses without planning.
- Impact of mining

Conclusion

Sarah Birch (ICLEI) then concluded the session by summarising what had emerged from the report backs. Firstly she noted that many of the local governments are experiencing serious climate change challenges. She went onto to highlight that at the same time it is difficult to untangle climate change and other environmental challenges faced by municipalities. For example, the issue of deforestation and poor land management is an environmental challenge in and of itself independent of climate change. However, she noted that climate change will exacerbate the impacts experienced as a result of poor environmental practices. She also suggested the possibility of tackling climate change impacts through protecting ecosystem services. She noted that maintaining the local ecosystem can help to manage local climate better. She concluded by noting that the issues and concerns were inter-lined, so for instance deforestation increases soil erosion and the soil then clogs rivers and lakes.



Figure 3: Small group discussions on the climate change challenges facing Tanzanian Local Governments

Sea Level Rise and Coastal Erosion

Dr Andrew Mather (Project Executive, eThekweni Municipality) provided a brief overview of sea level rise and coastal erosion issues. Dr Mather indicated that he has been monitoring the Zanzibar Sea Level gauge. Initially when he started monitor the results of the gauge, he noted that the sea levels were dropping. However in the last few years the levels have been rising. He explained that this is normal as sea levels can vary over cycles of many years. However, it is important to monitor sea levels as it is difficult to predict what will happen when global sea levels rise. He also explained that coastal erosion causes and solutions depend largely on the local context and decisions need to be made based on understanding of the local context and an understanding of the different factors influencing the coast in the area. He highlighted that the coast is impacted by seaward processes as well as land based activities especially sand mining which depletes the sand supply for beaches. There are a number of options available to manage the coast, including policies that regulate human activities such as sand mining, the planting of mangroves, re-nourishment of the beach with sand and the use of geo-bags.

Identifying solutions to climate change challenges facing Tanzanian Local Governments

The five zones were reconvened and asked to discuss the solutions they could identify to the challenges that were outlined earlier. Once the discussions were complete, representatives from each of the zones reported back the solutions discussed.

South Highlands

- Increasing awareness of local populations through NGOs and schools
- Land use planning, particularly for agriculture
- Developing a better understanding of the causes of climate change
- Increased cooperation between ministries, agencies and local government
- Active reforestation
- Reduce costs for alternate energy so make it cheaper than firewood

Coastal Zone

- Financing to build sea walls and assistance from experts like Dr Mather
- Provision of wells to combat bush fires
- Build the climate change awareness of the local population
- Enforce by-laws regarding re-planting of trees and tackle the problem of illegal harvesting of trees
- Plant trees, prohibit cultivating in the water sources and limiting building in certain areas in order to reduce flooding and its impacts
- Planting trees to assist with temperature increases and to reduce pollution.
- Advising on sustainable grazing
- Identify crops that can resist drought and also implement irrigation
- Develop town plans and ensure construction of houses meets construction standards
- Protect water resources to ensure we have water for irrigation and the environment
- Prohibit illegal fishing and hunting to preserve ocean resources
- Control the illegal use of sand

Central Zone

- Raise awareness of local population and strengthen the village committees
- Plant trees that are environmentally appropriate for the local context
- Establish a strategy of forest management that ensures people leave a portion of a tree for regrowth
- Make use of renewables like biogas instead of firewood and charcoal
- Promote alternative materials to wood for construction
- Environmental assessment to understand the impact of small scale mine as well as the education of small scale miners on how to reduce their impact and to rehabilitate the area after they have completed mining
- Land use planning to set aside land for various uses such as agriculture, housing etc.
- Education of livestock owners regarding overstocking
- Raising awareness and making sure the by-laws are implemented in areas to prevent bush fires
- Exchanges to other areas to learn from others
- Training on environmental appropriate agriculture

Northern Zone

- Raise awareness
- Establish by-laws regarding when trees can be harvested
- Implementation rain water harvesting
- Implement drainage in urban areas and make sure drainage systems are well maintained
- Ensure building construction respects town planning
- Reduce agriculture and livestock in hills and mountains
- Plant vegetation and put in place by-laws to prevent harvesting of trees
- Protect water resources
- Use environmental friendly cook stoves
- Prevent the illegal dumping of waste
- Reduce dependency on chemical fertilizers
- Have separation at source of waste and prevent illegal dumping of waste
- Implement agricultural methods that protect soil from erosion
- With regards to land conflicts we need to have a proper land use plan that is implemented and livestock owners need to be educated on keeping less livestock
- Reduction of snow at Mt. Kilimanjaro: plant more trees

Challenges to the solutions include highlight by the group included:

- Shortage of expertise especially in the environmental sector
- Lack of resources like finance
- Lack of master plans in our town councils or district councils
- Lack of knowledge about climate change and impacts of climate change
- For a poor person it is difficult to not cut down trees or reduce livestock

- The cost of renewable energy versus charcoal or firewood
- Plastic bags as a result of development
- Need for more research

Lake Zone

- Improving agriculture practices and making sure that plants are resistant to diseases
- Master plans in our town and district councils and by-laws that are applied in local areas. Every village should have a proper land use plan
- Ensure that our water sources are well preserved
- Make sure that we preserve our beach and make sure the environment is conserved and preserved
- Rotation of fishing areas
- Reduce activities that impact on Lake Victoria water levels
- Prevent activities that cause pollution of Lake Victoria
- Enforce laws that conserve the environment

Way Forward

Dr Sean O'Donoghue provided an overview of the concept of establishing regional partnerships under the Durban Adaptation Charter. Several years ago eThekweni Municipality were provided with an opportunity to visit the USA to see the workings of the South East Florida Climate Change Compact. He explained that the strength of this compact includes being able to jointly apply for funding, to exchange knowledge and to have a strong voice in climate change discussions. As a result of this, eThekweni Municipality took the concept back to South Africa and called a meeting with its neighbouring local governments. At this meeting the local governments agreed to form the KwaZulu-Natal Central Climate Change Compact which could coordinate the climate change efforts of the local governments in the central part of the South African province of KwaZulu-Natal. He explained that in South Africa it was planned to promote the establishment of more climate change compacts surrounding some of the larger cities of South Africa. Some of the advantages of these local compacts include the ease of meeting since the local governments are close to each of as well as the fact that neighbouring municipalities experience similar problems. He recommended that the plenary discuss the possibility of establishing local climate change compacts in Tanzania.

During plenary discussions it was recommended that since Local governments in Tanzania were already organised in regions that the climate change committees be established by regions. It was also suggested that at district and town council level, permanent climate change committees should also be formed. An additional point from the floor was a recommendation that the committees include experts on the environment and in response it was recommended the committees were established with a combination of chairpersons from local governments as well as staff from the environmental departments. It was also recommended that a time frame be established for when the committees should be established.

The session concluded by resolving that climate change committees would be established at region, district and town councils by 11th December and regions should provide feedback on the establishment of the committees to the ALAT secretariat.

Signatories to the Durban Adaptation Charter

During the final session of the day those local authorities that had not yet signed the Durban Adaptation Charter were provided an opportunity to do so.

In total 32 local authorities signed the charter and the full list of new signatory municipalities is presented below:

1. Morogoro Municipal Council
2. Bukombe District council
3. Ngara District Council
4. Same District Council
5. Kilombero District Council
6. Msalala District Council
7. Ilala Municipal Council
8. Muleba District Council
9. Ikungi District Council
10. Bagamoyo District Council
11. Mkinga District Council
12. Magu District Council
13. Monduli District Council
14. Gairo District Council
15. Rufiji District Council
16. Manyoni District Council
17. Mafia District Council
18. Kibondo District Council
19. Uvinza District Council
20. Chamwino District Council
21. Muheza District Council
22. Ngorongoro District Council
23. Kwimba District Municipality
24. Chato District Municipality
25. Kasulu District Council
26. Kasulu Town Council

27. Mtwara/ Mikindani Municipal Council
28. Ruangwa District Council
29. Morogoro District Council
30. Kilindi District Council
31. Mkingo District Council
32. Pangani District Council



Figure 4: Local Authorities signing up to the Durban Adaptation Charter

Wednesday 12th November: Resolutions and Reporting

Resolutions

The purpose of the final day of the event was to finalise a set of climate change resolutions. During this session a set of draft resolutions were presented to participants by Sarah Birch (ICLEI) and Engineer Mussa Natty (Kinondoni Municipality). These resolutions were subject to considerable discussion and debate. At the conclusion of the session the following wording was adopted by the participants.

Resolution by the Tanzanian Local Authorities in support of advancing an integrated response to climate change within East Africa

We, all the local government political leaders and executives from across Tanzania, on the occasion of the Durban Adaptation Charter's International Capacity Building for Local Governments East African Regional Workshop, hereby resolve that

We are:

Gravely concerned by the IPCC Fifth Assessment Report, in particular that the 400 ppm (parts per million, CO₂) threshold has been breached and greenhouse gas emissions continue to rise significantly; that development gains, and the achievement of the Millennium Development Goals in Tanzania are being severely undermined by extreme weather events which affect the poorest and most vulnerable communities hardest; that loss of biodiversity, and increasing water, food and energy insecurity threatens human well-being; and that the African continent is simultaneously and rapidly urbanising, especially in growing informal settlements;

Seeking solutions to problems associated with climate change like deforestation and its impacts on hydrology, flooding, rainfall variability, increasing alien invasive species, drought, food security, sea level rise and climate change impacts on infrastructure;

Recognising that Tanzania's cities and urban centres are growing rapidly and by 2030 will host more than 50 per cent of the population; that this presents an opportunity to boldly re-think current urban development trajectories while also addressing vulnerabilities and risks to which African populations are increasingly exposed in both rural and urban areas;

Acknowledging paragraph 7 of Dec. 1/CP16 in Cancun at UNFCCC COP16, the initiation of the Durban Adaptation Charter at UNFCCC COP17 and paragraph 5b of Dec.1/CP19 in Warsaw at UNFCCC COP19 as milestones in recognition, engagement and empowerment of local and subnational government as governmental stakeholders of global climate regime;

Welcoming the outcomes of the Climate Summit 2014 for local and subnational governments, in particular the Compact of Mayors and Resilient Cities Accelerator Initiative as new and additional vehicles of raising global ambition of climate action, and within this scope encourage the active engagement of local and subnational governments in international climate initiatives;

Building on the Local Climate Solutions for Africa 2013 Congress – Africa as part of the Local Government Climate Roadmap 2013-2015, where a signing ceremony of Tanzanian local authorities was convened for the signing of the Durban Adaptation Charter, and noting our many signatories to the LOCS 2013 Dar es Salaam Tanzania communique to the UNFCCC;

We, the locally elected political leaders and executives of Tanzania, under the leadership of the Association of Local Authorities of Tanzania (ALAT), and in mutual support of relevant tiers of government, including Prime Minister’s Office Regional Administration and Local Government (PMORALG), assembled at the Durban Adaptation Charter East African Regional workshop, add our voice to the global agenda through this resolution, through our partnership in the Local Government Climate Roadmap 2013-2015 and in coordination with the Global Taskforce for Local and Regional Governments for Post 2015 and Habitat III;

Commit to engage with our national government, and regional and pan-African and global organisations such as the East African Local Government Association (EALGA), East African Community (EAC) and United Cities and Local Governments - Africa (UCLG), ICLEI – Local Governments for Sustainability, and the African Union (AU), the private sector, financial institutions and civil society to build a collaborative, partnership based approach to effectively address vulnerabilities and risks; and to adopt strategies, policies and actions which catalyse the transition to inclusive green growth;

Welcome decisions of the UN Environment Assembly on ecosystem based adaptation and the promotion of air quality which strongly contributes in the improvement of quality of life in African cities as well;

Welcome the start of the Hyogo Framework for Action on Disaster Risk Reduction Phase-2-2015 with a view to establish clear linkage between climate change adaptation and Disaster Risk Reduction through appropriate synergies between 10 principles of the Making Cities Resilient Campaign the full implementation of DAC;

Urge national governments to ensure synergies with other multilateral processes including the Sustainable Development Goals negotiations and High-level political forum, the Hyogo Framework for Action on Disaster Risk Reduction Phase-2-2015, HABITATIII – 2016, and the Nagoya 10-Year Plan of Action for Biodiversity;

Urge that the Tanzanian national government, and all others throughout Africa, commit to work collaboratively with local government and sub-national authorities to ensure they are able to access human and financial resources in order to fast-track the implementation of locally appropriate, pro-poor low carbon and resilient actions;

Committed to take action by signing and promoting the Durban Adaptation Charter, and have resolved to convene climate change regional committees and local committees, within every local government, within Tanzania to enhance climate change adaptation implementation, communication and coordination;

Call on the National Government of Tanzania, development partners and the Local Government and Municipal Authorities (LGMA) constituency, to recognise and support the development of these regional and local committees and other local government climate change initiatives towards the implementation of the Durban Adaptation Charter. Further, to invite the Government of Tanzania to actively support strong engagement of local and sub-national governments for active recognition, engagement and empowerment of local and subnational governments, and to contribute to pave the way for a 10-Year Action Plan for City and Subnational Action in the UNFCCC processes;

Request that the Local Governments and Municipal Authorities (LGMA) Constituency continues to provide leadership through convincing and effective negotiating positions on behalf of African subnational authorities;

Invite the Government of Tanzania, in collaboration with the “Friends of Cities” group at the UNFCCC, to undertake necessary actions to assist locally elected leaders in the implementation of the Local Government Climate Road Map 2013-2015.

Resolutions of Tanzanian Local Authorities, led and coordinated by the Association of Local Authorities (ALAT) to the Republic of Tanzania National Government

We commit to creating a local government climate change governance structure and coordination mechanism in order to share lessons between local authorities in Tanzania, to enhance our capacity and implement climate change actions in the context of national policies and legislation.

Through this we have committed to create local climate committees in all local governments that will report to regional climate committees of representatives that in turn will report to a national climate committee of local authorities coordinated by the ALAT leadership. This will work through existing ALAT structures so as to avoid creating duplication of processes.

We urge the National Government to develop and implement standing committees on climate change for every local government in Tanzania.

Through our leadership and willingness to increase communication, to learn and share, and to act on climate change, we call on the national government and all development partners to support our mission.

Considering, the impacts of climate and other types of disaster are most closely felt at the local level, and this is where immediate and efficient response is required, we call on the national government to consider a revision of resourcing and management of disaster response measures to be devolved to the local level.

We commit to investigate our internal budgets and financial resources to determine how to support our climate actions and climate proofing of our mandates and services.

We further commit to support initiatives that are well coordinated with ALAT to bring climate related finances to the local and regional authority level.

To assist us in our commitment above, **we urge the national** government to provide support to funding proposals that are aimed directly at supporting local government climate actions, through ALAT and PMORALG, and with supporting organisations such as ICLEI – Local Governments for Sustainability.

We commit to promote and advocate the use of the internationally accepted global reporting platform for sub-national governments, the Carbonn Climate Registry for our climate change actions.

Reporting

In parallel to the session in which the resolutions were adopted, Dr Sean O'Donoghue introduced municipal officials to the Carbonn Climate Registry reporting format and in particular the reporting component for Adaptation activities. He explained the details of the reporting process and then distributed the adaptation reporting forms to the participants to complete. Dr O'Donoghue undertook to arrange for the forms to be entered on-line into the Carbonn registry system. In total 49 local authorities completed the reporting formats.



Figure 5: Briefly local authority officials on completing the Carbonn Climate Registry reporting format for adaptation

Conclusion

At the conclusion of the workshop all participants were convened in a final plenary session. During this session participants completed a feedback form on the workshop. The results of participant feedback can be found in Appendix C of the report.

Thereafter certificates of completion were presented to participating municipalities.



Figure 6: All Local Authorities present received a certification of completion at the end of the workshop

The workshop was finally closed with the formal presentation of the adopted resolutions to Sarah Birch of ICLEI.

Appendix A: Attendance Register

Durban Adaptation Charter Capacity Building Workshop Attendance Register-Day 1 (10 November 2014)

| NAME | Gender | ORGANISATION | POSITION | TELEPHONE | EMAIL |
|------------------------|--------|-----------------|--------------------|------------|--------------------------|
| Abasia. Matuliko | M | Liwale DC | M/KITI | 0713281157 | |
| Abdallah Chisane | M | Nachingwea DC | M/KITI | 0686037384 | |
| Abdallah S. Ngodu | M | Kaliva DC | DED | 0784514245 | abdallahngodu@gmail.com |
| Abel Mulala | M | Buhingwe DC | M/KITI | 0753925596 | |
| Adam Malunkwi | M | Urambo DC | M/KITI | 0767580046 | |
| Adam Ngimba | M | Kisarawe DC | M/KITI | 0767689522 | adamngimba@gmail.com |
| Addhu D. Mkomambo | M | Kibaha TC | M/KITI | 0755254736 | addleumkomabo@gmail.com |
| Ali K. Machano | M | Zanzibar MC | CC Partnership Rep | 0777830882 | Alimachano93@yahoo.com |
| Ally Hatibu | M | Manispaa Temeke | Mwemo | 0717368587 | Hatibually2009@yahoo.com |
| Ally Kassinge | M | Nanyumbu DC | DED | 0786984876 | amakassinge@yahoo.com |
| Ally Nnunduma | M | Nachingwea DC | For DED | 0787784406 | allynnunduma@gmail.com |
| Aly N. Ndingo | M | Tandahimba DC | M/KITI | 0787001513 | |
| Amani Mnamindi | M | Iringa MC | Mayor | 0655762404 | |
| Ambilikile Mwampanga | M | Makambako TC | Ag.TC | 0754524975 | amwampanga@yahoo.com |
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Durban Adaptation Charter Capacity Building Workshop Attendance Register-Day 2 (11 November 2014)

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Appendix B: Tanzanian Local Governments Climate Change Impact Questionnaire Results

Tanzanian Local government officials who attended the Durban Adaptation Charter (DAC) Capacity Building Workshop in Dar es Salaam, Tanzania completed a questionnaire regarding the climate change challenges and impacts which they are faced with in their local areas.

The results represented below are of 72 Local government authorities and the questions were answered as follows:

Please identify the top three climate change impacts that are of most concern to your local authority?

When local governments were asked to identify the top three climate change impacts that are of most concern to them from a list of potential impacts presented in the questionnaire, respondents identified drought and flooding as the leading impacts of concern (figure 1 below).

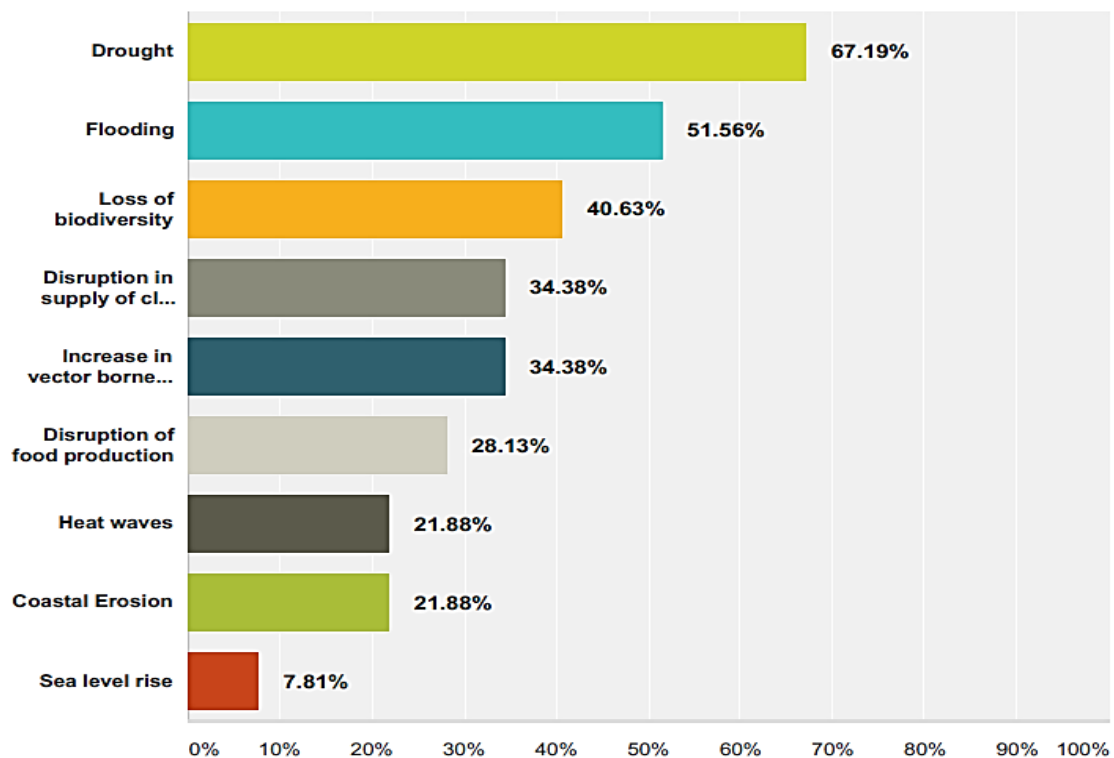


Figure 1: Top climate change impacts of concern to Tanzania local Governments/Municipalities

Has your local authority experienced any likely climate change impacts in the past three years? If so please briefly describe those impacts below.

Local authorities were asked to indicate if they have experienced any climate change impacts in the past three years. A number of local authorities indicated that droughts, agricultural impacts and floods were the top three climate change impacts experienced in the area over the most recent years (Figure 2). Extreme weather events as a result of seasonal changes, drought and water shortage in water supply are often the cause of these major impacts. They also commented that floods have been the most recorded occurrences particularly between 2011 and 2014, often resulting in multiple impacts, affecting service delivery, human health and wellbeing, infrastructure and the economy.

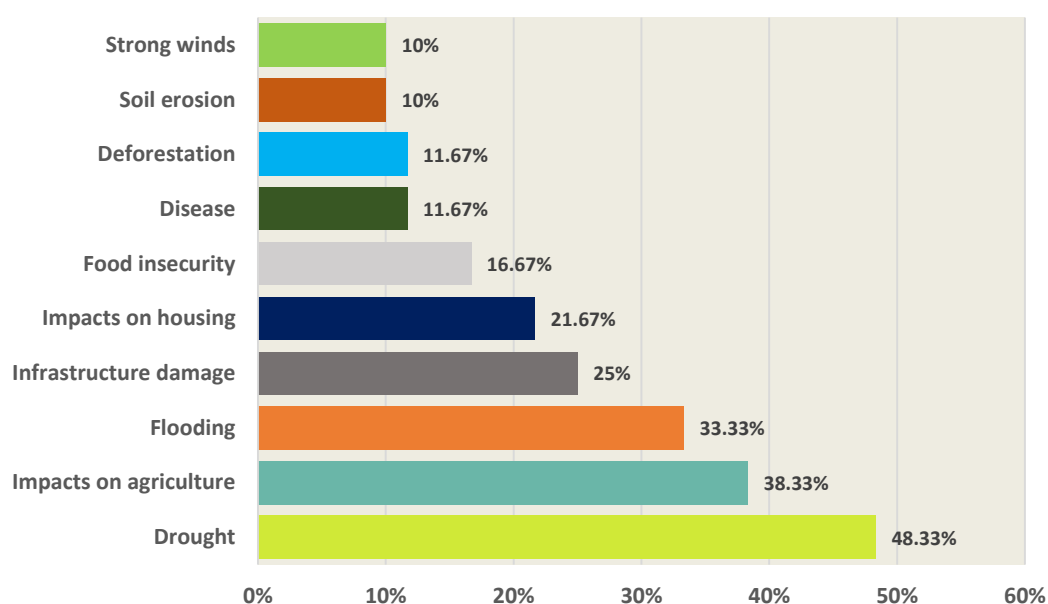


Figure 2: Top climate change impacts experienced by Tanzanian local authority in the past three years

Below are some of the comments and examples which were provided by different local authorities:

“Floods which occurred in 2001, in Kibumba village resulted in loss of life, damage to buildings and other structure, including bridges, sewerage systems, roadways and canals. Also food plant were destroyed that lead to food shortage”

“Occurrence of floods especially in low lying areas like Guhve, Godegoda and Chipagoro. Experience of drought, disappearance of water flow in rivers Kikiombo River. Change in weather season especially rainfall as a result of low production of food crops, hence affecting people...”

“High wind pressure destroyed houses in the district in April, 2014. Road destruction in November 2013 at Lembeni-Kilomeni ward and Kisangara village.”

“Sea water intrusion in inland areas which were used for farming and grazing activities, as well as social activities can no longer be in use. - No more economical activities in the area.”

“Destruction of roads infrastructures especially bridges following overflow of rivers within the municipality, Diseases outbreaks e.g. Dengue as well as soils erosion”

“Strong winds which affected human settlements, more than 250 houses were affected, destruction of drainage and roads infrastructures”

“Inadequate rainfall, changes in rainfall seasons, decrease in income and decrease of natural vegetation”

What actions has your local authority taken in order to adapt to climate change impacts?

Most Local Authorities in Tanzania have recently started planning and discussing around climate change and are currently trying to building capacity within their municipal structures while parallel also raising awareness within their communities. They recognize that more resources need to be directed towards climate change adaptation. Although not much action has been taken, most authorities still expressed the areas where they would like to see actions, based on the different municipalities’ needs. Figure 3 below shows that there is a huge focus on afforestation and community awareness, and some progress is being made in other areas.

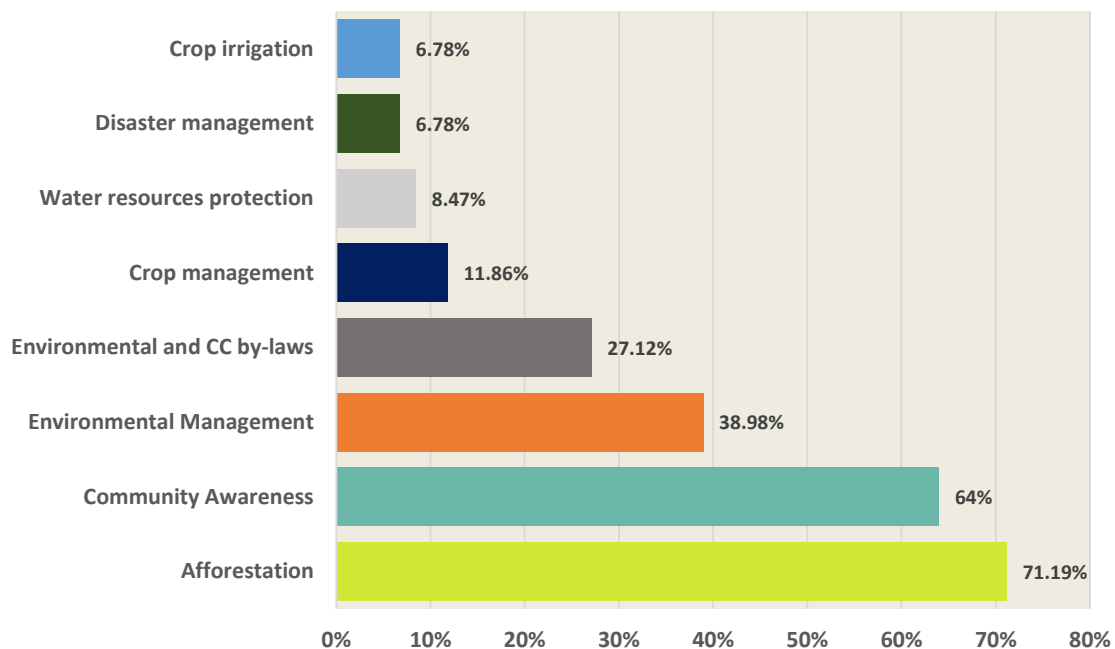


Figure 3: Actions taken by Tanzanian local authorities in order to adapt to climate change impacts

Some of the local authorities stated the following:

"..The municipality has created awareness of the various environmental issues including educating the people the importance of protecting the environment."

"Community members have been sensitized to plant trees in order to prevent their houses from strong winds, construction of modern and strong houses, trees plantations and repair of destructed water drainage infrastructures"

A number of municipalities have begun implementing climate change adaptation projects as mentioned in the comments below:

"Enhancing climate partnerships between Poldam and Zanzibar municipality in capacity building and human resources in adaptation and mitigation measures. Project implementation (ZUSP) through loan by World Bank, for the improvement of Drainage Systems in the flood prone zones. Feasibility study on integrated waste disposal facilities under Zanzibar Urban Services Project for the project proposal of landfill"

"Establishing trees nurseries in 12 wards, environmental clubs, preparing IEC materials (leaflets, pamphlets, etc.) on the effects of climate change, to promote greenhouse agriculture in order to reduce agricultural chemical uses"

"There is District plan already developed to plant trees. Making Councils by-laws to protect environment and best agricultural practice"

"Establishment of campaign of planting trees. Conservation of trees so as to allow for regeneration and reforestation. Preparation of land use plans in 18 villages. Campaign of good practice of agriculture which abide to regulation."

Please provide details on the type of climate change support your local authority would ideally need to respond appropriately to climate change?

Tanzanian local municipalities indicated a strong need for climate change support as indicated in the Figure below (Figure 4). Training (98.47%) and Funding (52.63%) were the leading areas where local municipalities required support, at the same time also highlighting the need for capacity building and knowledge sharing.

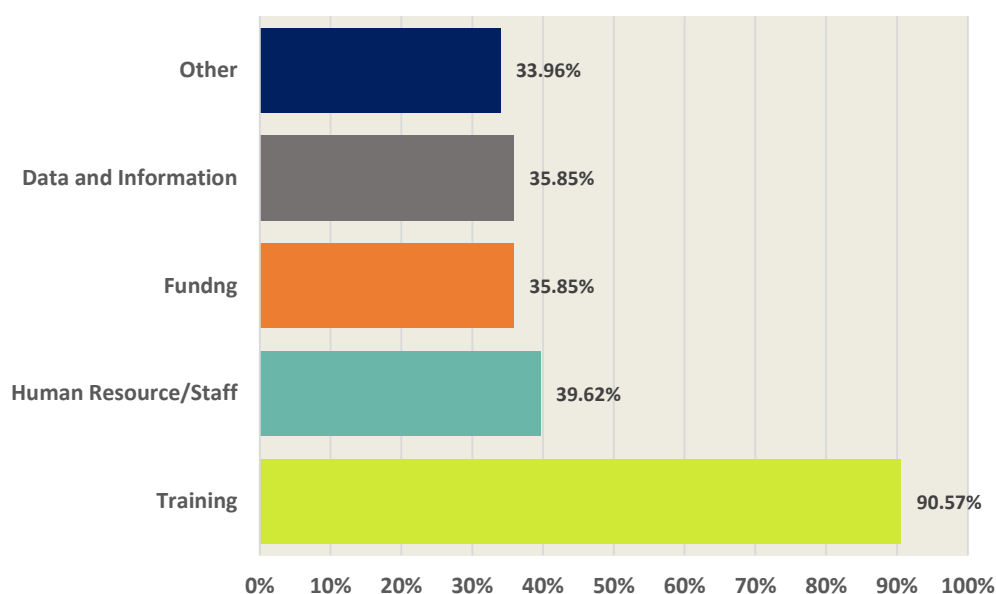


Figure 4: Type of climate change support local authorities would ideally need to respond appropriately to climate change

Some comments on the need for support were as follows:

“Training is required regarding climate change preparedness and coping strategies...mobilizing resources for climate change adaptation and mitigation”

“Need for sharing of information from other cities and municipalities which have to take successive action toward climate change”

“Capacity building to prepare staff, coordination in the ministry so as to fund land and environmental conservation activities”

“Council should emphasise the need of increasing its revenue collection from its own sources in order to be able to carry own initiatives to fight against climate changes”

Appendix C: Results of Workshop Evaluation

A total of 102 participants of the DAC Regional Capacity Building Workshop completed feedback forms at the end of the workshop, consisting of the following sections:

Overall Workshop Experience: How would you rate the quality of the workshop?

Participants' overall experiences ranged between "Fair" and "Excellent", with 27.72% and 48.10% of participants giving it "Good" and "Very Good" ratings, respectively. 20.76% of participants gave the workshop an "Excellent rating" with only 2.97% participants indicating that the workshop was of "Fair" quality (Figure 1). Participants' comments were positive and mostly constructive, highlighting the importance and relevance of topics and sessions held during the workshop and commenting on the language and good methods used during presentations throughout the workshop.

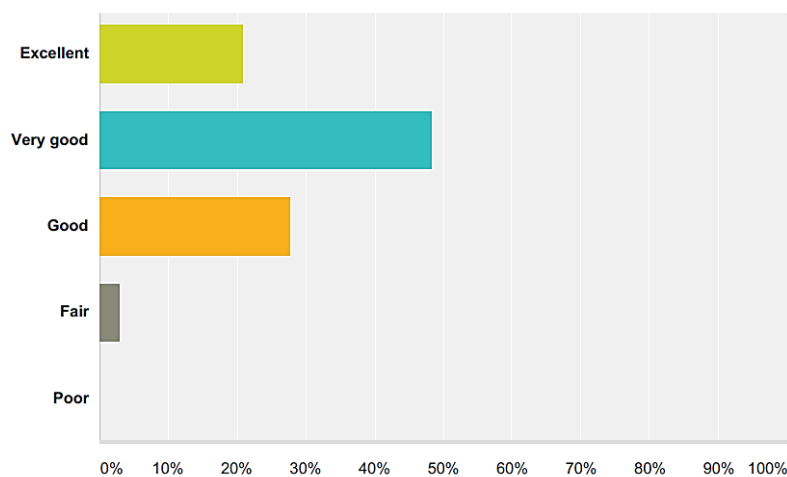


Figure 1: How participants rated the overall quality of the workshop

A few of the comments made by the participants were as follows:

"Those who represented the workshop material, they were well-equipped and well organized and well presented."

"Very comprehensive on all aspects of climate change."

"Preparation was good but facilitation of topics was somehow complicated. It was too academic especially for the topic of science of climate change and climate change impacts in Tanzania."

How would you rate the workshop's ability to help you address the climate challenges your community faces?

Participants indicated that the workshop helped them in better understanding and addressing climate change challenges in their communities, with most participants giving it “Very Good” (49.49%) and “Good” (32.32%) ratings as indicated in Figure 2 below. 15.15% of participants gave it an “Excellent” rating, while 3.03% gave it a fair rating.

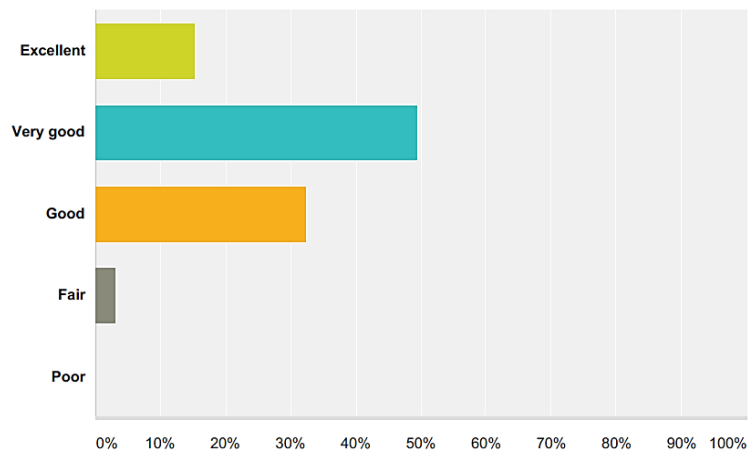


Figure 2: How participants would rate the workshop's ability to help address Climate Change challenges in their communities.

One of the participants gave the following comment:

“The knowledge I have gained will help me to disseminate the knowledge to other members concerning mitigation of various climate change issues.”

Would you recommend the Workshop to others?

When asked this question, the majority (99.01%) of participants stated that they would recommend this workshop to others. The people that they would recommend the workshop to included Town Planning officers, Agricultural Officers, Natural Resource Officers, Environmentalists, Council Planners, Developmental Officers, Council Officials and lower level leaders from villages to ensure that information can be passed on to communities. A large number of participants highlighted that the information discussed in the workshop should be shared with communities so as to raise awareness regarding climate change issues.

Learning Experience: Did the workshop assist you in learning from counterparts from other communities?

The majority of participants indicated that the workshop assisted them in learning from other communities. Participants indicated that learning was assisted between “Somewhat well” and “Extremely well”, with 21.43% having learnt “Somewhat well”, 61.22% of the participants learning was assisted “Very Well” and lastly 17.72% indicated that their learning was assisted “Extremely well”, as indicated in Figure3 below.

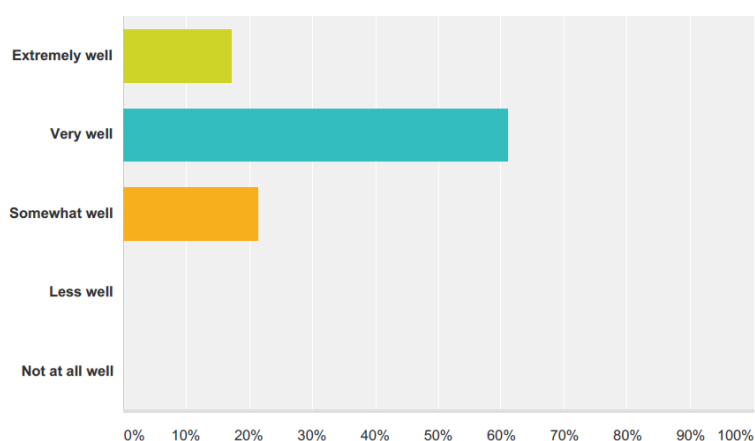


Figure 3: How participants would rate the workshop’s ability to help address Climate Change challenges in their communities.

Some comments from this section were as follows:

“I have learnt how the community can associate or join together to overcome climate challenges i.e. the project of Monduli, Longido, and Lorianondo.”

“I learnt new issues concerning the rise of sea level, especially from Zanzibar people.”

“I have learnt from the community of Durban/South Africa and other regions.”

“I have noticed that there are different experiences caused by different environment.”

Did the workshop assist you in learning more about climate change impacts in Tanzania?

Most participants indicated that the workshop assisted them in learning more about climate change impacts in Tanzania (Figure 4). Participants believe that their learning was assisted between “Somewhat well” and “Extremely well”, with 14.89% of participants indicating that their learning was “Somewhat well” assisted, 63.83% indicating that their learning was assisted “Very Well” and lastly 21.28% indicated that their learning was assisted “Extremely well”.

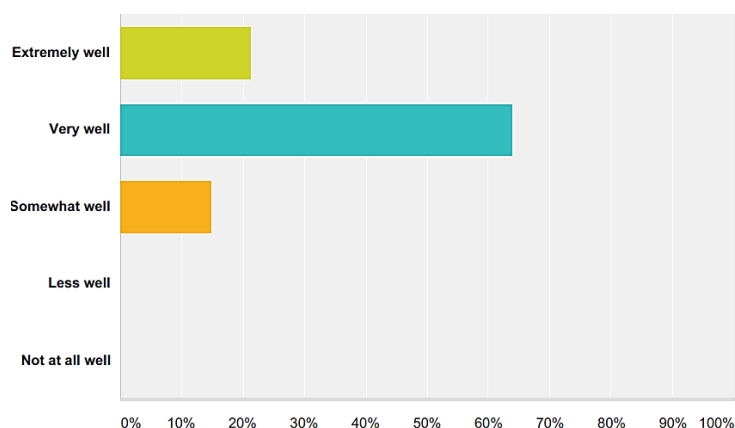


Figure 4: How participants believed the workshop assisted them in learning more about climate change impacts in Tanzania.

Some of the comments captured in this section were as follows:

“The workshop has assist me to understand more climate change impact not only in my district but also country wide and global.”

“I was well- brushed up with the knowledge and this itself makes work better with management personnel in District.”

How confident are you that you are aware of the climate change challenges in your community and that you have the ability to address climate change adaptation challenges in your community, overall?

The workshop achieved its objectives, based on the responses obtained concerning participants' confidence levels before and after the workshop, with regards to the topics mentioned above. Before the workshop, most participants indicated low confidence levels with regards to their 1) understanding and awareness of the climate change challenges in their communities and 2) their ability to address climate change adaptation challenges in their communities, overall. Confidence levels increased after the workshop for both topics as shown in Figures 5 and 6.

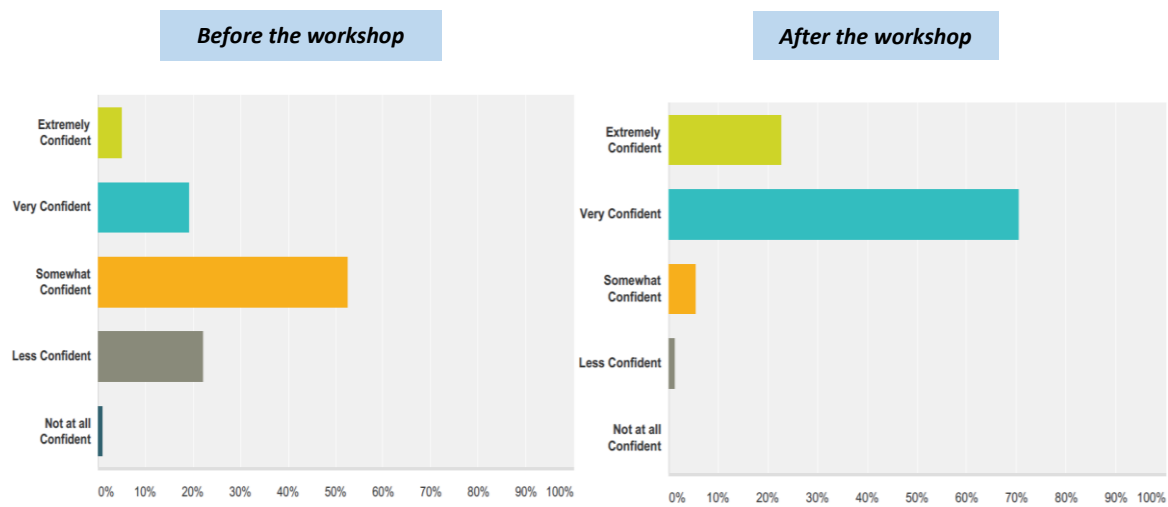


Figure 5: Participants' confidence in their awareness concerning climate change challenges in their communities, before and after the workshop.

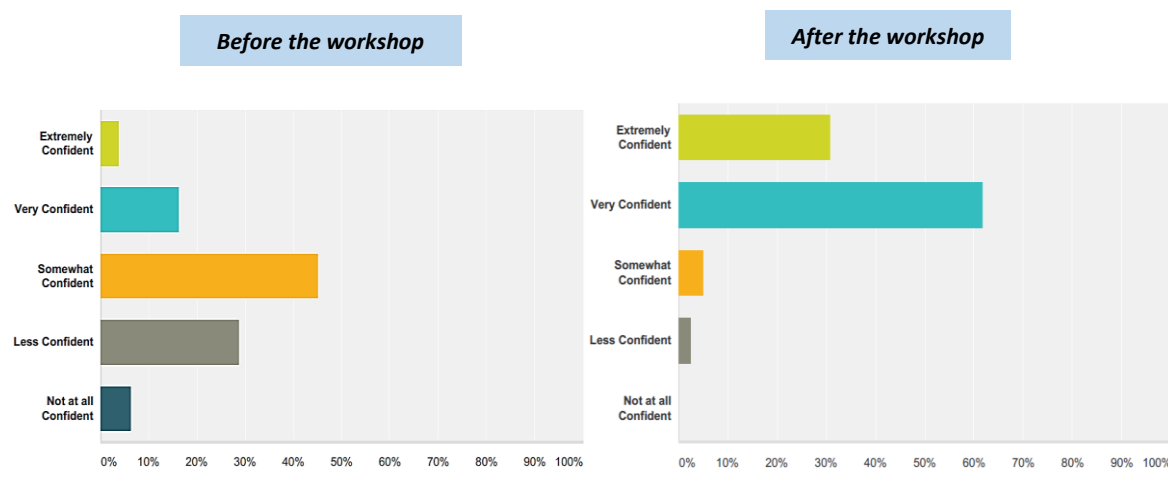


Figure 6: Participants' ability to address climate change adaptation challenges in their communities, before and after the workshop.

Agenda Element: Response that best reflects your opinion about the following workshop component- 1) the science of climate change presentation and 2) the climate change impacts in Tanzania and the role of local government presentation from Dr Alphonse Kyessi.

Workshop participants indicated that they found the presentation on the science of climate change presentation (Figure 7A) useful with responses ranging between “Somewhat useful (13.40%)” to “Extremely useful” (24.74%). The majority (61.86%) of participants indicated that the presentation was “Very useful”. A similar trend was observed for the responses on the climate change impacts in Tanzania and the role of local government presentation (Figure 7B). The majority (54.17%) of participants found the presentation to be “Very Useful” followed by 29.17% of participants that indicated that the presentation was “Extremely useful”. The remainder of participants thought the presentation was “Somewhat useful” or was “Of limited use”.

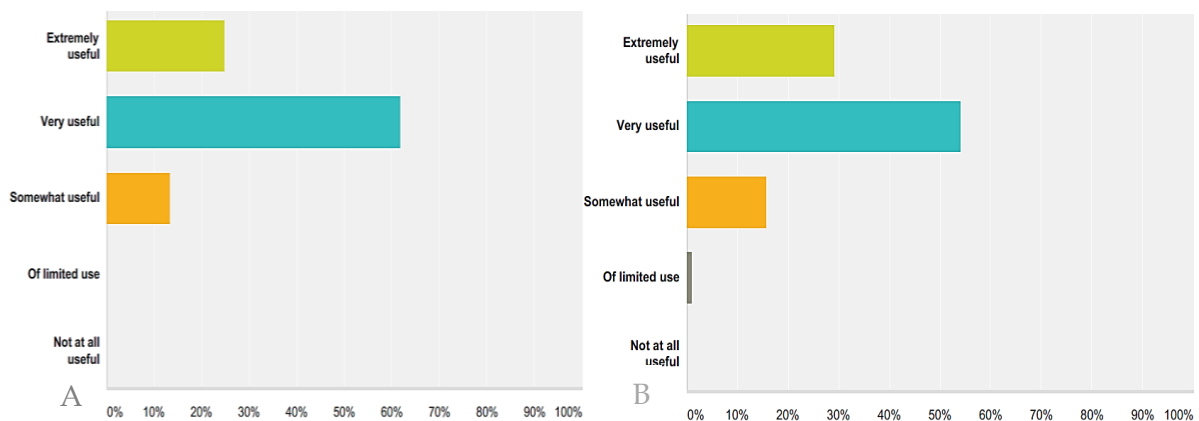


Figure 7: Participants' Response best reflecting their opinion about A) the science of climate change presentation and B) the climate change impacts in Tanzania and the role of local government presentation from Dr. Alphonse Kvessi.

Agenda Element: Response that best reflects your opinion about the following workshop component- film: climate change disruption.

Most workshop participants (51.65%) indicated that the film on climate change disruption was “Very useful”, while 26.37% and 14.29% thought it to be “Somewhat useful” and “Extremely useful”, respectively. The remainder of participants, indicated that it was “Of limited use” (3.30%) or “Not at all useful” (4.40%).

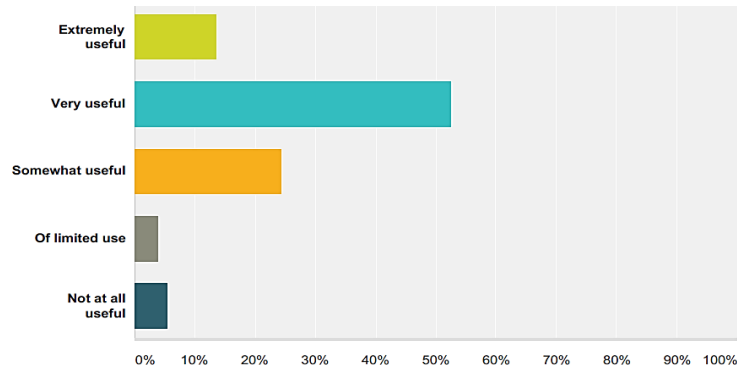


Figure 8: Participants’ Response that best reflects their opinion about the film on climate change disruption

Agenda Element: Response that best reflects your opinion about the following workshop component- Identifying climate challenges facing Tanzanian LGAs and the plenary discussion identifying climate challenges facing Tanzanian LGAs.

Most workshop participants found the section on Identifying climate challenges facing Tanzanian LGAs to be “Very useful” (64.21%) as shown in Figure 9A, with responses ranging between “Extremely useful” (18.95%) to the information being “Of limited use” (4.21%). Similar results were obtained for the plenary discussion - Identifying climate challenges facing Tanzanian LGAs, as shown in Figure 9B.

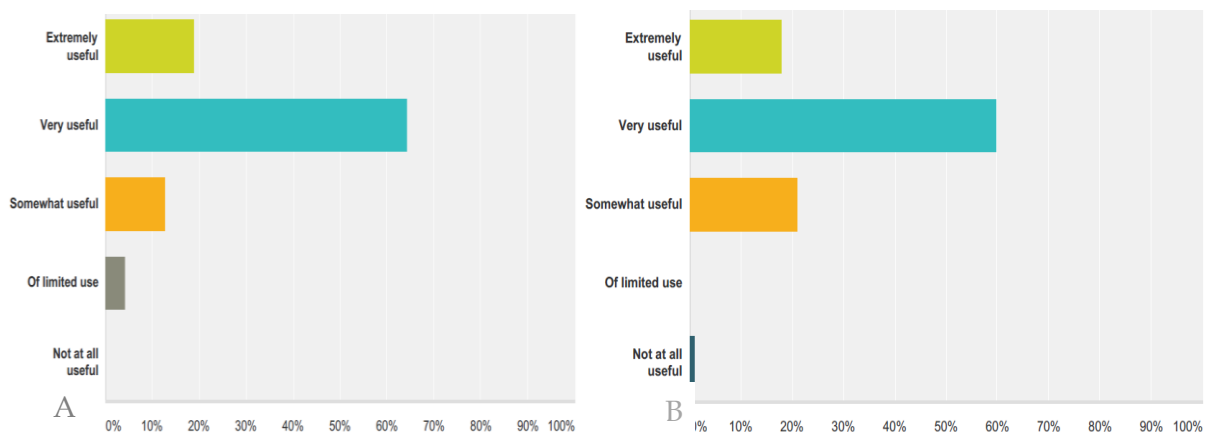


Figure 9: Participants' Response to session on A) Identifying climate challenges facing Tanzanian LGAs and B) the plenary discussion identifying climate challenges facing Tanzanian LGAs.

Comments on the parallel sessions on day 3 that participants attended.

"The parallel lessons I attended enlightened me of the effects of the climate change."

"Was very useful as it was about knowing how to report about the issue of climate change. Acts leading to adaptation & mitigation."

"It was good because if used fully will simply track the efforts currently done and it will count what step has been taken to solve the problem"

"Presentation on climate change should be area specific examples should be cited from Tanzania findings -national commitment on CC should also be highlighted"

If this workshop were to be offered again, what aspects of it would you change?

The majority (51.52%) of the workshop participants indicated that they would change a few things if the workshop had to be offered again. These changes included: Allocating more time for group interactions; arranging split workshops for professionals and for councillors, and mayors; including site visits to add a practical component to the workshop; and, including content and examples from rural areas.

The remainder (48.48%) of the participants indicated that they would not change any aspects of the workshop.

Thoughts/comments participants wish to share with the event organizers.

"The workshop was good but for the next time it will be better if we will move and see the real situation of climate change (field trip). On the way back, I will practice on what I have learnt in the real situation by involving others."

"I suggest these workshops to be conducted frequently with the engagement of the participation of the government officials because so activities (most), have financial issue implementation which will require government say. Also updates of climate change to be circulated in meeting."

"The workshop has been very important to my council. Since is an island that is affected by the climate change due to erosion of the island and depth increase that cause some of the plants along the ocean has been unprotected. If this continue it is very likely after a number of year the island will be perish/taken away"

“Generally the workshop has been useful to me and my work. It has enlightened on the concepts, challenges, and various actions to combat this global challenge. Sometimes there is a need to have comments/presentations from Tanzania National Environment Management Council.”