

Africa Graduate Mentorship and Coaching Programme (AGMCP) 2023

Memorabilia



Vanessa Mzembe
(Masters)
Mentee



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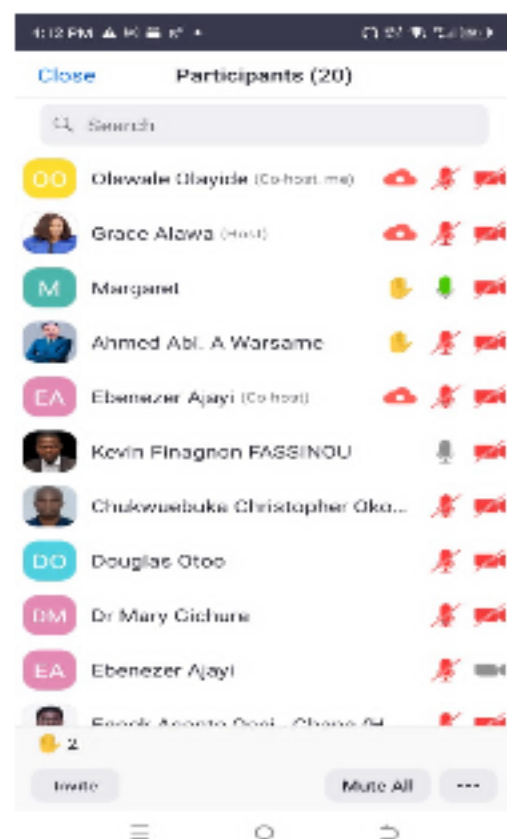
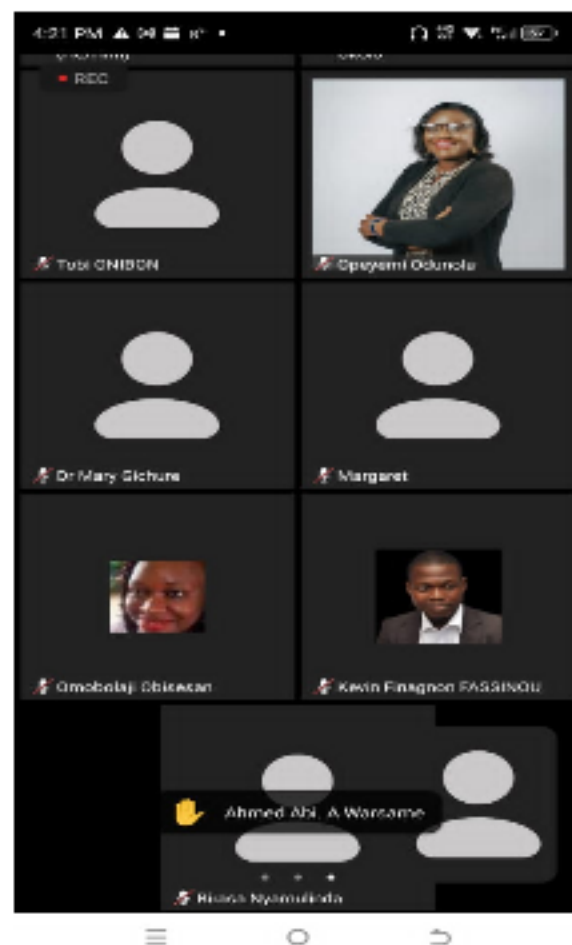
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Introduction

- The AGMCP is a mentor-mentee program focused on training young graduates in Africa on different disciplines including topics on sustainable food systems.
- Facilitated by Interconnections for Making Africa Great Empowered and Sustainable (IMAGES) Initiative.
- The following slides summarises my experience with AGMCP

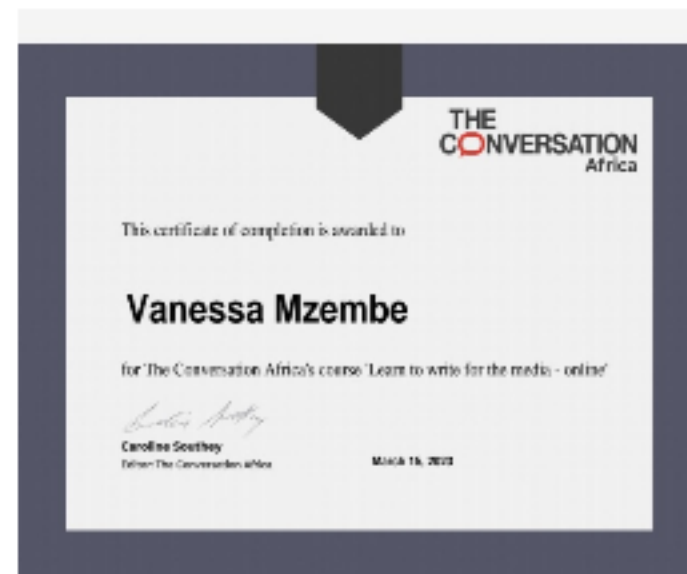
Experience, activities and outputs of the fellowship program

- Participation of mentorship and training programs through zoom.
- Output: Enhanced knowledge in food systems, communication, writing skills and work-life balance



Experience, activities and outputs of the fellowship

- Participation on learn to write for the media
- Resilience index Measurement and Analysis
- Outputs: Effective communication, listening and writing skills



Experience, activities and outputs of the fellowship

- Participation in the Circularity Africa Conference
- Output: Networking, recognition and effective information dissemination



Experience, activities and outputs of the fellowship

- Abstract submission to Circularity Africa Conference
- Output: Improved public speaking skills

Climate Smart Feeding Approaches in Beef Cattle for Sustainable Sub-Sahara African Food Systems

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Abstract

Climate change impacts continue to threaten agriculture production systems in Africa and the world at large affecting yield, price of agricultural produce and food security in various countries making it difficult to realize Sustainable Development Goal 2 which emphasizes on ending hunger, improve nutrition and achieve food security in most African countries. Not only has livestock production been affected with climate change impacts, it is also one of the causative agents in aiding to climate change. In sub-Saharan Africa, 16% of the total greenhouse emissions are contributed by ruminant animals and this is contributed also by the type of feeding. Climate change effects have been so devastating in Africa resulting into loss of biodiversity, disruption of many production cycles and eventually price of commodities hence affecting our food systems. Livestock species, including beef cattle have had their emission to the land through enteric methane through their feeding type. These are the contributors to climate change. The main objective is to come up with ways of eradicating the effects of climate change arising from beef cattle production through feeding. Climate change alters temperature and rainfall patterns. A number of cyclones have been devastating on both crop and livestock production affecting smallholder farmers who are the main player in the agricultural food systems in Africa. This will be a review paper that will include different research articles on climate resilience strategies, animal production systems and possible intervention in livestock production systems to eradicate their impacts on the environment. This paper will be expected to help both large scale producers of beef cattle and smallholder farmers on what type of feeding to offer to their animals for maximum production at the same time maintaining an inductive environment to the atmosphere, land and water resources.

Keywords: Climate change, Livestock Production Systems, Environment sustainability

Impact of the fellowship to my career

- Improved research writing skills
- Improved communication even to non-scientific audience
- Increased knowledge and weight of my resume through training
- Boosting of public speaking skills

Word for the AGMCP management team

- The program should have an incentive of introducing face-face meetings once in a year especially during the Circularity Conference.

Acknowledgement

- Many thanks to the IMAGES team for the opportunity
- A warm appreciation to my mentor Dr. Desalegn Ayal

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