



Food and Agriculture
Organization of the
United Nations



**Joint Actions on Operationalization of the
Framework for Sustainable Agricultural Mechanization in Africa (F-SAMA)**

WEBINAR No. 11:

Mechanization of smallholder land management practices in Malawi & Zimbabwe

Thursday, 11 April 2024, 09:00 - 11:00 hrs (GMT)

Moderator



Mark Kofi Fynn is an Agro-Food Systems Specialist with FAO's Sub-regional Office for Southern Africa, Harare, Zimbabwe. Before joining FAO, he spent about 5 years as the Agribusiness Advisor at the African Union Commission in Addis Ababa, Ethiopia where he coordinated continental agribusiness-related interventions for the implementation of the 2014 Malabo Declaration on Accelerated Agricultural Growth and Transformation within the CAADP. Mark also worked with the German Agency for International Development in Ghana for 9 years.

Speakers



Edwin Zimunga is the Chief Director responsible for Agricultural Engineering, Mechanisation and Soil Conservation in the Ministry of Lands, Agriculture, Fisheries, Water and Rural Development (MLAFWRD) in Zimbabwe. He oversees the formulation, implementation and review of technologies, strategies, programmes, policies, guidelines and regulations on agricultural engineering, mechanisation, soil and water conservation in line with national development goals and priorities. Prior to joining government, Edwin worked in various sectors at various management levels in the tobacco industry, sugarcane-bioethanol industry, mineral processing, renewable energy, technology advisory and innovation as well as R&D



Matthew Mbanga is an independent Conservation Enterprise consultant based in Harare, Zimbabwe. He teaches an online Executive MBA class in Ecology, Business and Sustainability for Bakke Graduate University in Dallas, Texas. Prior to starting his own consultancy Matthew was the CEO of Foundations for Farming in Zimbabwe when FfF partnered with the Government of Zimbabwe to run a national Conservation Agriculture campaign that saw Zimbabwe achieve its highest maize yield in 37 years. 9-million people were able to feed themselves using the innovation taught by FfF. This led to the organization winning the inaugural FAO Partnership Award and founder Brian Oldreive earning a Presidential Commendation from the President of Zimbabwe.



Gertrude Kambauwa, Kambauwa is the Director of the Department of Land Resources Conservation in the Ministry of Agriculture. She is a civil servant with vast work experience and expertise in environmental management, sustainable land and water management, and in climate change for adaptation and resilience building. She is a Norman Borlaug Fellow and also a climate change negotiator for Africa under the African Group of Negotiators in agriculture and gender. Gertrude is currently involved in different platforms supporting the agenda of the Ministry and Department including: The Soil Health Consortium for Malawi (SoHCoM); and the National Conservation Agriculture Task Force (NCATF). Her passion is in empowering less privileged land users by providing them with the needed knowledge and skills for them to produce enough for their livelihoods sustainably from the land which they have so that future generations can also benefit in the same from it..



Mr. Zwide D. Jere is the Managing Director of Total LandCare. He has 30 years of experience working with rural communities in partnership with government, non-governmental and private sector organizations. His strong capability is assessing and analyzing issues of watersheds and resolving conflicts arising from resource uses by the different groups. Mr. Jere's experience has been focused on: 1) land use planning; 2) natural resources management and environmental monitoring; 3) developing, testing and promoting soil conservation and agroforestry interventions; 4) community empowerment; 5) production of user-friendly high quality extension and training materials; 6) training of trainers, extension agents and farmers in agroforestry, soil conservation, etc.



Mloza-Banda is the ACT Conservation Agriculture Pillar leader, ICAAP-Africa panellist, and a Professor of agronomy at the University of Swaziland with over 20 years of practical experience in research, innovation and development. He has a track record of securing regional and international project grants and implementing action research and mentoring postgraduate research with a bias in land and water resources conservation. He has been privileged to lead academic units as Chair of Department, Faculty Dean, and Director of Institute as well as serving in the public sector including as Chair of the Water Resources Board of Malawi. He is competent in generating national and international public goods through synthesis and publication of innovation and research results. He has demonstrable skills in development of information and communication materials and presentations at national, regional and international forums.

Webinar 11 Organizing Committee



Josef Kienzle is currently leading the sustainable agricultural mechanization group in the Plant Production and Protection Division of the Food and Agriculture Organization of the United Nations (FAO), based in Rome. Mr Kienzle's work emphasizes the crucial role of farm power, innovative and efficient mechanization solutions and the importance of appropriating them to the context of smallholder farmers in developing countries. His work also highlights the important role that the public and private sectors play in mechanization input supply chains and capacity building for mechanization service providers.



Joseph Mpagalile is an Agricultural Engineer and a member of the sustainable agricultural mechanization group in the Plant Production and Protection Division (NSP) of the Food and Agriculture Organization of the United Nations (FAO), based in Rome. He works on mechanization along the value chain (production, post-harvest handling, value addition, agro-processing and logistics). Until recently, he was out-posted at the FAO Regional Office for Africa (RAF) in Accra. In the past, he worked as an Agro-Industry Officer (Value Addition and Logistics) in the then Rural Infrastructure and Agro-Industries Division of FAO.



Nomathemba Mhlanga-Akubia has been with FAO since 2008. She was first based in the FAO HQ in Rome, Italy and moved to the sub-regional Office for Eastern Africa (SFE) in 2016. In the sub-region, she leads the organization's normative and field programme on agribusiness/value chain development, that touches on youth in agriculture, post-harvest management, agro-processing and agricultural finance/investment. Before joining FAO, she worked as a Research Officer at ICRISAT's Socio-Economics and Policy Programme. Noma was the FAO lead technical officer for the development of the SAMA Framework.



Professor Afeikhena Jerome has over two decades' experience working on policy issues in Africa. He is currently Special Advisor to the Commissioner for Rural Economy and Agriculture, African Union Commission, Addis Ababa, Ethiopia as well as Visiting Professor of Economics at Igbinedion University, Okada, Nigeria. He has held several distinguished positions including Visiting Scholar, International Monetary Fund; Visiting Fellow, the World Bank; and Senior Associate Member, St. Anthony's College, Oxford University. He has consulted extensively for the World Bank, African Development Bank, FAO, UNIDO, Brookings Institute and ACBF.



Saidi Mkomwa is the Executive Director of the African Conservation Tillage Network (ACT). As CEO of ACT, Saidi has efficiently managed development projects supporting smallholders in Burkina Faso, Ethiopia, Kenya, Niger, Tanzania, Uganda and Zimbabwe with development partners including AGRA, CFGB, COMESA, European Union, FAO, IFAD and NORAD. Previously, Saidi worked with the Ministry of Agriculture in Tanzania as Senior Agricultural Engineering Researcher. He is the coordinator of the Africa-Mechanize Platform Secretariat supporting knowledge management, capacity building and Networking in operationalization of the Framework for Sustainable Agricultural Mechanization in Africa (F-SAMA).



Geoffrey Mrema is a Professor of Agricultural Engineering at the Sokoine University of Agriculture in Morogoro, Tanzania. He also serves as a technical advisor to the African Conservation Tillage Network under the Africa-Mechanize Platform Secretariat. He retired from the FAO in April 2011 where he had been working as the Director of the Rural Infrastructure and Agro-industries Division at its headquarters in Rome Italy from 2001-2011 with two years [2005-06] serving as the FAO Representative in Eastern and Southern Africa based in Harare, Zimbabwe. Prior to joining FAO in 2001, he had served as the first CEO of ASARECA [1995-2001]. During 2016/18 he served as a senior adviser to FAO and AUC on developing the Framework for Sustainable Agricultural Mechanization in Africa [SAMA].



ElHassane Bourarach is a technical advisor of the African Conservation Tillage Network serving in the Africa-Mechanize Platform Secretariat supporting knowledge management, capacity building and networking in operationalization of the Framework for Sustainable Agricultural Mechanization in Africa (F-SAMA). He is a former teacher and researcher at the Agronomic and Veterinary Institute Hassan II (Dr. Ing.) (1980-2019). He is honorary vice president of the International Commission of Rural Engineering (CIGR), founding member of the Moroccan Association for Conservation Agriculture (AMAC) and the International Academy of Agricultural and Biosystems Engineering (iAABE).