

Dr. Armara M. GALWAB, Ph.D.

Address: Majengo Estate, P.O. Box 384 60500 Marsabit, Kenya
Home Phone: +254 720 100 100 | **Mobile No.:** +254 727 949 707
E-mail Address: agawab@gmail.com
Nationality: Kenyan

Drylands and Pastoral Livelihoods, Food Security and Climate Change Specialist

Highlights of Expertise

- Climate change and pastoral livelihoods
- Dryland resource management expert
- Project & Team Management
- Training and Research
- Stakeholder Engagement
- Pastures and pastoralism

PERSONAL STATEMENT:

Dr. Galwab is an accomplished and results-oriented professional with success in advising on dryland resource management, climate change, and rural development. He is credited with a Ph.D. in Dryland resource management and a Master of Science in climate change from the University of Nairobi, Kenya, and a second Master of Science degree in Agriculture and rural development from Kenya Methodist University. Dr. Galwab possesses over 15 years of strong experience in rural development, climate change, pastoral livelihoods and dryland policies, planning, performance evaluation of projects in the field of food security and livelihoods, and capacity building. While working with World Vision, Millenium Water Alliance, Food for the Hungry, and the County Government of Marsabit, Dr. Galwab has immersed experience in methodologies and approaches to Peace Building and Conflict Transformation.

He is skilled in advising donors and government agencies on climate change adaptation/mitigation, food security and livelihoods, management of dryland resources, environmental, and social considerations in livestock development, and humanitarian projects in arid and semi-arid lands (ASALs). Dr. Galwab is an innovative thinker and a skilled communicator, adept at building relationships and collaborating with diverse stakeholders to achieve shared goals. He possesses a global perspective, experienced in working in the indigenous peoples' territories and social development sectors in Kenya, Ethiopia, Tanzania, and Uganda. Endowed with Knowledge management for effective organizational learning and enhanced Programming, Dr. Galwab has proactive networking skills with the ability to establish and maintain useful linkages with strategic partners.

EDUCATION AND TRAINING:

PhD, Dryland Resource Management

Sept. 2024

University of Nairobi, Faculty of Agriculture, Nairobi, Kenya.

Thesis/Dissertation:

Effects of Climate Variability on Livelihood Choices and gender roles among Pastoral and Agro-pastoral Communities in Marsabit County, Kenya

MSC, Climate Change Science.

Sept. 2017

University of Nairobi, School of Physical Sciences, Chiromo Campus, Nairobi, Kenya.

Thesis/Dissertation:

Assessing the Impact of climate change on food and Nutrition Security at the household level in Garba Tulla sub-county, Kenya

MSC, Agriculture, and Rural Development**July. 2013***Kenya Methodist University, Main Campus, Meru, Kenya***Research Thesis:***Effect of water harvesting techniques and spacing on cowpea (*vigna unguiculata* (l) walp) production in Marsabit Central, Kenya***B.Ed, Science (Biology & Agriculture)****Sept. 2010***Kenya Methodist University, Main Campus, Meru, Kenya***Dip. Agricultural Education and Extension****Nov. 2005***Egerton University, Njoro Campus, Nakuru, Kenya.*

PROFESSIONAL AND ON-JOB TRAINING AND RELEVANT SKILLS:

- Advanced certificate in Pastures and Pastoralism (GRASSROOT)
- Systematic Literature Review (SLR), ACSRM (KNUST)
- Supervision of Doctoral candidates (ITOCA)
- Introduction to Geospatial Information System (ISADS)
- Systematic Literature Review, Academic Writing & Reference Management
- Senior management course KSG, KENYA
- SPSS data analysis training UoN, KENYA
- Statistical Data Analysis using R programming, RUFORUM, Makerere University
- Application of e-station for processing and analysis of EO Data for monitoring natural resources and food Security
- Advanced Research Design, Policy-oriented Research and Survey Design Course - PASGR and IDS University of Sussex, Nairobi Kenya 2016
- Action research course – PASGR and IDS University of Sussex, Nairobi Kenya 2017
- Engendered social science Research course - PASGR and IDS University of Sussex, Nairobi Kenya 2018
- Disaster risk reduction and management training (CBDRR)

PROFESSIONAL AND WORK EXPERIENCE:

County Government of Marsabit.**Nov. 2022*****County Executive Committee Member – Department of Public Service and Administration***

Section 36 of the County Government Act, 2012 and Article 183 of the Constitution of Kenya, 2010 provides the functions of the County Executive Committee as follows:

- implement, within the county, national legislation to the extent that the legislation so requires.
- Manage and coordinate the functions of the county administration and its departments; and perform any other functions conferred on it by this Constitution or national legislation.
- Prepare proposed legislation for consideration by the county assembly.
- Provide the county assembly with full and regular reports on matters relating to the county.
- Supervise the administration and delivery of services in the county and all decentralized units and agencies in the county.
- Perform any other functions conferred on it by the Constitution or national legislation and carry out any function incidental to any of the assigned functions.

County Government of Marsabit**Dec. 2018*****County Programme Coordinator – Drought Resilient in Norther Kenya (DRPNK)***

To ensure timely and successful implementation of the programme, the coordinator is entrusted with the following duties and responsibilities

- ❖ Managed the day-to-day activities of DRPNK Project implementation.

- ❖ Provided general management and oversight of the project results and measures in accordance with the approved log frame and schedule.
- ❖ In charge of General process management of Procurement, contract, and financial management
- ❖ Financial and technical reporting and transmission of quarterly progress reports to NPCU
- ❖ Initiated detailed studies (to be tendered), e.g., ESIA for individual investment.
- ❖ Prepared ToR for design and supervision consultants and tender documents for construction.
- ❖ Supervised project personnel and sub-contractors (including short-term experts)
- ❖ Prepared, with support from the ISC, a baseline survey for each investment.
- ❖ Submitted Annual Investment Plans (AIP) to County Steering Committees (CSC) for approval.

County Government of Marsabit

January 2018

Director in charge of Research and Innovation - Governor's Delivery Unit

- Coordinated all aspects of specific strategic planning.
- Supported the development and tracking of project plans.
- Developed, tracked, and reported on key project metrics and reported them to the Governor
- Provided managerial guidance, and technical support to completed projects.
- Prepared program master schedule and performed critical path analysis.
- Monitored project budgets and schedules and oversee performance to ensure on-time, quality, and on-budget project execution.
- Prepared periodic reports for managers including the status of budgets, variance/change claims, schedules, disputes, upcoming activities, and safety records.
- Ensured effective management with county government departments, regional technical/sector representatives

Millennium Water Alliance, Marsabit, Kenya

Oct. 2015

Food security, Nutrition, and Livelihoods coordinator – K-RAPID

- ❖ Led the development and implementation of an innovative Food Security, Nutrition, and Livelihoods program, through community-based systems, addressing the needs of the most vulnerable members of society.
- ❖ Facilitated the county in the development of a detailed food security, nutrition, and livelihoods strategy that aligns with the county-integrated development plans.
- ❖ Formulated food security and livelihood-related guidelines, regulations, and plans for KENYA RAPID operations at the county level and ensured the program operated efficiently and effectively.
- ❖ Developed and implemented operational work plans in accordance with the budget, results framework, and administrative guidelines approved by the Program Steering Committee (PSC);
- ❖ Provided technical assistance in the areas of agricultural/livestock productivity, seed systems, agricultural/livestock value chains, land and water management, and trade/marketing of agricultural/livestock products.
- ❖ Strengthen program linkages and foster good working relations with civil society organizations, government representatives, private sector, and community-based organizations.
- ❖ Coordinated the adoption of new products and/or approaches in Food Security, Nutrition, and Livelihoods development and marketing

World Vision, Garba Tulla, Isiolo, Kenya

June 2013

Livestock Development and Marketing Coordinator – GAPLIP Project

- Trained community members on the various recommendations on the index-based livestock insurance practices for enhanced risk assessment and risk management by the pastoralist community targeted by Garba Tulla IPA in partnership with ILRI
- Supported the establishment of functional market system development, commercialization of livestock keeping, and increased uptake of saving by the pastoralist in GAPLIP in Garba Tulla

- Fostered and enhanced collaboration with partners involved in the IBLI implementation in GAPLIP such as Farm Concern International (FCI), ILRI, APA, and Government line ministries.
- Coordinated all livestock extension activities within the GAPLIP operation area.
- Executed activities as per GAPLIP detailed implementation plan timely and responsible.
- Supported baseline assessment on livestock insurance and its efficacy in Garba Tulla district.
- Ensured the perquisite donor and stakeholder reports were of the desired quality and timely.
- Organized and attended livestock-related stakeholder forums e.g meeting with ILRI, liaison with insurance agents, and liaison with the line ministries
- Documented all the lessons learned and best practices making necessary changes to implement them with the view of improving the quality of project interventions

ADDITIONAL EXPERIENCES:

World Vision, Garba Tula, Isiolo, Kenya

Aug. 2012

Food Security and Livelihood Project Officer – HOAPLI Project

Oversaw the implementation of Index-Based Livestock Insurance (IBLI), and Livelihood programme in Garba Tulla. Partnered with other donors to strengthen social protection policymaking and delivery capabilities by conducting various training programmes and driving collaborative research initiatives.

- Implemented livelihood, emergence, and recovery activities under HOAPLI projects that address farmers' food security problems.
- Conducted livelihood and food security assessments that helped in coming up with suitable food security concept papers or proposals.
- Represented World Vision in food security meetings, conferences, and workshops held in the districts.
- Coordinated food security and staff training by fostering local capacity building and adoption of best practices.
- Ensured that the relationships with research institutions, government ministries, and international and local organizations are maintained.
- Networked with government entities directly in food security project implementations.

Food for the Hungry, Marsabit, Kenya

June 2009

Livelihood and NRM project officer – Pastoral Livelihood Programme (PLP)

- Trained Community Base Animal Health Workers (CBAHW) in collaboration with the ministry of Livestock officers
- Formed and trained pastoral field schools (PFS) in Marsabit district
- Trained farmers and pastoralists on environmental conservation and rangelands improvement and management in Marsabit and Moyale district
- Formed and trained Livestock Marketing Management Committees (LMMC) and livestock marketing groups in partnership with SNV and MOL
- Trained environmental management committees (EMC) and school management committees (SMC) on environmental conservation in Marsabit and Moyale district
- Established and trained private tree nursery owners and planted 5000 tree seedlings in partnership with women groups
- Trained microfinance groups on business management skills in Marsabit district

Food for the Hungry, Marsabit, Kenya

January 2007

Extension officer - DAAP II Project

Managed major donor projects on livestock development, supporting drought management research and traditional institutions of rangeland governance.

- ❖ Trained farmers and NRM communities in Agriculture production and crop storage and utilization technologies
- ❖ Managed demonstration farms and soil and water conservation structures (SWEC) in Marsabit district
- ❖ Conducted field days for the contact and follow-up farmers.
- ❖ Acted as a Technical Resource Person in the field of natural resource management.

- ❖ Formed and trained contact farmers and follow up farmers on IPM (integrated pest management) and adoption of DTC's (drought-tolerant crops)

CONSULTANCIES AND SHORT-TERM ENGAGEMENTS:

Date from – _Date to Assignments

3 rd March – 17 th March 2021	Omo Delta Emergency Response Project end-time evaluation review in Marsabit county involving two partners (VSFG and CIFA) from 3 rd March to 17 th March 2021 (Independent consultant)
August – September 2020	Omo Delta Project (ODP) Mid-term evaluation review in Turkana and Marsabit County involving four partners (VSFG, MC-Kenya, Tupado, CIFA) under Ruge Goshen Enterprises Ltd from Aug. to Sept. 2020
February – March 2016	Feasibility study survey for K-RAPID in Marsabit county under Luggard Consultant from Feb. to Mar. 2016
Oct – Nov. 2022	GAPLIP end of the project evaluation in Isiolo for World Vision under LARTech Africa from Oct. to Nov. 2011

MEMBERSHIP OF PROFESSIONAL BODIES:

- Grassland and Rangeland Society of Kenya
- International Biometric Society, Kenya
- International Society for Development & Sustainability
- Environmental Institute of Kenya

PRESENTATIONS/PUBLICATION:

Articles in Journals (Peer-Reviewed)

- 2024 Armara Macimilliam Galwab, Oscar K. Koech, Oliver V. Wasonga, and Geoffrey Kironchi (2024) Gender-differentiated roles and perceptions on climate variability among pastoralist and agro-pastoralist communities in Marsabit, Kenya. *Nomadic Peoples*, <https://doi.org/10.3828/whpnp.63837646691043>
- 2023 Armara Macimilliam Galwab, oscar k. Koech, Oliver v. Wasonga, Godfrey Kironchi (2023) Assessment of temporal variability of temperature and precipitation trends in Kargi, Maikona, Dakabaricha and Sololo wards of Marsabit county, Kenya, Tropical and subtropical agroecosystems <http://doi.org/10.56369/tsaes.4810>
- 2023 Galwab, Armara Macimiliam and Koech, Oscar Kipchirchir and Wasonga, Oliver Vivian and Kironchi, Godfrey, (2023) Analysis of Spatio-Temporal Variability of Temperature and Precipitation Trends in Marsabit County, Kenya. Available at SSRN: <https://ssrn.com/abstract=4342319> or <http://dx.doi.org/10.2139/ssrn.4342319>

Other Publications

- 2017 Galwab, A. M., & Joseph M., P. I. (2017). Assessing the Impact of Climate Change on Food and Nutrition Security at the Household Level in Garba Tulla Sub-county. *International Journal of Climatic Studies*, 1(1), 1–23. <https://doi.org/10.47604/ijcs.428>
- 2017 Galwab, A. M., & Kamau, P. P. (2017). Effect of Water Harvesting Techniques on Grain Yield and Above-Ground Biomass of Cowpea. *International Journal of Agriculture*, 2(1), 58–76. Retrieved from <https://www.iprib.org/journals/index.php/IJA/article/view/429>
- 2017 Galwab, A. M., & Kamau, P. P. (2017). Effect of Spacing on Grain Yield and Above-Ground Biomass of

SKILLS/LANGUAGES/GEOGRAPHICAL EXPERIENCE:

Computer Skills: MS Office, SPSS, R Statistics

Languages: English (fluent); Rendille (mother tongue); Swahili (fluent); Samburu (fluent), Somali (basic)

Countries of Work Experience: Kenya, Ethiopia, Tanzania, and Uganda

REFERENCES:

Dr. Oscar Kipchirchir Koech

Senior Lecturer and Researcher, Faculty of Agriculture, University of Nairobi.

Phone No.: +254 724 513 044 | Email Address: oscarkip@uonbi.ac.ke

Prof. Vivian Oliver Wasonga

Associate Professor, Faculty of Agriculture, University of Nairobi.

Phone No.: +254 734 2587 765 | Email Address: oliverwasonga@uonbi.ac.ke

Dr. Achiba A. Gargule

Qualitative Research Co-lead & Research Coordinator, Tufts University, Nairobi- USAID Nawiri

Phone No.: +254 727 693 799 | Email Address: agargule@gmail.com