

Dr. SIBIKO, KENNETH WALUSE (Ph.D)
P.O. Box 2550, 50100 Kakamega, Kenya
+254-701 281 697
kenwaluse@gmail.com

PERSONAL INTERESTS AND SPECIALIZATION

- Applied agricultural economist - Areas of specialization include adoption and impacts of agricultural innovations, agricultural risk, crop insurance, agricultural finance, consumer preferences, project management and appraisal, environmental and natural resources management.
 - Experienced in data analysis with strong communication skills
 - A natural leader and a team player with high level of integrity
-

EDUCATIONAL BACKGROUND

- **October 2013- November 2016, Georg-August University of Goettingen, Germany**

PhD in Agricultural Economics

Topic of dissertation and brief overview: Economics of weather index-based insurance: Analysis of smallholder farmers' preferences and impact of insurance on productivity in Kenya.

- **August 2009- March 2012, Egerton University, Kenya/ University of Pretoria, South Africa**

Master of Science in Agricultural and Applied Economics, attained through the Collaborative Masters in Agricultural and Applied Economics (CMAAE) program for Eastern, Central, and Southern Africa.

Topic of thesis: An analysis of determinants of common bean productivity and efficiency: A case of smallholder farmers in Eastern Uganda.

- **August 2005- May 2009, Egerton University, Kenya**

Bachelor of Science in Agribusiness Management (Upper 2nd class Honors)

SCHOLARSHIP AWARDS

- June 2013-November 2016, Awarded a scholarship from the German Academic Exchange Program (DAAD) to undertake PhD studies in Germany.
-

WORK, RESEARCH AND PROFESSIONAL EXPERIENCE

Sept 2017 - to date Head of Agricultural Economics Department, Maseno University, Kenya

- Responsibilities: I provide leadership in attainment of departmental mandates. I oversee the development and review of academic curricular at the department. I help the university in selection and recruitment of academic staff. I assign responsibilities to staff within the department including teaching and supervision of postgraduate students. I give initial approval for payments from the departmental finance vote. I represent the department in meetings within and outside the university.
- Achievements: Successfully reviewed the BSc Agricultural Education & Extension curriculum approved by Commission for university education. I have revived postgraduate teaching in the department which had stagnated. I have improved the visibility of the department and facilitated partnerships with other universities such as University of Kwa-Zulu Natal (South Africa) and Weihenstephan-Triesdorf University of Applied Sciences (Germany).

Aug 2017- Feb 2019 Research Consultant, International Center for Tropical Agriculture (CIAT), Nairobi

- Responsibilities: Worked as an external consultant with Dr. Christine Chege. I cleaned consumer data that had been collected in Kenya and Uganda. I also analyzed the said data and wrote one manuscript for publication
- Achievements: I provided cleaned datasets for the two countries and STATA do-files for all the analyses that had been carried out. I also successfully published the manuscript in a high impact journal.

June 2017-Sept 2017 Department Timetabling & Examinations Coordinator, Maseno University

- Responsibilities: I prepared departmental teaching and examinations timetables. I was coordinating moderation and safe-keeping of examination papers. I was also the custodian of students' exam results.
- Achievements: I developed a database of exam marks in the department which made it easier to access archived marks and to deal with students' exam-related complaints.

May 2017-Dec 2017 Research Consultant, International Center for Research in Agroforestry (ICRAF), Nairobi

- Responsibilities: Worked as an external consultant with Dr. Brian Chiputwa and Dr. Jeanne Coulibaly. We jointly designed the survey questionnaire in ODK as well as choice experiment instruments for climate information services in Rwanda. I also facilitated enumerator training on administration of the choice experiment and carried pilot study for validation.

Mar 2017- to date Lecturer of Agricultural Economics, Maseno University

- Responsibilities: I teach undergraduate and postgraduate courses such as production economics, agricultural policy, resource economics, micro-economics, statistics, econometrics, agricultural finance, and entrepreneurship among others. I supervise many master and doctoral students in Maseno and Egerton Universities. I have been part of various research teams and participated actively in funded proposal writing.
- Achievements: I have mentored many undergraduate students and supervised at least four MSc students to completion.

Oct 2013-Nov 2016 Doctoral researcher, University of Goettingen, Germany

- Responsibilities: I was tasked to design a choice experiment and questionnaires, and to organize a survey with a sample of 400 farms in Embu County, Kenya. I did data analysis and wrote manuscripts for publication. I also assisted my professor in teaching and invigilation of examinations.
- Achievements: I published two articles in peer-reviewed journals and attended at-least one conference in Addis Ababa Ethiopia.

Oct 2012-June 2014 MSc Researcher/ intern, Agricultural Economic Research Consortium (AERC), Nairobi

- Responsibilities: Conducted an ex-ante analysis of farmer perceptions and demand for genetically modified cassava. I worked jointly with Haruna Sekabira and Dr John Lynam to design the conjoint analysis and ex-ante impact survey tools. We collaborated with NARO-Uganda and KALRO-Kenya to identify cassava varieties currently grown and to match scientific names with common names in the field. We conducted a survey of 450 farmers and traders in Eastern Uganda and Western Kenya.
- Achievements: We jointly published two manuscripts and a book chapter on ex-ante adoption and impact of transgenic cassava varieties in East Africa.

Jan 2012- May 2013 Part-time lecturer, Agribusiness Management, Egerton University, Kenya

- Responsibilities: As an MSc graduate I taught many causes including financial accounting, financial management, costing and accounting for projects, introduction to business, management, entrepreneurship among others

- Achievements: I acquired two years of early university teaching experience.

Nov 2011 Field Monitoring Assistant, UNOPS/World Food Programme, Nairobi, Kenya

- Responsibilities: I was hired for one a period of one month to carry out beneficiary screening and registration for WFP unconditional cash transfer program in Meru and Isiolo, Kenya. As one of the team leaders I was required to mobilize community meetings, organize my team to be there in time, to offer technical support to team members, and to ensure all data is uploaded to the organization’s server daily.

April 2011 Research Assistant, Syngenta Foundation for Sustainable Agriculture, Nairobi, Kenya

- Responsibilities: We collected baseline data for the *Kilimo Salama* crop insurance project. Specifically, we interviewed smallholder farmers on production risks in Laikipia East, Kenya. As a team leader I was responsible for paying team members and ensuring that fellow enumerators were fully engaged while in the field.

Jan 2011-May 2012 Resource Person, CIAT/ Pan-Africa Bean Research Alliance, Kampala Uganda

- Responsibilities: As an MSc researcher I conducted descriptive analysis of project data, documented bean baseline information from the “INSPIRE” project.
- Achievements: I attained an MSc thesis and helped the project in knowledge dissemination to stakeholders through posters papers.

June 2010-Aug 2010 Research Assistant, Innovations for poverty Action (IPA), Busia, Kenya

- Responsibilities: Worked in the LTIECD (Long-term impact of early childhood deworming) project. As a data collection clerk, we conducted interviews, cognitive tests, and took anthropometric measurements on young children (8-15 years) who had at a young age been incorporated in the early childhood deworming project.
- I also worked in the famous “Duflo-Kremer-Robinson fertilizer project”, where I helped in organizing community meetings, usually in primary schools, and took part in a survey of fertilizer use among participants of the meetings.

RESEARCH PUBLICATIONS

1. Gwada, R.O., Bett, H.K., **Sibiko, K.W.** (2021). Effect of integrated pest management technology on the livelihoods of small-scale maize producers. *Review of Agricultural and Applied Economics*, XXIV(1), 37-55.
2. **Sibiko, K. W.**, and Qaim, M. (2020). Weather index insurance, agricultural input use, and crop productivity in Kenya. *Food Security*, 12(1), 151-167.
3. Chege, C. G., **Sibiko, K. W.**, Wanyama, R., Jager, M., and Birachi, E. (2019). Are consumers at the base of the pyramid willing to pay for nutritious foods? *Food Policy*, 87, 101745.
4. Gwada, R.O., Bett, H.K., **Sibiko, K.W.** (2019). Factors influencing the extent of push-pull technology expansion among smallholder maize farmers in Homa bay, Kenya. *Journal of Economics and Sustainable Development*, 10(7), 72-84
5. Chepkwony, K., Bett, H., and **Sibiko, K. W.** (2019). Determinants of Table Banking Loan Utilization among Micro Agri-Enterprises Owners in Bomet County, Kenya. *International Journal of Current Aspects*, 3(II), 145-158.
6. Cherotich, J., Ayuya O.I., and **Sibiko, K.W.** (2019). Effects of financial knowledge on performance of women farm enterprises in Kenya. *Journal of Agribusiness in Developing and Emerging Economies*. 9(3): 294-311.
7. Mumba, J.M., Ayuya, O.I., **Sibiko, K.W.** (2019). A gendered analysis of perceived risks of commercial-oriented smallholder vegetable farmers in Kilifi County, Kenya. *Journal of Economics and Sustainable Development* 10(14): 159-166

8. Sekabira, H., Sebatta, C., **Sibiko, K. W.**, Bua, A., Taylor, N., and Fauquet, C. (2018). An Ex-Ante Economic Impact Assessment for Adoption of Varieties in Uganda and Kenya. *Advance in Nutrition and Food Science. ANAFS-101*.
9. **Sibiko, K.W.**, Veettil, P.C., and Qaim, M. (2018). Small farmers' preferences for weather index insurance: insights from Kenya. *Agriculture and Food Security* 7: 53.
10. Qaim, M. and **Sibiko, K.W.** (2017). Weather index insurance for smallholder farmers. *Rural* 21 04: 17.
11. Taylor, N. J., Sekabira, H. A., **Sibiko, K. W.**, Bua, A., and Lynam, J. K. (2015). Disease-resistant GM cassava in Uganda and Kenya during a pandemic. In Mitton, P., and Bennett, D. (Eds). *Analyses: Africa's Future...can biosciences contribute?* Cambridge: Banson/B4FA
12. Gido, O.E., **Sibiko, K.W.**, Ayuya, I.O. and Mwangi, J.K. (2015). Demand for agricultural extension services among small-scale maize farmers: A micro-level evidence from Kenya. *The Journal of Agricultural Education and Extension*. 14: 1-16. ISSN: 1389-224X (Print). ISSN: 1750-8622 (Online)
13. **Sibiko, K. W.**, Ayuya, O. I., Gido, E. O., Mwangi, J. K. (2013). An analysis of economic efficiency in bean production: evidence from Eastern Uganda. *J. Econ. Sustain. Dev*, 4, 1-9.
14. Eric, G. O., Lagat, J. K., Ithinji, G. K., Mutai, B. K., **Sibiko, K.W.**, & Joseph, M. K. (2013). Maize farmers perceptions towards organic soil management practices in Bungoma County, Kenya. *Research Journal of Environmental and Earth Sciences*, 5(2), 41-48.

CONFERENCE PRESENTATIONS

1. Paper title: Are consumers at the base of the pyramid willing to pay for nutritious foods? Evidence from Kenya and Uganda.
Oral presentation: International Association of Agricultural Economists (IAAE) 30th Conference, 28th July – 2nd August 2018, Vancouver, Canada.
2. Paper title: Small farmers' preferences for weather index insurance: Insights from Kenya.
Oral presentation: African Association of Agricultural Economists (AAAE) 5th Conference, 23rd -26th September 2016, Addis Ababa, Ethiopia. Theme: Transforming smallholder agriculture in Africa: The role of policy and governance
3. Paper title: Analysis of the determinants of productivity and technical efficiency among smallholder common bean farmers in Eastern Uganda.
Poster paper: International Association of Agricultural Economists (IAAE) 28th Triennial conferences, 18th - 24th August 2012, Foz do Iguaçu, Brazil. Theme: The global bio-economy.
4. Paper title: An analysis of economic efficiency in bean production: Evidence from Eastern Uganda.
Poster paper: Tropentag conference, 19th – 21st September 2012, Göttingen, Germany. Theme: Resilience of agricultural systems against crises.

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

- International Association of Agricultural Economists (IAAE)
- African Association of Agricultural Economists (AAAE)

REFEREES

1. Prof. Dr. Matin Qaim
Chair of Food and Nutrition Economics, Department of Agricultural Economics & Rural Development
– Georg-August University, Platz der Göttinger Sieben, 5, 37073 Göttingen, Germany
Tel: +49 551 39 4806; fax: +49 551 39 4823. Email: mqaim@uni-goettingen.de

2. Dr. Chrilukovian Wasike Bwire
Chair of Department, Animal Science, School of Agriculture and Food Security, Maseno University
P.O. Box Private Bag, Maseno, Kenya; Tel: +254-719 328 099, Email: wasikebwire@gmail.com