

CURRICULUM VITAE



1. PERSONAL PARTICULARS

- 1.1 **Name:** Prisila Andrea Mkenda
- 1.2 **Profession/ position:** Ecologist/ Lecturer
- 1.3 **Date of birth:** 03rd October, 1980
- 1.4 **Place of birth:** Rombo, Kilimanjaro
- 1.5 **Marital status:** Married
- 1.6 **Citizenship:** Tanzanian
- 1.7 **Institutional affiliation:** Sokoine University of Agriculture (SUA), Morogoro, Tanzania
- 1.8 Email: mayoprisca@sua.ac.tz/ mayoprisca@gmail.com

2. ACADEMIC QUALIFICATIONS

- 2.1 **PhD Sustainable Agriculture, Biodiversity and Ecosystems Management:** Nelson Mandela African Institution of Science and Technology, Arusha, Tanzania (2016 to 2020).
- 2.2 **Msc in Biodiversity and Ecosystems Management:** Nelson Mandela African Institution of Science and Technology, Arusha, Tanzania (2012 to 2014).
- 2.3 **BSc Education (Chemistry and Biology):** University of Dar es Salaam (2004 to 2008)

3. EMPLOYMENT RECORD

- 3.1 **Lecturer;** Sokoine University of Agriculture (September 2020 to date)
- 3.2 **Assistant Lecturer;** Sokoine University of Agriculture (July 2013 to August 2020)
- 3.3 **Tutorial Assistant;** Sokoine University of Agriculture (September 2011 to June 2013)
- 3.4 **Teacher;** Agape Lutheran Junior Seminary (August 2008 to March 2010)

4. SEMINARS/WORKSHOPS/CONFERENCES ATTENDED/ PARTICIPATED

- 4.1 Presented in the second SUA scientific conference about 'Research and technological innovations towards transformation of lower middle income countries' held on 25th and 26th May, 2021
- 4.2 An online international seminar about 'Push pull technology' on 28th April, 2021. Presenter: Charles Midega from Kenya

- 4.3 An online international seminar about ‘Ecosystem services and ecological engineering’ on 23rd March, 2021. Presenter: Prof Geoff Gurr from Charles Sturt University, Australia
- 4.4 An online international seminar about ‘Management of Fall Armyworm’ on 14th December, 2020. Presenter: Vincent Wandera from FIPS Kenya
- 4.5 An online international seminar about ‘Conservation biological control’ on 19th November, 2020. Presenter: Dr. Prisila A. Mkenda from Sokoine University of Agriculture, Tanzania
- 4.6 An Interdisciplinary International Conference on the use, regulation and health effects of agrochemicals in Sub-Saharan countries held at Tanzania Pesticide Research Institute (TPRI) from May 28th – 31st 2019.
- 4.7 Southern Africa COP Meeting held in Arusha, Tanzania from October 8th – 11th 2018.
- 4.8 Training on agro ecology and ecosystem service assessment techniques at Charles Sturt University (CSU) Australia from 30th October 2017 to 28th February, 2018
- 4.9 Advanced Science Training on Research Methodology and Academic Career Development at the African Doctoral Academy (ADA) Winter School at the Stellenbosch University, Cape Town, South Africa from June 26 – July 7, 2017.
- 4.10 Presented in XXV International Congress of Entomology (ICE 2016), September 25 - 30, 2016 Orlando, Florida, USA.
- 4.11 Research Methods Workshop organised by East and Horn of Africa and the Southern Africa Community of Practice of the Collaborative Crop Research Program (CCRP) on 15th - 19th August 2016 in Dar as salaam, Tanzania.
- 4.12 GIS training workshop held at Nelson Mandela African Institution of Science and Technology on 23-27 May, 2016.
- 4.13 First Science Forum in South Africa with a theme ‘Igniting Conversations about Science’ on 8-9 December, 2015.
- 4.14 Research proposal writing course on February 1-7, 2015 Nairobi, Kenya.
- 4.15 Training on leadership skills on August 4-8, 2014 Kampala, Uganda.
- 4.16 Mentoring orientation workshop on February 17-21, 2014 Nairobi, Kenya
- 4.17 Gender Sensitization workshop on September, 2012, Morogoro Tanzania

5. MEMBERSHIPS

5.1 Membership in Professional Organisations/Associations:

5.1.1 A member, Sokoine University of Agriculture Academic Staff Association (SUASA),
2011 to date.

5.1.2 Member in the International association for the Plant Protection Sciences since 2014 to
date

5.1 3 African Women in Agricultural research and Development (AWARD) fellow alumni
since 2015 to date

5.1.4 Co-founder of Tanzania African Women in Agricultural Research and Development
(TanzAWARD) since 2016 to date

5.2. Membership in Task Forces/Committees/Boards:

A member in the College Academic Committee (CAC) at the College of Natural and
Applied Sciences (CoNAS)

6. DUTIES AND RESPONSIBILITIES

6.1 Lecturer in Biosciences Department

6.2 Conducting and supervision of research

6.3 Guidance and consultancy

7. OTHER RESPONSIBILITIES

Invited as a Journal reviewer and reviewed the manuscripts submitted in different
Journals as it can be seen in this link;

<https://publons.com/dashboard/records/review/>

8. PUBLICATIONS

8.1 Published materials

8.1.1 Arnold, S. E., Elisante, F., **Mkenda, P. A.**, Tembo, Y. L., Ndakidemi, P. A., Gurr, G. M., Darbyshire I. A., Belmain S. R. & Stevenson, P. C. (2021). Beneficial insects are associated with botanically rich margins with trees on small farms. *Scientific reports*, 11(1), 1-11.

8.1.2 **Mkenda, P. A.**, Ndakidemi, P. A., Stevenson, P. C., Arnold S. E. J., Darbyshire, I., Belmain, S. R., Priebe, J., Johnson, A. C., Tumbo, J. and Gurr, G. M. (2020). Knowledge gaps among smallholder farmers hinder adoption of conservation biological control. *Biocontrol Science and Technology*. <https://doi.org/10.1080/09583157.2019.1707169>

8.1.3 **Mkenda, P. A.**, Ndakidemi, P. A., Stevenson, P. C., Arnold S. E. J., Belmain, S. R., Chidege, M. and Gurr, G. M. (2019). Field Margin Vegetation in Tropical

African Bean Systems Harbours Diverse Natural Enemies for Biological Pest Control in Adjacent Crops. *Sustainability*, 11: 6399

- 8.1.4 Mkenda, P. A.,** Ndakidemi, P. A., Mbega, E., Stevenson, P. C., Arnold S. E. J., Gurr, G. M. and Belmain, S. R. (2019). Multiple ecosystem services from field margin vegetation for ecological sustainability in agriculture: Scientific evidence and knowledge gaps. *PeerJ PeerJ* 7:e8091
- 8.1.5 Mkenda, P. A.,** Pandey, S., Johnson, A. C., and Gurr, G. M. (2019). Advances in conservation biological control and habitat management for IPM. In *Integrated management of insect pests: Current and future developments. Edited by (Kogan, M. and Heinrichs, E. A.),* Burleigh Dodds Science Publishing, Cambridge, UK.
- 8.1.6 Mkenda, P. A.,** Ndakidemi, P. A., Stevenson, P. C., Arnold, S. E., Belmain, S. R., Chidege, M., ... & Woolley, V. C. (2019). Characterization of Hymenopteran Parasitoids of *Aphis fabae* in an African Smallholder Bean Farming System through Sequencing of COI ‘Mini-Barcodes’. *Insects*, 10(10), 331.
- 8.1.7 Chancellor, T. C.,** Priebe, J. S., and **Mkenda, P. A.** (2019). Crowdsourcing field observations from smallholder farmers in Tanzania using interactive voice response. *Outlooks on Pest Management*, 30(3), 104-110.
- 8.1.8 Tembo, Y., Mkindi A. G., Mkenda, P. A.,** Mpumi, N., Mwanauta, R., Stevenson, P. C., Ndakidemi, P. A. and Belmain S. R. (2018). Pesticidal plant extracts improve yield and reduce insect pests on legume crops without harming beneficial arthropods. *Frontiers in Plant Science*, 9.
- 8.1.9 Mkenda P,** Ndakidemi P and Mbega E (2017). Accessibility of agricultural knowledge and information by rural farmers in Tanzania- A review. *Journal of Biodiversity and Environmental Sciences (JBES)*. Vol. 11, No. 5, p. 216-228.
- 8.1.10 Mkenda P,** Ndakidemi P and Mbega E (2017). Potentials and challenges of natural Pest control for sustainable legume production in Africa. *International Journal of Biosciences* Vol 10, No. 3, p 357-373.
- 8.1.11 Mkenda, P.,** Mwanauta, R., Stevenson, P.C and Ndakidemi, P., Mtei K, and Belmain S.R (2015). “Extracts from Field Margin Weeds Provide Economically Viable and Environmentally Benign Pest Control Compared to Synthetic Pesticides.” *PLoS ONE* 10 (11): e0143530. doi:10.1371/journal.pone.0143530.
- 8.1.12 Mkenda, P.,** Stevenson, P.C., Ndakidemi P., Farman D.I and Belmain S.R. (2015). Contact and fumigant toxicity of five pesticidal plants against *Callosobruchus*

maculatus in stored cowpea (*Vigna unguiculata*) (2015). *International Journal of Tropical Insect Science* Vol. 35, No. 4, pp. 172–184.

8.1.13 Mkenda P., Mtei K. and Ndakidemi P. (2014). Pesticidal efficacy of *Tephrosia vogelii* and *Tithonia diversifolia* against field insect pests of common beans within African farming communities *African Journal of Applied Agricultural Sciences and Technologies [ONLINE]* 2 (1):9-26.

8.1.14 Mkenda, P., and Ndakidemi P. (2014). Pesticidal Efficacy of Four Botanical Pesticides on Survival, Oviposition and Progeny Development of Bruchid, *Callosobruchus maculatus* in Stored Cowpea, *Vigna unguiculata*. *International Journal of Plant & Soil Science* 3 (12): 1504-1523.

8.2 Manuscripts submitted for publication

8.2.1 Identifying the right plants for diverse biocontrol agents in tropical smallholder bean farming

I, Prisila A. Mkenda, hereby certify that the information provided above correctly describe my personal and professional qualifications.

Signature: 

Date: 26th Mach, 2022