

**CURRICULAM VITAE FOR *ELMENS LUTALEKA KABONI*,
DECEMBER, 2021 - TARI UKIRIGURU**

- 1. Full name:** Elmens Lutaleka Kaboni
- 2. Date and place of birth:** 09/12/1963; Katunga sub-village, Mugongo village, Ruzinga, Bukoba Rural (currently Missenyi District), Kagera region
- 3. Nationality:** Tanzanian
- 4. Sex:** Male
- 5. Marital status:** Married
- 6. Proficiency in language:** English (good) and Kiswahili (excellent)
- 7. Present employer:** Tanzania Agricultural Research Institute (TARI)
- 8. Department/Centre/Section:** Research and Innovation/ Ukiriguru/NRM & Engineering
- 9. Work station:** TARI – Ukiriguru, Misungwi District, Mwanza Region – Lake Zone of Tanzania.
- 10. Contact address:** TARI - Ukiriguru
P.O. Box 1433, Mwanza, Tanzania
E-mail (Official): cdukiriguru@tari.go.tz;
E-mail (Personal): elkaboni@gmail.com
Tel: +255 735 983 104 and Fax: 255 735 983 106 (Official);
Mobile phone (Personal): [+255 754 850 675](tel:+255754850675), [+255 752 006 050](tel:+255752006050)
- 11. Date of First appointment:** 12th December, 1991.
- 12. Date of confirmation:** 2nd December 1993.
- 13. Previous designation and salary scale (before 1st November 2021):** Principal Agricultural Research Officer I (PARO I); TGRS/E/3.
- 14. Present designation and salary scale from 1st November 2021 to date:** Senior Agricultural Research Officer I (SARO I); PRSS/5/3.
- 15. Date of appointment to present grade/Designation:** 1st November, 2021.
- 16. Previous personal file number:** *KI/PF. 39445*.
- 17. Present/current personal file number:** *TARI/WPF.179*
- 18. Personal check number:** 9146002



19. Key qualifications in summary:

Experience in land resources assessments and mapping for various land uses e.g. soil fertility improvement; irrigation; crop suitability; land use planning for sustainable agricultural production and various agricultural and livestock land uses; Geographical Information System (GIS) and Remote Sensing (RS) application in Natural Resources Management (NRM); Database design and Management for decision making on NRM; good computer skills (word processing, Excel, Access, Arcview, ArcGIS, Idris, etc); substantial experience working with farmers and extension officers in the areas of Integrated Soil Fertility Management (ISFM) and Integrated Plant Nutrients Management (IPNM) for soil productivity and crop yield improvement in the Lake Zone of Tanzania, and working with multidisciplinary team; participatory approaches to technology development and transfer; communication skills both oral and written; preparation and production of extension and training materials for technology dissemination; training of farmers, extension officers and various students on

issues related to soils and land management in general for sustainable agricultural production and environmental conservation.

20. Education and professional training background:

- 1996 - M.Sc. Soils and Land Management, Sokoine University of Agriculture (SUA), Morogoro, Tanzania.
- 1991 - B.Sc. Agriculture (Soil Science option), SUA, Morogoro, Tanzania.
- 1987 - Advanced level of Secondary education, Tosamaganga High Secondary School, Iringa Tanzania.
- 1984 - Ordinary level of secondary education, Tarime Secondary School, Tarime, Tanzania.
- 1980 - Primary education, Abainano Primary School, Tarime - Tanzania.

21. Selected key short courses training attended:

- The Zonal short course training on strengthening capacity of Agricultural Sector to adapt to climate change impacts in Africa, organized by the Institute of Resource Assessment (IRA) of the University of Dar es Salaam, held at Glonency Hotel, nane - nane area in Morogoro Municipal, Tanzania from 5th to 8th 2012.
- The sub-regional training workshop on the Land Use Systems mapping by using GIS tools (raster data) for Trans-boundary Agro-ecosystem Management Programme for the Kagera River Basin (Kagera TAMP), funded by the Global Environmental Facility (GEF) and implemented by FAO; at Butare University, Butare (Huye) district, Rwanda country. As preparations of implementation of Kagera TAMP in 4 Districts of Tanzania (Bukoba, Karagwe, Ngora and Misisyi).
- Geographical Information System (GIS) and Remote Sensing (RS) applications for professional skills improvement in land and water management, 17th February to 2nd to March 2008: by Mazingira consultants, Malkerns, held at Matsapa Town Swaziland.
- Information Technologies (IT) System Techniques for Agriculture, mainly: database design and management, 20th January to 21 April 2007, at Obihiro International Centre, Japan.
- GIS (ArcGIS software) and RS (ILWIS software) application in Food Security, 5th July to 5th August 2006, at the University College of Land and Architectural studies (UCLAS) - University of Dar Es Salaam, Tanzania.
- Diagnostic and Experimental phases of the National Training Course on Farming Systems Approach organized by the Division of Research and Development (DRD) in collaboration with the Client Oriented Research Management Approach Programme, held on 10th to 20th December, 2002 at Uhuru Lutheran Hall, Moshi Tanzania.
- Management of Natural Resources for Sustainable agriculture, 10 March to 31 May 2002, at the Institute of Continuing Education (ICE), SUA, Morogoro – Tanzania.
- Developing and writing Grant winning proposals Training workshop 24 – 28 June 2002 at Lake Zone Agricultural Research and Development Institute (LZARDI) Ukiriguru, Mwanza Tanzania.
- Training of trainers' course on soil productivity improvement using Farmer Field School approach in Bukoba District, Tanzania, 5th to 15th August 2002, ARDI Maruku Bukoba, Tanzania.
- Management of Information System (MIS) for Agricultural Research Management, 2-13 October, 2000. At the Institute of Financial Management (IFM), DSM – Tanzania.

- GIS (Arcview software) and RS (IDRIS software) application in soil resources management, 8th March to 8th April 2002, at University Collage of Land and Architectural studies (UCLAS), University of Dar Es Salaam, Tanzania.
- Participatory Rural Appraisal (PRA), 6 – 14 July 1998. At TANESCO Training Institute, Morogoro – Tanzania.

22. Some of Workshops, Conferences, Symposium and Seminar attended:

I have attended various workshops mainly organized to address: Sweet Potato Commercialization in Drier Areas, Potassium (K), Agro-forest for climate change and industrial revolutions; Lake Victoria Basin Environmental Management; Striga weed survey and mapping; Integrated Soil Fertility Management (ISFM), Integrated Plant Nutrients Management (IPNM), Integrated Land Use (ILU), Farmers' Field School (FFS) Approach, Geographical Information System (GIS), Remote Sensing (RS) and others for sustainable crop production, land and environmental conservation.

23. Work experience in brief (dates and posts held):

I: From 25th June 2018 to date: Soil Scientist at Tanzania Agricultural Research Institute (TARI)

Ukiriguru (TARI, Ministry of Agriculture) with the following experiences:

- Senior Agricultural Research Officer I (SARO I); with experiences in: land resources assessment and mapping (soil survey and land evaluation) for various land uses; Geographical Information System (GIS) and Remote Sensing (RS) application for various land use.
- Soils, land use, crop suitability and other maps preparation and production;
- Participation in ground truthing of potential field sites for push-pull technology in Mara region.
- Participation in group/multidisciplinary research team work e.g. cotton *Fusarium* wilt disease survey and mapping in Uyui and Urambo districts (Tabora region); Iramba, Mkalama and Ikungi districts (Singida region); Kakonko, Kibondo, Kasulu and Uvinza districts (Kigoma region).
- Training of farmers and extension officers on Integrated soil fertility management and plant nutrients management for soil productivity and crop yield improvement;
- Training of field practical students from Ministry of Agriculture Training Institute (MATI) and Universities (e.g. SUA) on soils and land management, and GIS;
- Preparation of training material on soils and land management to farmers (leaflets, posters and training modules);
- Participation in Nane – Nane Agricultural shows in the Lake Zone;
- In-charge of Land Resources Assessment, Mapping and GIS sub-section in the Natural Resources Management and Agricultural Engineering Section.

II. From January, 1999 to 24th June, 2018: Soil Scientist at ARI Ukiriguru (Lake Zone) (DRD - Ministry of Agriculture) with the following experiences:

- November, 2009 to 31st October 2011: Principal Agricultural Research Officer I (PARO I); September, 2006 - Principal Agricultural Research Officer II (PARO II), with experiences in: land resources assessment and mapping (soil survey and land evaluation) for various land uses; mapping of cotton *Fusarium* wilt disease for proper cotton seeds multiplication, mapping of *Striga hermonthica* problem; GIS and RS application for various land use; Soils, land use, crop suitability, cotton diseases and other maps preparation and production; Fertilizers experimentations in maize; training of farmers and extension officers on Integrated soil fertility

management and plant nutrients management for soil productivity and crop yield improvement; training of field practical students from Training Institutes and Universities on soils and land management, and GIS; preparation of training material on soils and land management to farmers (leaflets, posters and training modules); participation in group/multidisciplinary research team work e.g. Cotton diseases survey and mapping; participation in Nane – Nane Agricultural and other shows in the Lake Zone; periodically acting Head of Natural Resources Management/Special Program and other Programs (Socio – Economics/FSA, Livestock and Crops); In-charge of Land Resources Assessment, Mapping and GIS section.

- From 1st June, 2005 to 31st August, 2006: Senior Agricultural Research Officer (SARO), with experiences in: land resources assessment and mapping for sustainable Agricultural production and land management by using GIS and RS technologies; Soils, land use and crop suitability maps preparation and production; farmers’ and extension officers training on Integrated Soil Fertility Management (ISFM) and participatory village land use planning for soil productivity and crop yield improvement; training of field practical students from Ministry of Agriculture Training Institutes (MATI) and Universities (e.g. SUA, SAUT, Ardhi, Mwenje and USDM); periodically Acting Head of Natural Resources Management/Special Program and other Programs (Socio – Economics/FSA, Livestock and Crops); participation in group/multi-disciplinary research team work; participation in Nane – Nane Agricultural and other shows in the Lake Zone; In-charge of Land Resources Assessment, Mapping and GIS section.
- From 1st July, 2001 to 31st May 2005: Agricultural Research Officer I (ARO I), with experiences in: land resources assessment and mapping for sustainable Agricultural production and land management; fertilizers experimentations in ISFM and IPNM program; farmers’ and extension staff training on Integrated soil fertility management for soil productivity and crop yield improvement; training of field practical students from Ministry of Agriculture Training Institutes (MATI) and Universities; periodically Acting Head of Natural Resources Management/Special Program and other Programs (Socio – Economics/FSA, Livestock and Crops); In-charge of Land Resources Assessment, Mapping and GIS section at ARI – Ukiriguru; Soils, land suitability and land use maps preparation and production; supervision of examinations for students at MATI Ukiriguru, as external invigilator; participation in group/multi-disciplinary research team work e.g. Farmers Research Groups (FRGs); participation in Nane – Nane Agricultural shows, Farmers’ field days and other shows in the Lake Zone.
- From January, 1999 to 30th June 2001: Agricultural Research Officer II (ARO II), with experiences in: land resources assessment and mapping for sustainable Agricultural production and land management; Soils, land use and crop suitability maps preparation and production; participation in group/multi-disciplinary research team work e.g. Farmers Research Groups (FRGs); participation in Nane – Nane Agricultural shows, Farmers’ field days and other shows in the Lake Zone.

III: From December, 1991 to December, 1999: Soil Scientist at ARI - Mlingano, Muheza - Tanga, (Eastern Zone) (DRD - Ministry of Agriculture), with the following summary experiences:

- From January, 1996 to December, 1998: Agricultural Research Officer II (ARO II), with experiences in: land resources assessments and mapping (soil survey & land evaluation) for various agricultural land uses; manual GIS for soil resources and land use mapping; Soils, land use and crop suitability maps preparation and production; training of field practical students

from SUA on Soil survey and land evaluation; periodically acting head of Land Resources Inventory and Survey Section.

- From December, 1991 to December, 1995: Agricultural Research Officer III (ARO III), with experiences in: land resources assessments for various agricultural land uses, manual GIS for soil resources and land use mapping; Soils map preparation and production;. Training of field practical students from SUA on Soil survey and Land evaluation related activities/ practical.

24. Collaborative research projects undertaken

- Cotton *Fusarium* wilt disease survey and mapping for selection of suitable areas for cotton seed multiplication in the Lake, Western and Central Zones of Tanzania.
- Land Evaluation for Sustainable Crop and Livestock Production and Environmental Conservation in Seven Villages of Ngora District, Kagera Region, Tanzania for Kabanga Nickel Company Limited, Kabanga Ngora District.
- Experimentation of ISFM technology options in Ukerewe district, Mwanza region.
- Participatory assessment of current soil fertility status of major agricultural soils in Biharamulo District, Kagera region, Tanzania for sustainable Agricultural production and land management.
- Striga survey and mapping in Lake, Western and Central zones of Tanzania.
- PRA in Ukerewe District, Mwanza Region, Lake Zone for various agricultural technologies development and transfer.
- Integrated Soil Fertility Management (ISFM) and Integrated Plant Nutrients Management (IPNM) for land productivity and crop yield improvement in the Lake zone of Tanzania.
- Agro-forestry technologies for soil fertility management, environmental conservation, fuel wood and other benefits for rural small scale farmers.
- Soil fertility assessment in the Agro-forestry farmers field in Serengeti District, Mara region.

25. Selected Publications/Technical Scientific reports:

- Kaboni, E.L. na C.J. Maganga (2021). Uchunguzi wa Afya ya Udongo kwa Ajili ya Kilimo cha nyasi na mazao mengine shambani mwa Mwema M. Samo, Kijijini Buswahili, wilayani Butiama, Mkoa wa Mara Mara. TARI Ukiriguru, Mwanza (Under finalization).
- Kaboni, E.L., C.J. Maganga and J. S. Joachim (2021). Land Suitability Evaluation for Sustainable Agricultural Production at Maharage Asilia Company Ltd's farm, Nyamtengela village, Ushetu Council, Kahama District, Tanzania. *Technical Report prepared for Maharage Asilia Co. Ltd* (under finalization).
- Kaboni, E.L., C.J. Maganga na J.S. Tlatlaa (2021). Uchunguzi wa Afya ya Udongo kwa Ajili ya Kilimo Endelevu Katika Shamba la Buhalahala, Mji wa Geita, Mkoa wa Geita. Taarifa ya Mwisho ("Final Technical Report"). TARI Ukiriguru, Mwanza.
- Kaboni, E.L. and C.J. Maganga (2021). Land Suitability Assessment for Sustainable Agricultural Production and Land Management at Capital Estate Cares Ltd, Rusenga village, Biharamulo District, Kagera Region, Tanzania. Final Technical Report Prepared for Capital Estate Cares Ltd. TARI - Ukiriguru, Mwanza.
- Kaboni, E.L. and C.J. Maganga (2020). Land Suitability Evaluation for Sustainable Agricultural Production and Environmental Conservation at Chato Farm, Mbuye village, Chato District, Geita Region, Tanzania. TARI Headquarter, Dodoma
- Kaboni, E.L. na H. S. Msuya (2020). Tathimini ya Afya ya Udongo kwa Ajili ya Kilimo Endelevu na Utunzaji wa Mazingira Katika Shamba la Rwamkoma JKT, Wilaya ya

- Butiama, Mkoa wa Mara. TARI Ukiriguru, Mwanza.
- Kaboni E.L.¹, C.J.¹ Maganga and I.² Safari (September, 2020). Land Suitability Status for Sustainable Irrigated Agriculture at Bwisya Valley, Bwisya Village, Ukara Division, Ukerewe District, Mwanza - Tanzania. Saint Augustine University of Tanzania (SAUT). TARI Ukiriguru, Mwanza.
- Kaboni, E.L. and H.S. Msuya (June, 2019). Land Suitability Assessment for Sustainable Agricultural Production and Land Management at Saria Farm, Buzilasoga Village, Sengerema District, Mwanza - Tanzania. TARI Ukiriguru, Mwanza.
- Kaboni, E.L. and C.J. Maganga (December, 2019). Land Suitability for Sustainable Agricultural Production and Land Management at Beluma Farm, Nyabehu Village, Bunda District, Mara Region – Tanzania. Final Technical Report. TARI Ukiriguru, Mwanza.
- Kaboni, E.L.³, J.Halfner², J.M. Mauma¹, M.B. Maruka¹, A.L. Paschal¹, M. Kanyangemu², O.R. Daudi³ and C.B. Hemed¹ (November, 2018). Soils' Fertility Evaluation for Agro-forestry Programme and Environmental Conservation at Kenyamonta and Wagate Villages, Serengeti District, Mara Region. Serengeti District Council. GIZ Project, Serengeti District Council. TARI Ukiriguru, Mwanza.
- Kaboni, E.L. and O.R. Daudi (September, 2018). Land Evaluation for Sustainable Agricultural Production and Environmental Conservation at Village of Hope's Farm, Bulale Village, Nyamagana District, Mwanza. Village of Hope, Mwanza. TARI Ukiriguru, Mwanza
- Mtiba A. (Dr.), A. J. Ngura, E.L. Kaboni and I. Kankutebe (2021). Cotton *Fusarium* wilt Disease Status in the Pilot villages of Igunga District and Suitability of the District for Cotton Seeds Multiplication. TARI Ukiriguru and TOSCI Lake Zone.
- Mtiba, A (Dr), M.H. Ngangambe, E.L. Kaboni, J. Ruzzo P. Mashaka, S.A Mariki and P.S Saidia (Dr) (2021). Cotton *Fusarium* wilt Disease Status in Mwabusalu Ward, Meatu District, Simiyu Region and Ward Suitability for Cotton Seed Multiplication. TARI Ukiriguru, Mwanza.
- Ruzzo J., P. Kibinza, P.S. Saidia(Dr), E.L. Kaboni, S. Waya and R. Ntulo (2021). Status of Cotton *Fusarium* wilt Disease Infection in Katavi Region and Suitability of the Region for Multiplication of Cotton Seeds. Final Report. TARI Ukiriguru, Mwanza.
- Ruzzo J., A. M. Mtiba (Dr), H. Malagila, E.L. Kaboni, R.M. Chizinga and F.M. Magai (2021). Cotton *Fusarium* wilt Disease Status in Ikungi and Mkalama Districts, and Their Suitability for Cotton Seeds Multiplication. TARI Ukiriguru, Mwanza.
- Kibinza, P., J. Ruzzo, E.L. Kaboni, S.Chirimi, S.K. Mayunga, B. Mkalawa, J.S. Chelele, M. Chisumo and I. Adam (April, 2019). Cotton *Fusarium* wilt Disease Status in the Surveyed Districts of Kigoma Region and Districts Suitability for Cotton Seeds Multiplication. TARI Ukiriguru, Mwanza
- Chirimi, S., P. Kibinza, J. Ruzzo, E.L. Kaboni, R.M. Kaduma, H.S. Shariph, and D. Tilia (April, 2018 a). Cotton *Fusarium* wilt Disease Status in Kakonko and Kibondo Districts, Kigoma Region, and Districts Suitability for Cotton Seeds Multiplication. TARI Ukiriguru, Mwanza.
- Chirimi, S., P. Kibinza, J. Ruzzo, E.L. Kaboni, R.M. Kaduma, E. Duche, H.S. Shariph, D. Tilia, M.M. Kengele, S.Kiungai and T.L. Nyaki (April, 2018 b). Cotton *Fusarium* wilt Disease Status in Iramba, Kkakonko, Kibondo, Urambo and Uyui Districts, Tanzania. TARI Ukiriguru, Mwanza.
- Kaboni, E.L., R.M. Kaduma, M.M. Wambura, I.S. Mohamed and E. John (2017). Land Suitability Evaluation for Raifed and Irrigated Agriculture at Muhororo Valley, Makurugusi Village, Chato District, Geita Region, Tanzania. Agricultural Research Institute (ARI) Ukiriguru, Mwanza.
- Kaboni, E.L., R.M. Kaduma, H.S. Msuya, J. Shalale and F.E. Buholelaah (2017). Soils Conditions and

- Their Potential for Rain fed and Irrigated Agriculture at Mwamanyili Valley, Busega District, Simiyu Region, Tanzania. Agricultural Research Institute (ARI) Ukiriguru, Mwanza.
- Sayi, D¹., P. Kulaya², E.L. Kaboni³, Capt K.S. Mbelenje⁴, C. Patrick⁵ and T. George⁵ (October, 2017). Exploratory Visit for the Assessment of Land Suitability for Cotton Production at Musange JKT, Tabora Region – Tanzania. ARI Ukiriguru, Mwanza. Tanzania Gatsby Trust/Africa (TGT/GA) – Mwanza, Tanzania. Tanzania Cotton Board (TCB) – Mwanza, Tanzania. ARI/LZARDI Ukiriguru – Misungwi – Mwanza, Tanzania. SUMA JKT Headquarter – Dar es Salaam, Tanzania. Africa Grant Advisors (ACA) Unit
- Bagarama F.M. and E.L. Kaboni (2015). Potassium Status in the Major Agricultural Soils of Lake and Western Zones of Tanzania and Its Roles in Sustainable Crop Production and Food Security. A Paper Presented at the First National Potassium Symposium, Protea Hotel Dar es Salaam, Tanzania – 28th 29th July 2015. In Potassium Proceedings, ARI Mlingano – Mheza Tanga – Tanzania.
- Kaboni, E.L., P.S. Busumabu na C. Tibihenda (Agositi 2014). Tathimini ya Rutuba ya Udongo Katika Wilaya za Musoma Vijiji na Butiama kwa Ajili ya Kilimo Endelevu na Hifadhi ya Mazingira. ARI - Ukiriguru, Mwanza. Halmashauri ya wilaya ya Musoma. Halmashauri ya wilaya ya Butiama.
- Chirimi, S., P. Kibinza, E.L. Kaboni, J. A. Ngura and F.S. Mabagala (June 2016 a). Cotton *Fusarium* wilt Disease Status in Itilima District Council, Simiyu Region, Tanzania and District Suitability for Cotton Seed Multiplication. ARI – Ukiriguru – Mwanza, Tanzania. Tanzania Gatsby Trust (TGT).
- Chirimi, S., P. Kibinza, E.L. Kaboni, J. A. Ngura and F.F. Waitare (June 2016b). Cotton *Fusarium* wilt Disease Status in Butiama District Council, Mara Region, Tanzania and District Suitability for Cotton Seeds Multiplication. ARI – Ukiriguru – Mwanza, Tanzania. Tanzania Gatsby Trust (TGT).
- Chirimi, S., P. Kibinza, R. Kaduma, E.L. Kaboni, J. A. Ngura and H.D. Mshana (2016 c). Cotton *Fusarium* wilt Disease Status in Meatu District Council, Simiyu Region, Tanzania and District Suitability for Cotton Seeds Multiplication. ARI – Ukiriguru – Mwanza, Tanzania. Tanzania Gatsby Trust (TGT).
- Chirimi, S., P. Kibinza, E.L. Kaboni and A. Mgunya (May, 2015a). Cotton *Fusarium* wilt Disease Status in Igunga District, Tabora Region and District Suitability for Cotton Seed Multiplication. ARI – Ukiriguru – Mwanza, Tanzania. Tanzania Gatsby Trust (TGT).
- Chirimi, S., P. Kibinza, E.L. Kaboni and J.Kumburu (April, 2015). Cotton *Fusarium* wilt Disease Status in Bariadi District Council, Simiyu Region and District Suitability for Cotton Seed Multiplication. ARI – Ukiriguru – Mwanza, Tanzania. Tanzania Gatsby Trust (TGT).
- Chirimi, S., P. Kibinza, E.L. Kaboni and S. Mahalu (April, 2015). Cotton *Fusarium* wilt Disease Status in Bariadi Town Council, Simiyu Region and District Suitability for Cotton Seed Multiplication. ARI – Ukiriguru – Mwanza, Tanzania. Tanzania Gatsby Trust (TGT).
- Chirimi, S., J. Ruzzo, E.L. Kaboni and F.Sumuni (May 2015b). Cotton *Fusarium* wilt Disease Status in Kahama Town Council, Kahama District, Shinyanga Region and Council Suitability for Cotton Seed Multiplication. ARI – Ukiriguru – Mwanza, Tanzania. Tanzania Cotton Board (TCB).
- Chirimi, S., J. Ruzzo, E.L. Kaboni and M.L. James (April, 2015). Cotton *Fusarium* wilt Disease Status in Msalala District Council, Kahama District, Shinyanga Region and Council Suitability for Cotton Seed Multiplication. ARI – Ukiriguru – Mwanza, Tanzania. Tanzania Cotton Board (TCB).

- Chirimi, S., J. Ruzzo, E.L. Kaboni and H.I. Nasibu (March 2015). Cotton *Fusarium* wilt Disease Status in Ushetu Council, Kahama District, Shinyanga Region and Council Suitability for Cotton Seed Multiplication. ARI – Ukiriguru – Mwanza, Tanzania. Tanzania Cotton Board (TCB).
- Chirimi, S., E.L. Kaboni, J. Ruzzo, E. Mahona and D. Bariyanka (April, 2014). Cotton *Fusarium* wilt Disease Status in Nzega District, Tabora Region and District Suitability for Cotton Seed Multiplication. ARI – Ukiriguru – Mwanza, Tanzania. Tanzania Cotton Board (TCB).
- Chirimi, S., E.E. Kaboni, J. Ruzzo and J. Mauma (March 2014). Cotton *Fusarium* wilt Disease Status in Serengeti District and District Suitability for Cotton Seed Multiplication. ARI – Ukiriguru – Mwanza, Tanzania. Tanzania Cotton Board (TCB).
- Ruzzo, J., S. Chirimi, P. Kibinza, E.L. Kaboni and J.W. Mgabo (May 2013). Cotton *Fusarium* wilt Disease Status in Bunda District and District Suitability for Cotton Seed Multiplication. ARI – Ukiriguru – Mwanza, Tanzania. Tanzania Cotton Board (TCB).
- Ruzzo, J., P. Kibinza, E.L. Kaboni and I.M. Kileo (June 2012). Cotton *Fusarium* wilt Disease Status in Maswa District and District Suitability for Cotton Seed Multiplication: *Disease Survey and Mapping Report*
- Kaboni, E.L., A. O. Kataballo, I. Makung’uto, W. Bajwala and S. John (July 2013). Land Evaluation for Sustainable Irrigated Agriculture at Kyakakera Irrigation Scheme, Kashaba Village, Kyaka Ward, Missenyi District, Kagera Region, Tanzania. Missenyi District Council. ARI Ukiriguru, Mwanza.
- Kaboni, E.L., H.R. Masunga, H.S. Msuya, J. Mlaki and E. Ndono (December, 2013a). Land Evaluation for Sustainable Irrigated Agriculture at Ishololo Irrigation Scheme, Ishololo Village, Shinyanga Rural District, Shinyanga Region Tanzania. District Agricultural Sector Investment Project (DASIP). Agricultural Research Institute (ARI) Ukiriguru, Mwanza.
- Kaboni, E.L., F. Mafuru, L.V. Shirima and R.E. Edward (December, 2013b). Land Evaluation for Sustainable Irrigated Agriculture at Kahanga Irrigation Scheme, Kahanga Village, Kahama District Council, Shinyanga Region - Tanzania. District Agricultural Sector Investment Project (DASIP). Agricultural Research Institute (ARI) Ukiriguru, Mwanza.
- Kaboni, E.L., H.R. Masunga, H.S. Msuya, W. Mjinja and S. Saidi (December 2013c). Land Evaluation for Sustainable Irrigated Agriculture at Nyenze Irrigation Scheme, Nyenze Village, Kishapu District, Shinyanga Region Tanzania. District Agricultural Sector Investment Project (DASIP). Agricultural Research Institute (ARI) Ukiriguru, Mwanza.
- Kaboni, E.L., H.R. Masunga, P. Saidia, F. Mafuru, J. Kitati and M.A. Masanja (December, 2013d). Land Evaluation for Sustainable Irrigated Agriculture at Lutubiga Irrigation Scheme, Lutubiga Village, Busega District, Simiyu Region - Tanzania. District Agricultural Sector Investment Project (DASIP). Agricultural Research Institute (ARI) Ukiriguru, Mwanza.
- Kaboni, E.L., H.R. Masunga, H.S. Msuya, M.D. Hamis, M.C. James and L. Nackson (December, 2013 e). Land Evaluation for Sustainable Irrigated Agriculture at Mwangwila Irrigation Scheme, Mwangwila Village, Meatu District, Simiyu Region - Tanzania. District Agricultural Sector Investment Project (DASIP). Agricultural Research Institute (ARI) Ukiriguru, Mwanza.
- Kaboni, E.L., H.R. Masunga, H.S. Msuya, W. S. Makala, J. Salyungu and L.S. Masali (December, 2013f). Land Evaluation for Sustainable Irrigated Agriculture at Mwasubuya Irrigation Scheme, Mwasubuya Village, Bariadi District, Simiyu Region - Tanzania. District Agricultural Sector Investment Project (DASIP). Agricultural Research Institute (ARI) Ukiriguru, Mwanza.
- Kaboni, E.L., H.R. Masunga, P. Saidia, F. Mafuru, J. Kitati and L. Kuliani (December, 2013g). Land

- Evaluation for Sustainable Irrigated Agriculture at Igenge Irrigation Scheme, Igenge Village, Misungwi District, Mwanza Region - Tanzania. District Agricultural Sector Investment Project (DASIP). Agricultural Research Institute (ARI) Ukiriguru, Mwanza.
- Kaboni, E.L., H.R. Masunga, P. Saidia, F. Mafuru, J. Kitati and P. Lugaimulya (December, 2013h). Land Evaluation for Sustainable Irrigated Agriculture at Luhala Irrigation Scheme, Luhala Village, Kwimba District, Mwanza Region - Tanzania. District Agricultural Sector Investment Project (DASIP). Agricultural Research Institute (ARI) Ukiriguru, Mwanza.
- Kaboni, E.L., H.R. Masunga, M. Wambura and W.K. Balyehele (December, 2013i). Land Evaluation for Sustainable Irrigated Agriculture at Miyogwezi Irrigation Scheme, Igongo Village, Ukerewe District, Mwanza Region - Tanzania. District Agricultural Sector Investment Project (DASIP). Agricultural Research Institute (ARI) Ukiriguru, Mwanza.
- Kaboni, E.L., H.R. Masunga, P. Saidia, F. Mafuru, J. Kitati and C.B. Kiula (December 2013j). Land Evaluation for Sustainable Irrigated Agriculture at Sukuma Irrigation Scheme, Sukuma Village, Sengerema District, Mwanza Region - Tanzania. District Agricultural Sector Investment Project (DASIP). Agricultural Research Institute (ARI) Ukiriguru, Mwanza.
- Kaboni, E.L., H.R. Masunga, P. Saidia, F. Mafuru, D.J. Lutema and M.D. Kilonzo (December, 2013k). Land Evaluation for Sustainable Irrigated Agriculture at Lwenge Irrigation Scheme, Lwenge Village, Geita District, Geita Region - Tanzania. District Agricultural Sector Investment Project (DASIP). Agricultural Research Institute (ARI) Ukiriguru, Mwanza.
- Kaboni, E.L., H.R. Masunga, P. Saidia, F. Mafuru and J. Machibya (December, 2013 l). Land Evaluation for Sustainable Irrigated Agriculture at Nampangwe Irrigation Scheme, Nampangwe Village, Bukombe District, Geita Region - Tanzania. District Agricultural Sector Investment Project (DASIP). Agricultural Research Institute (ARI) Ukiriguru, Mwanza.
- Kaboni, E.L., H.R. Masunga, P. Saidia, F. Mafuru and M. Mulongo (December, 2013m). Land Evaluation for Sustainable Irrigated Agriculture at Nyisanzi Irrigation Scheme, Nyisanzi Village, Chato District, Geita Region - Tanzania. District Agricultural Sector Investment Project (DASIP). Agricultural Research Institute (ARI) Ukiriguru, Mwanza.
- Kaboni, E.L., H.R. Masunga, H.S. Msuya, B. Martin, F. Mafuru, and T. Njowele (2013n). Land Evaluation for Sustainable Irrigated Agriculture at Kinamwigulu Irrigation Scheme, Kinamwigulu Village, Maswa District, Simiyu Region, Tanzania. District Agricultural Sector Investment Project (DASIP). Agricultural Research Institute (ARI) Ukiriguru, Mwanza
- Merumba, M.S., E.L. Kaboni, J.M. Nkuba, I.L. Ndyetabura, J. Kulola, and M. Rajabu (2013). Land Evaluation for Sustainable Crop and Livestock Production and Environmental Conservation in Seven Villages of Ngara District, Kagera Region, Tanzania. Volume 1: Technical Consultancy Report for Kabanga Nickel Company Limited, Kabanga Ngara District. Agricultural Research Institute (ARI) Maruku, Bukoba.
- Kaboni, E.L. and H.R. Masunga (July, 2012). Land Evaluation for Sustainable Irrigated Agriculture at Nyatwali Irrigation Scheme, Nyatwali Village, Bunda District, Mara Region - Tanzania. ARI Ukiriguru, Mwanza. Bunda District Council, Mara.
- Merumba, M.S., E.L. Kaboni, R. Tegamaisho and J. Kyamhangile (2011). Participatory assessment of current soil fertility status of major agricultural soils in Biharamulo district, Kagera region, Tanzania for sustainable Agricultural production and land management. ARI Maruku, Bukoba and Ukiriguru, Mwanza
- Kaihura, F.B.S, J.D.J. Mbogoni and E.L. Kaboni (2010) Update of Misungwi district Soils and Crop suitability maps for sustainable crop production and environmental conservation
- Bagalama, F., B.B. Msilanga, A.Yusufu, G. Temba and E.L. Kaboni (2010). Land Evaluation for Dam Construction at Inala proposed Irrigation Scheme, Tabora Municipal, for Rain Water

- Harvesting for Irrigated Agriculture. Tabora Municipal Council, ARI - Tumbi Tabora and ARI- Ukiriguru, Mwanza.
- Subira, N.K., E.R. Mang'ombe, E.L. Kaboni, J. M. Shalale, M.A. Abed, A. R. Magere, E. Ngutta, Y. Mchengwa, M. Gamitwe and E. Lema (2010). lake victoria ecosystem baseline data and information in the simiyu river catchment of mwanza and shinyangaregions, Tanzania. Agricultural Land Use (Watershed Management) Monitoring Programme, Mwanza - Lake Zone
- Kaboni, E.L. and A.I. Munisi (2005). Training in Participatory Village Land use planning in Serengeti District, Mara region. LZARDI Ukiriguru, Mwanza Tanzania.
- Kaboni, E.L. and E.R.A. (2004). Soils condition and potential for cotton, chickpeas and Rice production at Nyanza Commercial Farm, Bunda District, Mara region. LZARDI Ukiriguru, Mwanza Tanzania.
- Mang'ombe, E.R., D.Peter and E.L. Kaboni (2004). Benefits of Soil and Water Conservation Measures: A case of Pilot Areas in Magu and Tarime Districts. Lake Victoria Environmental Management Project (LVEMP). Ministry of Agriculture and Food Security. Agricultural Land Use Planning Unit, Kenyatta Road, Mwanza.
- Kaihura, F.B.S, E.L. Kaboni, T. Julianus, L. F. Sessabo and, D. Ndamugoba (editors) (2003) Proceedings of the Training of Trainers Course on Soil Productivity Improvement Farmers Field Schools 5th to 16th August 2002, LZARDI Ukiriguru. Agricultural Department Of Bukoba District Council, Tanzania.
- Kaboni, E.L. and A.O.A Kataballo (2003). Land Resources Assessment for Sustainable Irrigated Agriculture at Mbarika Irrigation Scheme, Misungwi District, Mwanza. LZARDI Ukiriguru, Mwanza Tanzania. Zonal Irrigation Office, Mwanza, Tanzania.
- Kaboni, E.L and A.O Kataballo (2002). Soil conditions of Mwabagole farm and their suitability for irrigated agriculture. Detailed soil survey report. ARDI Ukiriguru and Zonal Irrigation Unit, Mwanza, Tanzania.

26. Selected Extension and Training Materials Produced

- Farmers' Training Modules in ISFM (Swahili and English versions)
- Training Module in ISFM for Cotton Production: A Guide to Extension Staff.
- Training Module in Participatory Village Land Use Planning: A Guide to Extension Staff.
- Leaflets (Some of them):
 - Ongeza Mavuno kwa Kutumia Mbolea za Viwandani.
 - Panda Miti Mbalimbali Uzuie Mmomonyoko wa Udongo.
 - Ongeza Mavuno kwa Kutumia Mbolea za Kijani.
 - Rutubisha Udongo kwa Kutumia Mbinu Husishi ili Upate Pamba Nyingi.
 - Rutubisha Udongo Kwa Njia Mchanganyiko ili Upate Pamba na Fedha Nyingi.
 - Ongeza Mavuno ya Mazao Kwa Kutumia Samadi Bora.
 - Zijue Aina Kuu za Udongo Katika Maeneo ya Usukumani
 - Uchunguzi wa Udongo Katika Maabara ya Udongo Ukiriguru, Misungwi - Mwanza

27. Soils, Land Use, Crop Suitability and Crop diseases Management Maps produced

- More than 25 maps at A4, A3, A1 and A0 paper sizes formats were prepared, produced and distributed to various Clients including ARI/TARI Ukiriguru for using them in decision making on Farm, soils, land use planning and management and Diseases management.



Elmens Lutaleka Kaboni
Senior Agricultural Research Officer I (SARO I)
12 December, 2021