

I. BI-ODATA

NAMES: Prof. E.N. Sabiiti, B.Sc., M.Sc., PhD (F. TWAS¹, F UNAS²), FAAS*, TWAS
Research Professor, Fulbright Scholar.

DATE AND PLACE OF BIRTH: 12TH November, 1951, Mbarara

CITIZENSHIP: Ugandan

MARITAL STATUS: Married with six children

ADDRESS: Busitema University, Faculty of Natural Resources and
Environmental Sciences, Department of Natural Resources
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CURRENT POSITION: Professor,
Environmental Sciences and Management

II. ACADEMIC QUALIFICATIONS

The Ohio State University, Columbus, Ohio, USA	Nov 2015-Feb 2016 Fulbright Fellowship program
International Livestock Centre (ILCA) Ibadan, Nigeria	1989-1991 Post-doctoral Research Fellow.
University of New Brunswick Canada:	1983 - 1985 Ph.D. Rangeland Ecology.
Makerere University	1976 - 1979 M.Sc. Agric
Makerere University	1973-1976 B.Sc. Agric. 2.1
Ntare School	1971-1972 EAACE
Mbarara High School	1967-1970 EACE

¹ F.TWAS – Fellow of the Third World Academy of Sciences

² F.UNAS – Fellow of the Uganda National Academy of Sciences

* F. AAS --Fellow African Academy of Sciences

WORK EXPERIENCE

Expertise

Experienced P r o f e s s o r in teaching, research, innovations, mentorship, coordination and outreach
Research Management skills in science and technology and agricultural/Environmental Sciences
Community development and action research in Dry lands for pastoral livelihoods,
Grassland Sciences/Pasture Agronomy for livestock production
Range Ecology and management-wildlife/livestock

Biodiversity and sustainable development
Seed Science & Technology
Crop/livestock integration for poverty reduction and food security
Peri-Urban Agriculture and food security
Integrated Urban Waste Management for food production, energy systems and sanitation
Human Resource Management and leadership skills and Institutional building
Consultancies in agricultural/environmental Sciences sector-policy formulation and institutional development and Advisory services

SUMMARY OF CAREER DEVELOPMENT

Professor Sabiiti, a Fulbright Scholar and TWAS Research Professor has got of over 40 years of working experience in research in agricultural/ environmental, rangeland Sciences , University teaching, graduate supervision, mentorship and outreach including administrative experiences at national, regional and international levels. He was appointed a Professor on contract for five years at Busitema University wef June 2021 to-date. Previously he served at Makerere University on full time for **36** years (1985-November 2021) years with diligence and passion. Before that he served as a Special Assistant (teaching and doing his MSC program 1976- 1979), sponsored by the University on a yearly contract renewal. He has supervised 32 graduate students to completion and two on-going at Masters (1) and PhD (1) levels **and now supervising 5 Msc graduate student as well at Busitema University**. He has on record over 150 science and technology publications including books, edited conferences that have been of value to Government and many public /private and communities. Currently he is mentoring staff, teaching, graduate supervision, conducting research and publication and developing new research proposals for funding and developing a PhD program in environmental sciences. He chaired Makerere University Professorial Inaugural Lectures Organising Committee from 2007-2021. He was appointed by the Vice Chancellor, Makerere University as a Coordinator for implementing the Memorandum of Academic Cooperation between the University of Western Sydney, Australia. Prof Sabiiti initiated this cooperation in 2014 and the MoU is still running with a PhD student from Makerere studying at Western Sydney University plus other collaborative research projects. He was also a Co-Ordinator for operationalizing the Centre of Excellence in Waste management, first of its kind in Makerere University and in Uganda and he was its vision bearer based at Makerere University. He initiated another MoU of joint multidisciplinary research collaboration between Makerere University Centre of Excellence in Waste Management based in CAES and Makerere University Environment for Development (EfD) Mak Centre in 2020 based in CoBMAS. He is the Vice President and member of the Governing Council for the Pan African Academy of Sciences that promotes excellence in science and research innovations. This Academy awards competitive research projects to Busitema University and other Universities in Africa.

Prof Sabiiti coordinated successfully an eight year Community based action research for improving the livelihoods of pastoral communities in Kazo, now Kiruhura District and ensuring sustainable food security and the environment. He initiated and successfully coordinated a multidisciplinary team research project on urban market garbage for crop/livestock production systems/clean environment research that was funded by Sida for 15 years and produced 9PhD staff(one is pending on finishing) to be 10 PhD staff in CAES in collaboration with the Swedish University of Agricultural Sciences. He spearheaded the formation of the Association of Uganda Professional Agriculturalists (ASUPA) that brought together all agricultural graduates in the Country to debate issues of agricultural development and he is its founder President.

Prof Sabiiti is not only academic but has acquired leadership skills in University as Head, Crop Science Dept– 1993 – 1994 and as Dean, Faculty of Agriculture and Forestry from 1994 – 2003 and outside University by formulating policies on various boards/committees for agricultural/environmental sciences(NEMA) for development. He has new skills in corporate governance and result based public policy performance management. He coordinated successfully several donor funded research projects since 1995 to date such as USAID, World Bank/ARTP, Forum for Agricultural development-under Rockefeller Foundation, Sida/SAREC where he was recognized by the University and gained skills in team building and collaboration with local and international institutions. He mobilized significant financial resources that have enabled the University to achieve research and training objectives as well as institutional development. He rose from the ranks of Special Assistant, Lecturer, Senior Lecturer, Associate Professor & full Professor in 1998. Prof Sabiiti also chaired Faculty Boards (9years) and Senate Science Committee for three years; a committee for considering all science based academic programmes of the University. He served in Senate of Makerere University from 1988 up to 2015 and where he participated in formulating academic policies, vetting programmes, working on several Senate Task Forces in developing University Statute on College systems, Revising Appointments/Promotions policy and on research boards. He Chaired a Senate Search Committee for Principals and Deputy Principals of College of Health Sciences (CHS) as well as the Makerere University Recognition Adhoc Committee which formulated a policy document recognizing outstanding Makerere staff who have served and continue to serve the University. He served on the Departmental Appointments Committee and School of Agricultural Sciences Committee for postgraduate research. He is currently serving on Faculty of natural Resources and Environmental Sciences Post graduate and higher Degrees Committee and also representing the faculty in Senate wef March 2022.

Professor is highly innovative and has taught and initiated several new undergraduate and postgraduate courses in Pasture Agronomy, Range Resources Management and Conservation, Economic Botany and Crop Physiology, Principles of Ecology, Forest Fire Protection, Seed Science and Technology and Graduate courses in Advanced Grassland Ecology, Advanced Grassland Agronomy and Utilization, Eco-physiology, Seed Science and Technology, Utilization and conservation of plant genetic resources and Biodiversity Conservation and sustainable development.

In addition he is a Fellow of The World Academy of Sciences (TWAS), African Academy of Sciences (AAS) and current Vice President of AAS; Uganda National Academy of Sciences (UNAS) and former Vice President of (UNAS) a body of eminent Scientists in Uganda who promote science and technology for prosperity for all Ugandans. He has served as a member of the Advisory Committee on Agricultural Sciences of TWAS and also Chairperson as well as a Member of the Advisory Committee on Science and Technology of the Third World National Sciences Organizations (TWNISO). He is a **FELLOW** of the Salzburg Seminar 1999-2006 for effectively participating in the EARTH University Project- with EARTH University Project on Sustainability, Education and Management of Change in the Tropics conducted at Salzburg, EARTH, Costa Rica which led Makerere University to develop successful linkages with Earth University that trains agricultural graduates in agricultural based skills with entrepreneurship.

Prof Sabiiti has in addition served the Ministry of Education and Sports for several years where he has served on several committees/boards for policy formulation and institutional development. He has served on several committees of experts in establishing new Universities in Uganda e.g. Gulu, Busoga, Mutesa 1 Royal University, Kabale, Busitema Universities and in vetting Universities for licenses by the Ministry of Education and Sports and the National Council for Higher Education (NCHE) since 2003 to 2015. **He also served as a Council member of Busitema University from 2015-2021 where he also chaired two Council Committees-Students welfare and Disciplinary Committee and Appointment Board.** He was also involved in assessing various Curricula for several Universities for accreditation. He is a pioneer Chairman of Council for Bishop Stuart University where he steered the Council to start a Private University in 2003 that was licensed by Government and was granted a Charter by HE the President of the Republic of Uganda in Oct 2014. He was appointed on the National task force by the Minister of Education and sports to formulate the National agricultural education strategy that would streamline the agricultural education in Uganda. He served in other Institutions as Director on NEMA Board since 2013-2020 in the Ministry of Water and Environment.

Professor Sabiiti was also involved in several consultancies with national and international agencies. The celebrated consultancy for him involved a report titled **Realizing the Promise & Potential of African Agriculture: Science & Technology Strategies for Improving Agricultural productivity and food security in Africa by Inter Academy Council – June 2004**. The Secretary General of the UN commissioned this study & Professor Sabiiti was one of the 18 International experts on the Inter Academy panel that conducted the study in Africa.

He has also played a key role in the Ministry of Agriculture, Animal Industry and Fisheries for over 30 years where he has served on several committees/boards of Institutions created by the Ministry such as NARO, NAADS, and Research Institutions and on projects like Agricultural Research and Training Project (ARTP) and the Unified Agricultural Extension project.

He was a pioneer steering committee member for the formulation of Plan for modernizing Agriculture (PMA) and a pioneer Director on NAADS Board from 2002 to 2008 and in addition sits on many International Boards/Committees such as dealing with agricultural policies and higher Education policies and their implementation.

He served twice as Vice President of the International Rangelands Congress Continuing Committee 2008-2012.

EMPLOYMENT CAREER

- 1 Appointed a Professor of Busitema University on a Contract for five years wef June 2021
- 2 Served as Full Professor from 1998 until retirement in 2021
- 3 Promoted to full Professor of Crop Science, December 1998.
- 4 Promoted to Associate Professor December, 1995.
- 5 Served as Dean, Faculty of Agric. and Forestry Nov. 1994 to Feb.2003.
- 6 Appointed Head, Crop Science, Aug. 1993 to Nov. 1994.
- 7 Promoted to Senior Lecturer, Department of Crop Science, Dec. 1988.
- 8 Confirmed Lecturer in the University Service, 18 November 1987.
- 9 Appointed Lecturer, Department of Crop Science, Makerere University 1985.
- 10 Research Officer/Senior Research Officer, Ecosystems conservation and management Uganda Institute of Ecology 1979 - 1985.
- 11 Special Assistant, Department of Crop Science, Makerere University 1976 - 1979

III.LIST OF PEER REVIEWED PUBLICATIONS

i) Articles published in refereed International /edited Journals

1. Shamim Aryampaa ,Basant Maheshwaria, Montserrat Zamorano, Elly N.Sabiiti ,Christopher Olobod ,Najib L.Bateganyae.2021. Adaptation of EVIAVE methodology to

- landfill environmental impact assessment in Uganda – A case study of Kiteezi landfill.
Journal of African Earth Sciences **Volume 183**, November 2021, 104310
2. Shamim Aryampa, Basant Maheshwaria, **Elly N Sabiiti** and Montserrat Zamoranoc. 2021. A framework for assessing the Ecological Sustainability of Waste Disposal Sites (EcoSWaD). J.Waste Management. Vol 126:11-20 <https://doi.org/10.1016/j.wasman.2021.02.044>
 3. (Data publication) Aryampa, S., Bukenya, B., Bateganya, N., Maheshwari, B., & Sabiiti, E. (2021). Waste quantities received for disposal at the Kiteezi landfill in Uganda from April 2011 to December 2020 [Data set]. Western Sydney University. <https://doi.org/10.26183/NFDX-YN96>
 4. Shamim Aryampa ,Basant Maheshwari ,**Elly Sabiiti** ,Najib L Bateganya and Brian Bukenya 2019. Status of Waste Management in the East African Cities: Understanding the Drivers of Waste Generation, Collection and Disposal and their Impacts on Kampala City’s Sustainability. 2019. Sustainability 2019. 11(19), 5523; <https://doi.org/10.3390/su11195523>.
 5. Nakamya J. , Tumuhairwe J.B. , **Sabiiti E.N.** , Nakanwagi J.Beesigamukama D., and Aryampa S. : Soil Textural Inactivation of Residual Faecal Indicator Organisms in Bio Slurry Used for Carrot Production. Journal of Agricultural Science and Food Technology Vol. 7 (3), pp. 30-35, July, 2021 ISSN: 2465-7522 Research Paper https://doi.org/10.36630/jasft_20017 <http://pearlresearchjournals.org/journals/jasft/index.htm>
 6. Nakamya , J , Tumuhairwe , J B , Sabiiti , E N , Strachan , N J C , Avery , L M & Smith , J 2020 , Influence of biogas digesters on faecal indicator organisms in digestate and around homesteads In ethiopia ' , Biomass & Bioenergy , vol. 142 , 105746 . <https://doi.org/10.1016/j.biombioe.2020.105746>
 7. Katurumunda, S., Mpairwe, D., **Sabiiti, E.N.** & Wredle, E. 2017. Effect of supplementary feeding on the performance of Ankole x Friesian crossbred calves grazed on natural pastures. Journal of Agriculture and Ecology Research International, 10(4): 1-12. DOI: 10.9734/JAERI/2017/30366
 8. **E N Sabiiti** and C Katongole 2016. Role of Peri-urban Areas in the Food System of Kampala, Uganda. 'Balanced Urban Development: Options and Strategies for Liveable Cities', Editors: Basant Maheshwari, Vijay P. Singh, Bhadrani Thoradeniya, ISBN: 978-3-319-28110-0 (Print) 978-3-319-28112-4 (Online).
 9. Mary Tibeziinda, Ewa Wredle, **Elly N. Sabiiti** and Denis Mpairwe. 2016. Feed resource utilization and dairy cattle productivity in the agro-pastoral system of South Western Uganda. African Journal of Agricultural Research Vol. 11(32), pp. 2957-2967.DOI: 10.5897/AJAR2016.1078
 10. J. Nambi-Kasozi, **E. N. Sabiiti**, F. B. Bareeba, E. Spordly and F. Kabi 2016. Effects of

- inclusion levels of banana (*Musa spp.*) peelings on feed degradability and rumen environment of cattle fed basal elephant grass. *Trop Anim Health Prod* 48:693–698
11. Justine Nambi-Kasozi , **Elly N. Sabiiti** , Felix B. Bareeba and E. Spornldy. 2014. Effect of feeding varying levels of banana peelings supplemented with maize bran, cotton seed cake and *Gliricidia sepium* on the performance of lactating dairy cows. Vol. 9(8), pp. 720-727, 20 February, 2014 DOI: 10.5897/AJAR 2013.7405 ISSN 1991-637X ©2014 Academic Journals <http://www.academicjournals.org/AJAR> African Journal of Agricultural Research
 12. **E. N. Sabiiti** and C. B. Katongole 2014. Urban Agriculture: A Response to the Food Supply Crisis in Kampala City, Uganda ;pp 233-237 in *The Security of Water, Food, Energy and Liveability of Cities. Challenges and opportunities for Periurban Futures.* Eds B Maheshwari et al. Springer Publishers.
 13. **Sabiiti, E.N.**, Katongole, C.B., Katurumunda, S., Sengendo, H., Basalirwa, C.P.K., Atukunda, G. and Nambuubi, S.K. (2014). Building Urban Resilience: Assessing Urban and Peri-urban Agriculture in Kampala, Uganda. [Padgham, J. and J. Jabbour (eds.)]. United Nations Environment Programme (UNEP), Nairobi, Kenya. ISBN: 978-92-807-3371-6 DEW/1783/NA
 14. Kato, H, F B Bareeba and **E N Sabiiti** 2013.Productivity of soil fertilized with faecal manure of cattle fed *Calliandra*,*Gliricidia* and *Luecaena* browse/maize silage. *Afric J of Agr Research* Vol 8(7):634-638.<http://www.academicjournals.org/AJAR>.
 15. Kato, H ,F B Bareeba and **E N Sabiiti** 2013.Productivity of soil fertilized with fermented *Calliandra*, *Gliricidia* and *Leucaena* browses and maize Forage. *Journal of Agricultural Science and Technology* B3(2013) 199-203.
 16. Katurumunda,S, **E.N. Sabiiti** and A. Mateete Bekunda. 2012. Effect of method of storing cattle faeces on the physical and chemical characteristics of the resultant composted cattle manure. *Uganda Journal of Agricultural Sciences*,12, 13 (2): 95-106
 17. Katurumunda,S; Sabiiti,E.N. and M A Bekunda. 2011. Effect of application of cattle manure and mineral fertilizers on the growth characteristics and quality of *Pennisetum purpureum* fodder. *Livestock research for Rural Development*: 23(12):1-9.
 18. Sabiiti, E.N. 2011.Utilising Agricultural Waste to Enhance Food Security and Conservation of the Environment. *Africa J of Food , Agriculture and Development* .11(6):1-9.
 19. Katongole, C.B., Sabiiti, E.N., Bareeba, F.B. and Ledin, I. 2010. Performance of growing indigenous goats fed diets based on urban market crop wastes. *Trop Anim Health and Prod*

- 41:329-336 Katongole, C.B., Sabiiti, E.N., Bareeba, F.B. and Ledin, I. 2009. Performance of growing indigenous goats fed diets based on urban market crop wastes. *Trop Anim Health and Prod* 41:329-336
20. Katongole, C.B and E.N. Sabiiti. 2008. Alternative feed base with stall feeding: the key to reducing grazing /browsing pressure from natural grasslands in Uganda. *Grassroots. Newsletter of the Grassland Society of Southern Africa. Vol 8(1) ISSN 101166122*
21. Katongole, C, B., Bareeba, F.B, Sabiiti,E. N and I. Ledin.2008. Nutritional Characterization of some Tropical Urban Market Crop Wastes. *Animal Feed Science and Technology.* 142(3):275-291.
22. Kato,H. Bareeba,F.B.,Ebong,C and E N Sabiiti. 2006. Ensiling characteristics and milk producing capacity of browse/maize forage mixtures. *Livestock Research for Rural Development.* 18(6):1-7.
23. Okello, S., and Sabiiti E. N. (2006). Productivity of Indigenous Cattle on Uganda Rangelands: Constraints and Opportunities. *Makerere University Research Journal, Inaugural issue: 1:71-92.*
24. Okello, S., Sabiiti, E. N., and Schwartz, H. J., (2005). Factors affecting the in situ digestibility of dietary samples by Ankole cattle grazed on natural range pastures in Uganda. *African Journal of Range and Forage Science, 22(3):157-165*
25. Okello, S., Sabiiti, E. N., and Schwartz, H. J., (2005). Analysis of factors affecting milk yield of Ankole cows grazed on natural range pastures in Uganda. *African Journal of Range and Forage Science, 22(3):149-156*
26. Sabiiti, E.N., D. Mpairwe, M.S. Rwakaikara and S. Mugasi 2004. Restoration of degraded natural grasslands to enhance soil fertility, pasture and animal productivity. *Uganda Journal of Agricultural Sciences 9: (1) 466-469.*
27. Sabiiti, E.N., Bareeba, F., Spornly, E., Tenywa, J.S., Ledin, S., Ottabong, E., Kyamanywa, S., Ekobom, B., Mugisha, J. and Drake, L. 2004. Urban market garbage: A hidden resource for sustainable urban/peri-urban agriculture and the environment in Uganda. *The Uganda Journal: 50, 102-109.*
28. Sabiiti, E.N., D. Mpairwe and S. Mugasi, 2003. Rehabilitation of rangelands using forage/fodder legumes. *African journal of range and forage Science 20: (2) 170.*
29. Mpairwe, D., E.N. Sabiiti, N.N. Ummuna, A. Tegegne and P. Osuji 2003. Integration of forage legumes with cereal crops: II. Effect of supplementation with lablab hay and incremental levels of wheat bran on voluntary food intake, digestibility, milk yield and milk

- composition of crossbred cows fed maize - lablab stover or oats - vetch hay *ad libitum*, 2002. *Livestock Production Science* 79: 213-226.
30. Mpairwe, D., E.N. Sabiiti, Ummuna, N.N., Tegegne, A. and Osuji, P. 2003. Integration of forage legumes with cereal crops: 1. Effects of supplementation with graded levels of lablab hay on voluntary food intake, digestibility, milk yield and milk composition of crossbred cows fed maize - lablab stover or oats - vetch hay *ad libitum*. *Livestock Production Science*, 79: 193-212.
 31. Mpairwe, D., E.N. Sabiiti, N.N. Ummuna, A. Tegegne, and P. Osuji, 2002. Effect of intercropping cereal crops with forage legumes and source of nutrients on cereal grain yield and fodder dry matter yields. *Agric. Crop. Sci. J.* 10: (1) 81-97.
 32. Beyunga, J.K., F.B Bareeba and E.N. Sabiiti, 2001. Nutritional evaluation of Elephant grass hybrids. *MUARIK Bulletin*. 4: 71-76.
 33. Kato. H., F.B Bareeba, E.N Sabiiti and C. Ebong, 2001. Fermentation characteristics and nutrient composition of ensiled *Calliandra calothyrsus*, *Gliricidia sepium* and *Leucaena leucocephala* browses and maize fodder. *MUARIK Bulletin*. 4: 11-17.
 34. Katurumunda. S., E.N. Sabiiti and F.B. Bareeba. 2000. Effects of Siratro and maize bran supplementation on feed intake and milk yield and composition of crossbred lactating cows fed *Pennisetum purpureum* basal diets. *MUARIK Bulletin*. 3: 49-56.
 35. Mugasi, S.K., E.N. Sabiiti and B. Tayebwa, 2000. The economic implications of bush encroachment on livestock farming in rangelands of Uganda. *Agric. J. Range and Forage Sci.* 17(1, 2 & 3). 64-69.
 36. Luvumu, E.N., Bareeba, F.B. and E.N. Sabiiti 1999. Effect of interplanting *Setaria* with *Gliricidia* on chemical composition and nutritive value when fed to growing sheep. *MUARIK Bulletin*, 2: 35-39.
 37. Kabirizi, J.M., Bareeba, F.B., Sabiiti, E.N., Ebongo, C., Namagembe, A. and J. Kigongo. 2000. Effect of supplementing crossbred lactating dairy cows fed elephant grass based diets with lablab hay and a concentrate. *Ug. J. of Agric. Sci.* 2000, 5: 9-15.
 38. Mugisa, T.K. Ngategize, P.K. and E.N. Sabiiti, 1999. Determinants and Impact of Integration of Forage Legumes in Crop/Livestock Systems in Peri-Urban Areas of Central Uganda. *African Crop Sci. J.* 4(7): 591-589.
 39. Tumutegereize, K., Hyuha, T. and E.N, Sabiiti, 1999. Factors affecting dairy production in peri-urban areas of Kampala. *Uganda J. Agric. Sciences* 4:7-11.40. Tumutegereize, K., Sabiiti E.N., and T. Hyuha, 1998. Economic analysis of dairy production systems in the peri-urban areas of Kampala. Accepted for Public J. Rural Development.

41. Mpairwe, D., E.N. Sabiiti and J.S. Mugerwa, 1998. Effect of dried *Gliricidia sepium* leaf supplement on feed intake, digestibility and nitrogen retention in sheep fed dried hybrid (KW4) elephant grass (*Pennisetum purpureum* x *Pennisetum typhoides*) *ad libitum*. *Agrofor. Systems* 41: 139-150.
42. Lusembo, P., C. Ebong, E.N. Sabiiti and J.S. Mugerwa 1997. Seed production aspects of *Macroptilium atropurpureum* in Uganda. *J. Appl. Seed Production*. 15:37-40.
43. Lusembo, P., C. Ebong, E.N. Sabiiti, Mohammed-Saleem, Abate Tedla and J. Ndikumana, 1997. Dry and wet season performance of selected herbaceous legumes in Uganda. *Tropical Grasslands* 31: 556-560.
44. Kyagaba, E. Farah, K.O. and Sabiiti, E.N. 1996. Indigenous knowledge and natural resource management: a case study of the role of fire among the Bahima of South Western Uganda. The African Pastoral Forum. Working paper series, 10: 1-31.
45. Lusembo, P., E.N. Sabiiti and J.S. Mugerwa. 1995. Influence of seed size on seedling characteristics of *Centrosema pubescens*. *African Crop. Sci. J.* 3:(4) 547-551.
46. Lusembo, P., M.A. Mohammed Saleem, T. Abate and E.N. Sabiiti, 1995. Agronomic evaluation of herbaceous legumes in a sub-humid zone of Uganda. *Afr. J. Range Forage Sc.* 22(2): 68-71.
47. Lusembo, P. E.N. Sabiiti & J.S. Mugerwa. 1994. *Centrosena pubescens* (Centro) and *Manihot exculenta* (cassava) intercropping: The effect of spacing and time of planting centre on seed yield. *Afr. J. Range For. Sci.* 11 (2): 48 - 50.
48. Lusembo, P., Sabiiti, E.N. and Mugerwa, J.S. 1993. The effect of single super phosphate & plant population on the seed yield of Siratro. *J. Appl. Seed Prod.* 11:48-51
49. Sabiiti, E.N., Wamala, J.B., Ogen-Odoi, A. and R.W. Wein, 1992. The role of fire in pasture and rangeland management. *Nomadic Peoples*, 31: 107 -110.
50. Sabiiti, E.N. and Cobbina, J. 1992. *Parkia biglobosa*: A potential multipurpose fodder tree legume in West Africa. *The International Tree Crops Journal* 7: 113-138
51. Sabiiti, E.N. and Cobbina, J. 1992. Initial agronomic evaluation of *Parkia biglobosa* in the humid zone of Nigeria. *Agroforestry systems*: 17:271-279.
52. Sabiiti E.N. and R.W. Wein 1987. Fire behaviour and the invasion of *Acacia sieberiana* into savanna grassland openings. *African Journal of Ecology* 26: 301-313.
53. Sabiiti, E.N. and R.W. Wein 1988. Fire and *Acacia* seed - a hypothesis of colonization success. *Journal of Ecology*, 85: 937-946.

54. Sabiiti, E. N. 1983. Ecological studies on *Macroptilium atropurpureum* in Rwenzori National Park, Uganda. 1. Effects of pre-treating seeds with conc. sulphuric acid, scarification, boiling and burning on germination. *Africa Journal of Ecology*, 21: 28-289.
55. Sabiiti, E. N. 1980. Dry matter production and nutritive value of *Indigofera hirsuta* in Uganda. *East African Agriculture and Forestry Journal*, 45: 296-303.

Some Papers in edited proceedings, of conferences/workshops/seminars

1. Sabiiti, E.N. 2017. Presented a paper Establishment of Centres of Excellence as Engines of innovations in solid waste management for wealth creation and Environmental Health East Africa Waste Management Conference 24-25 August 2017 Kampala, Waste: Our health, our wealth, our responsibility.
2. Sabiiti, E.N. 2017. Incorporating climate change in curriculum development for College of Agricultural and Environmental Sciences. Conference on Climate Ecosystems and Livelihoods for Africa, Nairobi, Kenya 4-7Sept 2017.
3. Sabiiti, E.N. 2017. The National plan for Universities to develop human resources to ensure adequate food security in Uganda for the 21st Century. Vice Chancellors Forum held at Isbat University, Kampala, Uganda 20th Oct 2017.
4. E N Sabiiti 2017. Developing research and collaboration and capacity building. 4-5 December 2017, Makerere University, Kampala, Uganda: Urban and peri-urban agricultural production systems in Uganda Urbanization and its impact on Peri-Urban Water and food Security in Africa under the Australia Africa Universities Network (AAUN).
5. Sabiiti, E.N and S .Mugasi 2016. Fire as a management ecological tool for the restoration of degraded rangeland ecosystems for livestock grazing in Uganda. Oral Presentation; International Rangeland Congress, Saskatoon, Canada 15-30 July 2016. The Future Management of Grazing and Wild Lands Congress.
6. Sabiiti, E.N. 2014. Role of Peri Urban Areas in the Food System of Kampala, Uganda. International Conference on Peri-Urban Landscapes: Water, Food Security and Environmental Security, 8-10th July 2014, University of Western Sydney, Australia.
7. Sabiiti, F. Bareeba, E. Spornedly, J.S. Tenywa, S. Ledin, E. Ottabong S. Kyamanywa, B. Ekobom, J. Mugisha, and L. Drake. 2008. Approaches in urban market garbage management and utilisation in Uganda. Proceedings of the Intern Conference on Waste-the Social Context held in Edmonton, Canada 11-15 May 2008.
8. Bwengye, B. G., Sabiiti, E.N, Grimaud, P. 2008. Effect of Management on the Productivity of *Chloris gayana* in the Rangelands of Uganda. Paper presented at the XXI International Grassland Congress and VIII Intern Rangeland Congress, 29-June -5th July 2008, Hohhot, Inner Mongolia, China.
9. Katurumunda, S., E.N. Sabiiti and F.B. Bareeba. 2008. Integrating forage legumes in crop/livestock systems for sustainable food production in peri-urban agriculture in Uganda. Paper presented at the XXI International Grassland Congress and VIII Intern Rangeland Congress, 29-June -5th July 2008, Hohhot, Inner Mongolia, China.
10. Katongole, C., Sabiiti, E .N , Bareeb, F B and I Ledin. 2007. Nutritive value of common urban market crop wastes for goat production in periurban agriculture in Uganda. Paper accepted for presentation in the 42 Joint Annual Congress of the Grassland Society of Southern Africa, 16-20 July 2007, Rhodes University, SA.

11. Hyuha, T. S., Sabiiti, E.N. and E. Hisal. 2005. Impact of rice production on food security and women in Uganda. *In African Crop Science Conf. Proceed.*, Kampala, 5-9dec 2005. Eds. J S Tenywa, Adipala, E, Nampala, P, Tusiime, G, Okori, P and W Kyamuhangire. Vol 7(2):833-839. ISSN 1023-070X.
12. Realizing the promise and potential of African agriculture: Science and technology strategies for improving agricultural productivity and food security in Africa. Inter-academy Council. 2004. ISBN 90-6984-418-4. Study report commissioned by the UN Secretary General. Elly N Sabiiti and other 18 international Scientists were appointed on the study Panel that did the research and produced the report. Pp266.
13. Katongole, C.B. E.N. Sabiiti, F.B. Bareeba and I. Ledin. 2006. Developing feeds for Meat Goats in Crop/Livestock Grassland Production Systems in Uganda. Paper presented in the 41st Annual Congress of the Grassland Society of Southern Africa Congress, 17-21July 2006, ATKV Klein Kariba, and Limpopo, South Africa.
14. Wein W., E N Sabiiti, P A Thomas, R M Roth and P Jerome Martin. 2005. Maximizing conservation in agricultural landscapes. *In African Crop Science Conf. Proceed.*, Kampala, 5-9dec 2005. Eds. J S Tenywa, Adipala, E, Nampala, P, Tusiime, G, Okori, P and W Kyamuhangire. Vol 7(2):515-525. ISSN 1023-070X.
15. Nambi-Kasozi, J., Sabiiti, E.N. and Bareeba, F. B. 2004. Effect of feeding varying levels of banana peelings supplemented with maize bran, cotton seed cake and *Gliricidia sepium* on the performance of lactating dairy cows. Paper presented at the Regional Symposium on Livestock Revolution Challenges and Opportunities 15th-18th March 2004, Nairobi Kenya.
16. Nambi-Kasozi, J., Sabiiti, E. N. Bareeba, F. B. and Sporndly, E. 2004. Urban market crop wastes: Valuable animal feed resources in the crop/livestock production systems in Uganda. Paper presented at the 2nd Joint Congress of the Grassland Society of Southern Africa and the South African Society of Animal Science: The paradigm of efficiency and sustainability. 28th June-1st July 2004, Goudin Spa, South Africa.
17. Nambi-Kasozi, J, E. N. Sabiiti, F. B. Bareeba and E. Sporndly. 2004. Nutritional evaluation of banana peelings from the various banana varieties in the different regions of Uganda. Paper presented in the XXth International Grassland Congress 2005, June –July 2005, Dublin, Ireland.
18. Kato, H., Bareeba, F.B. and Ebong, C. 2004. The effect of fermentation on rumen degradation and microbial protein synthesis associated with Calliandra, Gliricidia, Leucaena browses and maize forage. Paper accepted for presentation at the XXth International Grassland Congress 2005, June –July 2005, Dublin, Ireland.
19. Kalibala, R., Kyamanywa, S. and Sabiiti, E.N.2002. Range and occurrence of insect pests on Lablab in crop/livestock farming systems. *Proceedings of Integrated Pest Management Conference.* J. S. Tenywa, M P Nampala, S., Kyamanywa and M. Osiru (Eds). pp70-73. Kampala, Uganda.
20. Proceedings of the workshop on integrated Small holder Dairy Farming Systems in Peri-urban Areas with emphasis on Forages and Fodder Tree Utilisation, Embu, Kenya 13-17 June 1999. Eds. G.M. Karanja and E.N. Sabiiti.
21. Lusembo, P., C. Ebong and E.N. Sabiiti 1999. Integration of pasture seed and broom production in Uganda. *Proceed. Afric. Crop Science Conference*, 4:661 -665.
22. Mugasi, S.K. and E.N. Sabiiti, 1997. Shrub encroachment as a constraint in Utilization of range and grassland resources: A case of the pastoral rangelands of Kazo, Mbarara district. *In: E.N. Sabiiti and F.B. Bareeba (Eds).* *Proceedings of the 3rd UPANE workshop* 29 - 31 July. 1997, Makerere University, Kampala.
23. Sabiiti, E.N. and J.S. Mugerwa 1997. Integration of livestock into land use systems for sustainable production. *Proceedings of the 1st Intern. Scientific Conf. on Vet. Medicine: The Key to Animal Health* 16 - 18 April, 1997, Intern. Conf. Centre, Kampala. Abstract pp189.

24. Sabiiti, E.N., Mugerwa, J.S., Ngategize P. and G. Kyeyune 1997. Integration of Forage Legumes into Maize/elephant Grass Systems for Dairy Farming. Proceedings of the XVIII International Grassland Congress, June 8 - 19, 1997, Winnipeg, Manitoba and Saskatoon, Saskatchewan. Vol. 3.
25. Sabiiti, E.N. and S.K. Mugasi. 1997. Control of Weeds in Pasture Systems. Proceedings of the 16. Biennial Weed Science Society Conference for Eastern Africa. Eds. Adipala, Tusiime G. and Okori, P. pp 51 - 56.
26. Sabiiti E.N.; J.S. Mugerwa and F.B. Bareeba, 1993. Agronomic evaluation of forage legumes for improving native pasture systems in Uganda. Afr. Crop Science J. Conference proceedings Vol. 1 : 171-173.
27. Sabiiti, E.N. J. Cobbina and J. Lambourne. 1993. Contribution of *Parkia biglobosa* to the feeding value of pasture systems in West Africa. Proceed. XVII Intern. Grssld Congr. 2055-2056. Ed. M.J. Baker, SIR, Publ.
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29. Okigbo, B.N. and E.N. Sabiiti, 1993. Sustainability of productive farming systems with particular reference on soil fertility, multiple use systems and weed ingress-small holder systems in humid tropical (Africa). Keynote paper at the XVII Intern. Grassld. Congress, Palmerston North, New Zealand, 8-21 February, 1993.
30. Lusembo, P., Sabiiti, E.N. and Ebong, C. 1993. The effect of support systems on the seed production of *Centrosema pubescens* in Uganda. Proceed, of the XVII Grassld. Congress, pp 1759 -1760. Ed. M.J. Baker, SIR, Public.
31. Mpairwe, D., E.N. Sabiiti and Mugerwa, J.S. 1992. Potential of legume shrubs and tree fodder as animal feedstuff, in Proceed. 2nd Uganda Pasture Network Workshop: Pasture and Feeding Systems for Sustainable Livestock Production and the environment. Eds: E.N. Sabiiti, F.B. Bareeba and S.N. Mwebaze pp 42 -50.
32. Lusembo, P. Sabiiti, E.N. and Mugerwa, J.S. 1992. The status of forage seed production in Uganda. Paper presented at the 1st Forage Seed Production Workshop, Makerere University, 10 -12 August 1992. Sponsored by ILCA.
33. Sabiiti, E.N. 1992. Forage genetic resources in Uganda. Paper presented at the 1st National Plant Genetic Resources Workshop held at Mukono DFI, 9-11 Nov.1992. E.N. Sabiiti, H. Kamau, D. Karamura, J. Wasswa and J. Nkuhe (Eds.).
34. Sabiiti, E.N. 1992. Forage Integration into crop/livestock production systems. Proc. of the 2nd Uganda Pasture Network-workshop held at Makerere University 14-16 Dec. 1992. E.N. Sabiiti, F.B. Bareeba and S.N. Mwebaze (Eds). Pp19-26.
35. Lusembo, P. & E.N. Sabiiti, 1992. Technology development of pasture seed production for small-scale farmers in Uganda. Paper presented at the 1st National Forage Seed Production Workshop, Makerere University, 10-12 August 1992.Sponsored by ILCA.
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37. Sabiiti, E.N. & Mugerwa, J.S. 1992. Multilocal testing of new forage legumes for seed production potential. Paper presented at the 2nd FAO Regional Working Group on Resources for E. Africa. Makerere University, 31 Mar. - 4 Apr. 1992.
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39. Sabiiti, E. N. & J. S. Mugerwa, 1992. Potential browse species as feed for small ruminant production in Uganda. Paper presented at the 10th Small Ruminant -Collaborative Support Research Programme Scientific Workshop held at ILRAD, Nairobi, Kenya 26 - 27 Feb 1992.
40. Sabiiti, E. N., J.S. Mugerwa and F. Bareeba. 1991. Pastures in sustaining soil fertility and crop production. Proc. of the 11th Annual general meeting/conference of the Soil Science Society of East Africa, held at Colline Hotel, Mukono, Uganda 3rd-6th Dec 1991
41. Bareeba, F.B., E. N. Sabiiti, P. Lusembo, P. & J. S. Mugerwa 1993. Introduction and screening of Sesbania germplasm in the sub humid Zone Uganda. *In: J.A. Kategile & S.B. Adoutan (Eds.). Collaborative Research on Sesbania in East & Southern Africa. Proc. of an AFRNET Workshop held in Nairobi, Kenya. 9-14 Sept. 1991. pp 35-44*
42. Sabiiti, E.N. and R.W. Wein. 1991. Effects of fire intensity and browsing by goats on the dynamics of Acacia/encroachment in rangelands of Uganda. Proceedings of the IVth Intern. Rangeland Congress, 22-26 April 1991, Montpellier, France. 2: 860-862.
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44. Sabiiti, E.N. 1990. The place and role of fire in pasture and rangeland management in Uganda. Proc. of the Workshop on range improvement for increased beef production. Mbarara, 16-19 Jan. 1990
45. Sabiiti, E.N. 1990. Some important browse species for Livestock Feed in East Africa. Paper presented at the 2nd Intern. Conf. on Range management in the Arabian Gulf, Kuwait 3-6 March 1990.
46. Sabiiti, E.N. and J.S. Mugerwa 1990. Forage research and development for livestock production in Uganda: A review *In: B.H. Dzowela, A.N. Said, A. Wendem-Agenehu & J.A. Kategire (Eds). Utilization of research results on Forage & Agricultural By-product materials as animal feed resources in Africa. Proc. of the first joint workshop held in Lilongwe, Malawi 5-9 Dec 1988. PANESA/ARNAB, ILCA, Addis Ababa, pp 186-206.*
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48. Sabiiti, E.N. and J.S. Mugerwa 1988. Major causes of the changes in vegetation (pasture) and suggested remedies. Paper read at the 1st All African Soil Science Society, International Conference Centre, Kampala, Uganda 5-11 December 1988.
49. Sabiiti, E. N. (1988). Oversowing improved pasture legumes into natural or established grass pastures in Uganda. Proceedings of the Animal Production Society of Kenya Conference Nairobi, Kenya 23-25 Nov. 1988.
50. Kyamanywa, S. and E.N. Sabiiti 1992. The importance of insects in pasture Production and Utilisation in Uganda. *In: P.R. Henderlong, E.N, Sabiiti, F.B. Bareeba and S.N. Mwebaze (Eds.). Pasture Management for Livestock Production in Uganda. Proceedings of the 1st Uganda Pasture Network (UPANE) Workshop held at Makerere University, 14-17 December 1987. pp 57-69.*
51. Sabiiti, E.N., R.W. Wein, J.B. Wamara and A. Ogen-Odoi 1992. The role of fire in pasture and range management in Uganda. *In: P.R. Henderlong, E.N. Sabiiti, F.B. Bareeba and S.N. Mwebaze (Eds.). Pasture Management for Livestock Production in Uganda. Proceeding of the 1st Uganda Pasture Network (UPANE) Workshop held at Makerere University, 14-17 December 1987. pp.93 - 97.*
52. Sabiiti, E.N., J.S. Mugerwa, F.B. Bareeba, J.K. Zake and P.R. Henderlong 1992. Collection, evaluation and multiplication of forage germplasm. *In: P.R. Henderlong, E.N. Sabiiti, F.B. Bareeba and S.N. Mwebaze (Eds.). Pasture Management for Livestock Production in Uganda. Proceedings of the 1st Uganda pasture Network (UPANE) held in Makerere University, 14-17 Dec. 1987. pp 2-8.*
53. Sabiiti, E.N., P.R. Henderlong and J.S. Mugerwa 1988. Evaluation of *Desmodium adscendes* through vegetative propagation in planted and natural pastures. *In: B.H. Dzowela (Ed.).*

- Proc. of the 3rd PANESA Workshop held at Arusha International Conference Centre, Arusha, and Tanzania 27-30 Apr. 1987. pp.112-119. ILCA.
54. Sabiiti, E.N., R.W. Wein and E.L. Edroma 1986. Fire and the productivity of agricultural ecosystems in Uganda. Proceedings of the 8th Soil Science of East Africa General Meeting, Kampala International Conference Centre, 15-19 Dec.1986 pp. 208-212.
 55. Sabiiti, E.N., R.W. Wein & E.L. Edroma 1991. Fire and browsing effects on the biology of the African Acacia species. A review. *In*: F.B. Kayanja & E.L. Edroma (Eds). African wildlife: Research and Management. Intern. Council for Scientific Unions, pp 28-29.
 56. Sabiiti, E.N. 1984. Evaluation of *Indigofera hirsuta* in association with *Chloris gayana* Kunth under grazing in Uganda. *In*: J. C. Tothill and J.J. Mott (Eds). The ecology and management of the world's savannas, pp.288-290. Aust. Acad. of Science, Canberra

PROFESSIONALLY RECOGNIZED PUBLISHED BOOKS Author or Coauthor

1. Sabiiti, E.N. S. Katurumunda and A.Kitakweba. 2010. Agriculture: Principles and Practices Agriculture for Schools and Colleges: Crop Production.pp374. Fountain Publishers, Kampala, Uganda.
2. Sabiiti, E.N., S. Katurumunda and A.Kitakweba. 2010. Agriculture: Principles and Practices Agriculture for Schools and Colleges: Animal Production.pp278. Fountain Publishers, Kampala, Uganda.
3. Sabiiti, E.N., S. Katurumunda and A.Kitakweba. 2010. Agriculture: Principles and Practices Agriculture for Schools and Colleges: Farm Structures, Machinery and Agricultural Economics.pp297. Fountain Publishers, Kampala, Uganda
4. Sabiiti, E.N. and T. Teka (eds). 2004. Dryland husbandry in Uganda: Community participation and Development. DHP Publications –OSSREA, Addis Ababa.
5. Indigenous Knowledge in Ethno veterinary Medicine in South West Uganda.Eds. E.Katunguuka - Rwakishaya, S.K.Nalule and **E.N.Sabiiti**. DHP Publications. No.9. OSSREA, Addis Ababa. March 2004. ISSN 1608-8891.
6. Realizing the Promise & Potential of African Agriculture: Science & Technology Strategies for Improving Agricultural productivity and food security in Africa by Inter Academy Council – June 2004. ISBN 90-6984-418-4. PP266. IAC. The Netherlands. **Co-author**

Chapters in books

1. Sabiiti, E N ,S K Mugasi and S Katurumunda. 2008. Forage production and management in Dryland Areas of Uganda. *In* Crop and forage Production Using saline Waters. Eds. M Kafi and M Ajmal Khan. Day Publishing House. Delhi. Centre for Science and Technology of the Non Alligned and other Developing Countries(NAM and T Centre. Pp265-273.

2. Sabiiti, E.N. 2001. Pastures and Range Management. In Agriculture in Uganda: Livestock and Fisheries. J. Mukiibi (Ed). Vol. IV. pp 237-297. *Fountain Publishers/CTA/NARO*
3. Sabiiti, E.N., R.W. Wein & E.L. Edroma 1991. Fire and browsing effects on the biology of the African Acacia species. A review. In: F.B. Kayanja & E.L. Edroma (Eds). African wildlife: Research and Management. Intern. Council for Scientific Unions, pp 28-29.
4. Sabiiti, E.N. 1984. Evaluation of *Indigofera hirsuta* in association with *Chloris gayana* Kunth under grazing in Uganda. In: J. C. Tohill and J.J. Mott (Eds). The ecology and management of the world's savannas, pp.288-290. Aust. Acad. of).

IV. TEACHING ABILITY AND EXPERIENCE

He has taught both undergraduates and postgraduate students since 1985 to date and I have acquired considerable experiences over the years

Undergraduate Courses:

1. Pasture Agronomy
2. Plant genetic resources and Utilisation
3. Seed Science and Technology
4. Forest Fire Ecology
5. Agricultural Botany
6. Ecology
7. Crop Practical skills

Graduate courses with environmental concepts

1. Agronomy of Grasslands
2. Eco-physiology (**developed and introduced by me**)
3. Seed Science and Technology (**developed and introduced by me**)
4. Plant genetic resources and Utilization (developed and introduced by me)
5. Biodiversity and Sustainable Development
6. Graduate Seminars at Busitema University

V. RESEARCH CARRIED OUT

On-going research at Makerere

1. Development of a prototype for biogas purification and packaging systems, funding from Mak Rif 95 m/= E N Sabiiti (PI); C. Katongole, W. Mambo, Florence Mugaju et.al 2020-2021
2. Developing equations for predicting feed intake by pastoral/agro-pastoral livestock: tackling uncertainty in the Uganda national enteric methane inventory-funding US\$69,988 by Regional Universities Forum for Capacity Building in Agriculture (RUFORUM)/Global Research Alliance on Agricultural Greenhouse Gases July 2000: C. Bakuyasa Katongole (PhD) (PI), Justine Nambi Kasozi (PhD), M. Nabasirye (PhD), E.N. Sabiiti (PhD) (CO-PI), F.B. Bareeba (PhD).
3. Developing the dry season feeding technologies for different cattle production systems in Uganda funded by Mak Rif at shs 100m/= J. Nambi-Kasozi (PI), C. Katongole, **Elly N Sabiiti (CO-PI)**, F.B. Bareeba, A. Kigozi 2020-2021

4. Securing Water Supplies – Participatory Groundwater Monitoring and Management in Botswana and Uganda funded \$10,000 by Australia-Africa Universities Network Partnership Research & Development Fund (PRDF) 2019 : (i) Western Sydney University: Professor Basant Maheshwari, Dr Dharma Hagare & Assoc. Prof. Maria Varua Africa: (i) University of Botswana: Professor Piet Kenabatho and Dr Ditiro Moalafhi (ii) **Makerere University, Professor Elly Sabiiti (CO-PI)** and Assoc. Prof Ali Basamba Twaha Ateenyi. The first grant is to enable the team develop a bigger project for funding 2020/2022

Research projects which won grants

1. Developing dry season feeding technologies for different cattle production systems in Uganda (CO-PI). Funded by MakRif 100,000,000/= Nov2019 to Dec 2020. J.Nambi-Kasozi, C.Katongole, Elly N Sabiiti, F. B.Bareeba.
2. Operationalization of the Centre of Excellence in Waste Management .E N Sabiiti PI US\$50,000 2015-20/21-on going with local funding
3. Adaptation of small scale biogas digesters for use in rural households in Sub Saharan Africa – Afri-Flame(Funded by African Union Commission) CO-PI US\$900,000, 2012- 2017
4. Enhancing Efficiency in Agricultural Waste Utilisation and management funded by Sida/SAREC and Bank of Uganda, Makerere University PI US\$135,846 ,2010 -2017. Completed.
5. Strengthening East African Resilience and Climate Change Adaptation Capacity through Training Research and Policy Interventions (SEARCCA) funded by Rockefeller Foundation (CO-PI) US\$400,000,2011-2016-completed
6. Strategies for Managing Water Quality and Sustaining Food and Fodder, Production with Application of Animal Manure in Peri Urban Areas funded by Western University of Sydney, Australia,(CO-PI)AU \$ 216,000;2017-2021-**on-going**
7. Developing Sustainable Agricultural Production Systems through Ecological Resource management and value Addition funded by sida/SAREC 2010-2015 (US\$1.3m). Three PhD and 3 MSC students are being trained. Completed
8. Enhancing Efficiency in Agricultural Waste Utilisation and management funded by Sida/SAREC and Bank of Uganda 2010-2015 (US\$135,846).
9. Knowledge Assessment on Climate Change and Urban/Urban food production in Kampala funded by START based at University of Dar es Salaam 2011-2014 (US\$30,000).
10. The Screening of Forages for Drought Tolerance for Climate Change in the Drylands of Uganda 2011-2014 funded by Rockefeller Foundation (US\$30,000)
11. The Potential of Small Scale Biogas Digesters to Improve Livelihoods and Long Term Sustainability of Ecosystems Services in Sub Saharan Africa 2011-2012 funded by DFID(Pounds 199,896) –**Co-Investigator/Supervisor** for International MSC student Measuring Resource Efficiency(Pounds71,890) for Makerere.
12. Strengthening East African Resilience and Climate Change Adaptation Capacity through Training Research and Policy Interventions (SEARCCA) 2011-2015 funded by Rockefeller Foundation(Co-investigator/Advisory Committee member for the project) (US\$400,000)
13. Establishing transitional stages from peasantry to commercial agriculture in Uganda. E.N. Sabiiti, J. Mugisha, M. Nabasirye and T. Mugisa. 2004- On going. US\$ 24,000. Funded by I@mak.com
14. The impact of cattle manure application on productivity of the peri-urban small holder crop-livestock production systems E.N. Sabiiti (Principal Investigator), M. Bekunda, J. Mugisha and P. Ngategize - by Rockefeller Foundation 2002 on going (US\$69,700).

15. Urban/Peri-urban crop-waste utilization for crop/livestock production systems -E.N. Sabiiti & S. Ledin -Sida/SAREC, 2000-2001 (SEK730, 000). This supported one PhD student and equipment.
16. Urban/peri-urban crop-waste utilisation for crop/livestock production systems in Lake Victoria Crescent Region -E.N. Sabiiti & S. Ledin, S. Kyamanywa, J.S. Tenywa & J. Mugisha - Sida/SAREC, 2002-2005 (SEK 2,780,000). This was upgraded to support four PhD students, small grants & equipment .The four PhD students' submitted theses.
17. Urban/peri-urban crop-waste utilization for crop/livestock production systems in Lake Victoria Crescent Region -E.N. Sabiiti & S. Ledin, S. Kyamanywa, J.S. Tenywa & J. Mugisha - Sida/SAREC, 2005-2009(SEK 2,500,000).
18. Dryland Husbandry Project in the Pastoral Production Systems. E.N. Sabiiti -Principal Researcher from October 1996-2003 funded by Sida/SAREC/OSSREA - (US\$300,000).
19. Integrating Forage Legumes in maize/elephant grass systems for optimizing peri-urban small-scale dairy farming. E.N. Sabiiti, J.S. Mugerwa, P. Ngategize, S. Kyeyune and S. Staal funded by Rockefeller Foundation from April 1997 – 2000 (US\$73,000).
20. Testing of new forage legumes for seed production potential in Uganda. E.N. Sabiiti and J.S. Mugerwa funded by FAO, Rome from 1992-1998 (US\$45,000).
21. Sorghum, Finger millet and pigeon pea germplasm collection in Uganda. E.N. Sabiiti, V.G. Reddy, P. Remanandan and M.H. Mengesha 1993. Funded by ICRISAT. US\$25,000

Research in pipeline

1.The Need for Capacity Building for MSc Degree Programme in Solid Waste Management

at Busitema University:A Joint Partnership with Incheon National University, Republic of Korea

Prof. Elly N. Sabiiti,Ph.D, Faculty of Natural Resources and Environmental Sciences

Busitema University, Uganda
 elly.sabiiti@gmail.com

Prof. Heekwan Lee, Ph.D.
 Department of Environmental Engineering,
 Incheon National University,
 Republic of Korea

VI. SUPERVISION OF STUDENTS RESEARCH (TO COMPLETION/ON-GOING

Ph D Students (7) completed

1. Shamim Aryampa 18837689@student.westernsydney 1997. PhD, “A Framework for Assessing the Ecological Sustainability of Waste Disposal Sites in Urban Areas”. Graduated April 2022.
2. S. Katurumunda. 2011. Impact of cattle manure application on productivity of the peri-urban smallholder crop-livestock production systems. PhD. Graduated in Jan 2011
3. C Katongole 2010. Developing Urban Market Crop Wastes as feed Rations for meat goats in Uganda-PhD Graduated 2010
4. J. Nambi - Performance of dairy cows fed urban market crop wastes, PhD Graduated 2009
5. Okello, S. (2005). Analysis of factors affecting milk yield of Ankole cows grazed on natural range pastures in Uganda. PhD Thesis, Makerere University. Graduated 2005.
6. H. Kato. 2005. The potential of ensiled browse/maize forage mixtures of *Calliandra*, *Gliricidia* and *Leucaena* for dairy cattle feeding PhD 2005. (Graduated 2005)

7. Mpairwe, D. 1999. Integration of forage legumes with cereal crops for improved grain yield, forage production and utilization for smallholder dairy production systems. Ph.D. Thesis, Makerere University, Kampala. (Graduated in Jan. 1999).

MSC Students (25) completed

1. Nakamya , N, 2014-2016 Measurements of household air quality in small holder housing using biodigestors in Ethiopia. Graduated 2018
2. Nalukwago, S .2016. Measurements of household gases and nutrients in bio-digesters in small scale farms. Graduated 2017
3. Yiga, V. 2014-2016. Assessment of the Effectiveness of the Indigenous Microorganisms (IMO) Approach for Piggery Productivity on the Quality of the Surrounding Environment. Funded by ILRI. Graduated 2018.
4. Godwin Nkwasiwe . MSC. 2018. Morphological Characterisation of Yam Bean in Uganda. Graduated 2015.
5. Semiyaga Swaib 2011/HD08/2988U MSC Graduated 2014
6. Mugerwa, S 2009. Effect of Season, Reseeding, Fencing and Use of Cattle manure on Pasture productivity in Degraded Rangelands. Graduated 2009.
7. P. Busingye. 2004. Optimal use of feed resources for zero grazing dairy production enterprises in Wakiso District, Master of Agribusiness Management. (Graduated in 2004).
8. Y. Mbabwine. Assessment of Plant Genetic Resources Status in Kabale Agro biodiversity zone. M.Sc. Crop Science (Graduated 2005).
9. I. Muhereza. Social Economic evaluation of cattle manure application in peri-urban smallholder farming systems. M.Sc. (Graduated 2005)
10. R. Kalibala. Effects of pests on biomass production of *Lablab purpureus* cv Rongai in crop/livestock farming systems. M.Sc. (graduated in 2003).
11. Katurumunda, S. Compatibility and productivity of forage legumes with maize and elephant grass (*Pennisetum purpureum*) in peri-urban smallholder crop-livestock production systems. (Graduated in 2001).
12. Kasyaba, A. The role of Extension services on Quality Improvement of Hides and Skins in Bushenyi District, M.Sc. Thesis, MU (graduated in January, 1997). M Sc.
13. Mugisa, T. An economic evaluation of integrating forage legumes into Napier grass/maize systems. A case for zero grazing. (Graduated in 2002).
14. Tumutegyereize, K. Comparative Analysis of Zero-grazing and other dairy production systems in the peri-urban areas of Kampala. (Graduated in 1998). M Sc.
15. Luseesa - Influence of production and post-harvest management systems on bean and maize seed quality in Uganda M.Sc. (Graduated in March 2004).
16. S. Mugasi - Economic analysis of bush encroachment on pastoral production systems. M.Sc. 1999 (Graduated in 1999).
17. J.K. Beyunga - Evaluation of Napier grass for animal production. (Graduated in 1997). M Sc.
18. Kibuuka-Kironde- Management of grass/legumes for animal production. (Graduated in 1999). M Sc.
19. J.W. Muwanga - An economic analysis of Zero-grazing Dairy Production System in Uganda, 1993. (Graduated in 1996.) M Sc.
20. Eve Luvumu - Development of alternative fodder grass - *Setaria splendida*. (Graduated in 1999). M Sc.
21. E. Kyagaba - Utilization of indigenous knowledge in burning range resources for pastoral grazing, 1993, Univ. of Nairobi, Kenya. (Graduated in 1998). M Sc.
22. J. Kabirizi - Productivity and the feeding value of *Lablab purpureus*, (Graduated in 1997).

M Sc.

23. S.N. Mwebaze - Biomass production of maize and millet intercropped with selected forage legumes. (Graduated in 1997). M Sc.
24. D. Mpairwe - Evaluation of *Gliricidia sepium* as feed for ruminant production. (Graduated in 1995). M Sc.
25. P. Lusembo- Agronomic studies of forage legumes for seed production in Uganda (Graduated in 1995). M Sc.

On-going Graduate Supervision at Makerere University

- i) Mary Tibeziinda. 2011/HD02/18327U. Strategies for Enhancing Livestock Feed Availability and Utilization in Agro-Pastoral Production Systems. PhD Progressing 2020/2021(Mak)- One paper published in international Journal.
- ii) Regina Nabisubi 2010/HD02/3430 U. Effect of seasonal variations on the Productivity and Persistence of Forage Plants in Dryland -agro Systems of Uganda, MSC Progressing 2020(Mak)
- iv) He supervised over 50 undergraduate student special projects to completion since 1985.

On-going Graduate Supervision at Busitema University

1. Aol Everlyne (BU/GS19/MCC/28) Gender participation in agroforestry in West Budama North Constituency, Tororo District 1. Prof. Sabiiti E.N 2. Dr. Nakiyemba Alice
2. Bako Florence (BU/GS19/MCC/13) Evaluation of climate change adaptation strategies among pastoralists in Moruita Sub County, Nakapiripirit District 1. Prof. Sabiiti E.N 2. Assoc. Prof. Mwanja Wilson Waiswa
3. Kato Joseph (BU/GS19/MCC/15) Environmental effects of biomass use in Palorinya Refugee Settlement Camp, Obongi District 1. Prof. Sabiiti E.N 2. Dr. Biira Saphina
4. Mujuni Godfrey Rwamahe (BU/GS19/MCC/34) Assessing the vulnerability of agro-pastoralists to climate change and climate variability in semi-arid areas of Uganda 1. Prof. Sabiiti E.N 2. Dr. Natugonza Vianny
5. Okello Daniel Opio (BU/GS19/MCC/22) Impact of climate change on smallholder farmers in rural areas. A case study of Ongongoja County, Katakwi District 1. Prof. Sabiiti E.N 2. Assoc. Prof. Mwanja Wilson Waiswa.

VII. OTHER ACADEMIC ACTIVITIES

Some examples of experiences in policy formulation, institutional development, management

1. Appointed by Makerere University Senate as **ORATOR twice** and presented citations for H E Yoweri Kaguta Museveni for recognition with a Distinguished Authorship Award for writing a dictionary-Katombozi in local language was giving ceremony of Makerere University in 2019 second and when he received his Honorary award of D.LL (Hon. causa)

2010 for his considerable socio-economic development for Society in Uganda and elsewhere .

2. Was nominated by the Minister of Agriculture, Animal Industry and Fisheries and was subsequently appointed by the Board of Directors of ASARECA to be the **1st President of ASARECA General Assembly**, Dec 2011 to Dec 2013. He chaired the 1st ASARECA General Assembly 14-16Dec 2011, at Entebbe, Uganda and the 2nd ASERACA General Assembly in Dec 2013, Bujumbra, Burundi.
3. Appointed member of the Board of Trustees of the Uganda Independence Scholarships Trust Fund March 1999 to date. This is a Presidential Appointment.
4. Appointed Director on the National Agricultural Advisory Services (NAADS) board by the Minister of Agriculture, Animal Industry and Fisheries, 2002 to 2008.
5. Appointed by the Permanent Secretary, Ministry of Education and Sports to serve as Chairman of the Curriculum Subcommittee for the Agricultural Colleges in 2000 that reviewed the curriculum and recommended a- 2 year Diploma instead of three years.
6. Appointed Member on the Task Force on Agricultural Colleges (Bukalasa & Arapai) by the Permanent Secretary, Min. of Education and Sports 1999.
7. Appointed by the Chancellor of Bishop Stuart University, Mbarara as the first Chairman to its Council June 2003 to date and the University got its License in June 2006 and I am still Chairman of Council.
8. Served as Chairman of the Agribusiness Advisory Committee between the Faculty of Agriculture and the Private Sector in Uganda to monitor a new masters degree programme in Agribusiness Management (1999- 2003).
9. Appointed by OSSREA as the National Co-coordinator, Dryland Husbandry Project funded by SIDA. The Faculties of Agriculture and Veterinary Medicine and MAAIF and NARO implemented the project from 1996 –2003.
10. Appointed by the Vice-Chancellor, Makerere University to the MU/Government Committee of 14 that prepared a document on Human Capacity building for decentralization supported by the Rockefeller Foundation in 1999/2000. The project attracted about US\$17M from the Rockefeller Foundation, World Bank and Government of Uganda. The implementation committee now is I@mak.com - Innovations at Makerere Committee.
11. Appointed by Ministry of Education and Sports as member of the Joint Commission for setting up University of Agriculture and environmental Sciences 1995-2002. The university

- has been established and is called Gulu University. I was also chairman of the Curriculum Committee that worked out the academic faculties and programmes.
12. Appointed member Task Force for setting up Agricultural University in the North, by the Prime Minister of Uganda, 1994.
 13. Elected as a member on the Advisory Committee for the Pastoral Information Network Programmes Sept. 1992-1996. Project funded by SAREC and coordinated by the Department of Range Management, Univ. of Nairobi.
 14. Appointed a member by the Minister of Education and sports on National Task Force to prepare a National Agricultural Education strategy document in 2003 which was approved by Cabinet.
 15. Elected the first President of the newly formed Association of Uganda Professional Agriculturalists (ASUPA) 2002.
 16. Faculty Academic Staff representative on the New Senate under the Universities and Tertiary Institutions, Act 2001 since 2002-2015.
 17. Appointed board member of the Uganda National Examinations Board (UNEB) by the Minister of Education and Sports, 2002- to 2005 and was again reappointed on the Board from 2006-2009.
 18. Appointed Chairman of the Committee to formulate a constitution for the newly formed professional Agricultural Association of Uganda, May 2001.
 19. Member of the Management Committee of the National Agricultural Research Organization (NARO) 1995-2003.
 20. Member of the National Forum on the Plan for Modernization of Agriculture 1996-2003.
 21. Member of the National Steering Committee for the Plan for Modernization of Agriculture 1996-2003.
 22. Appointed by the Kampala City Education Officer to be a member on the School Management Committee of Buganda Road P School, May 1999 to 2018.
 23. Appointed by Min. of Agriculture to be Member of the National Steering Committee to Combat Desertification in Uganda, 1997 to 2010.
 24. National Coordinator, Plant Genetic Resources Coordinating Committee, 1992 -1997.

SCHOLARSHIPS, TRAVEL GRANTS AND FELLOWSHIPS

Prof Sabiiti won the prestigious Fulbright Award for African Senior Research Scholars and was hosted by the Ohio State University, Columbus, Ohio, USA from Nov

2015 to Feb 2016 and successfully completed the research program and received a recognition as a Fulbright Scholar. He has received over 100 grants/scholarships/awards/ Fellowships that enabled him to conduct competitive research, publish in International Journals, attend short specialized training courses, conduct professional International study tours, and participated in meetings and presented scientific papers in conferences/workshops/seminars from 1976 to date. He gained considerable teaching, research and educational experiences through these global contacts. .

VIII. SERVICE TO THE UNIVERSITY AND THE COMMUNITY

1. Appointed Coordinator by the Vice Chancellor to coordinate an MOU between Western Sydney University and Makerere University since 2015 on implementation of collaborative research/academic programmes
2. Head, Crop Science Dept– 1993 – 1994 and as Dean, Faculty of Agriculture and Forestry from 1994 – 2003
3. Was appointed Chairperson of the College Curriculum review Committee that mainstreamed Climate change in relevant courses/programmes and initiated a new Curricula in Master of Science in Climate Sciences and short courses. This review led to the establishment of Makerere Climate Change and in research and innovations (MUCCRI).
4. Prof Sabiiti also chaired Faculty Boards (9years) and Senate Science Committee for three years; a committee for considering all science based academic programmes of the University. He served in Senate of Makerere University from 1988 up to 2015 and where he participated in formulating academic policies, vetting programmes, working on several Senate Task Forces in developing University Statute on College systems, Revising Appointments/Promotions policy and on research boards. He Chaired a Senate Search Committee for Principals and Deputy Principals of College of Health Sciences (CHS) as well as the Makerere University Recognition Adhoc Committee which formulated a policy document recognizing outstanding Makerere staff who have served and continue to serve the University. He still serves on the departmental Appointments Committee and School of Agricultural Sciences Committee for postgraduate research.
5. Was appointed by African Commission of the African Union to serve on a jury panel for Nkwame Nkurumah Scientific awards on the Jury panel 2014.
6. Was appointed member of the College restructuring Committee that successfully recommended the merge of several Units to form College of Agricultural and Environmental Sciences (CAES) 2011.
7. Has been appointed several times by the National Council for Higher Education (NCHE) to lead a team of expert in assessing/vetting new Universities wishing to be licensed by the council 2004 to 2015.
8. Appointed by Makerere University Senate as ORATOR and presented citation for H E Yoweri Kaguta Museveni for award of DLL (Hc) during the award giving ceremony of Makerere University in 2010.
9. Appointed by Ministry of Health to be a member on the advisory Committee on Food Quality and health 2009
10. Appointed Chairperson, Faculty of Agriculture Quality Assurance Committee since 2008 to oversee quality of the programmes, Infrastructure, human resources at Makerere University.

11. Appointed by Kvasirsociety (US) a member as an International expert on agricultural sciences of an International think Tank forum on Agenda for new millennium: Think humanity, Think the Planet in Jan 2009 and we had our first meeting in Abu Dhabi, 20-23Jan 2009
12. Was appointed by the Inter Academy Panel as a member on the Global Science education and on the international oversight Committee on science Education 2008
13. Appointed Chairperson for Science Education Standing Committee of the Uganda National Academy of Sciences since 2005. UNAS has been recognized by Government and given A charter by His Excellency the President of the Republic of Uganda in January2009.
14. Reappointed by Vice Chancellor, Makerere University to be on the Innovations CommitteeI@Mak.com to oversee a decentralized project funded by Rockefeller and World bank 2008.
15. Appointed by Vice Chancellor, Makerere University to be on the I@Mak.com Model Village project 2004-2008 committee which has established to Village modekls in Arua and RakaiServing as an Elder on LC1 Executive Committee, Zone 8, Muluka1, Makerere University 2017 to-date.
16. Founder and President of the Association of Uganda Professional Agriculturalists (ASUPA) since 2001.
17. Served as a member of Governors on Makerere College School Board from 2003 to 2009.
18. Patron for Makerere University Land Management Association from 2002 to-date
19. Elected Chairperson of Family Support Association 2009-2013.
20. Patron for Mbarara High School Makerere University Students Association 1994
21. Patron Emeritus Family Support Association, Ltd 2013 to-date
22. Appointed by the Bishop to serve as Church Pillar in Ankole Diocese since 2009
23. Helped our village community to acquire land title for 49 years where they graze cattle and cultivate crops on about 300 acres.
24. Was chairman of Rwempiri Church Community that rebuilt their church and invited the Bishop of Ankole Diocese to consecrate it in 1996.
25. I have made several donations / contributions to a number of churches / schools / community projects.
26. I served as PTA Chairperson and on School Management Committee of Buganda Road Primary School from 1999 to 2018.
27. Member on several national Boards-NAADS,NEMA,UEB, Busistema University Council

IX.MEMBERSHIP IN PROFESSIONAL ORGANISATION

Professor belongs to over 22 professional bodies and a few are listed below

1. Member of the British Grassland Society since 2005
2. Member Fellow of the African Academy of Sciences 2006.
3. Member and founder of the Association of Uganda Professional Agriculturalists (ASUPA) since 2001.
4. Fellow of the Third World Academy of Sciences (TWAS) since 2001.
5. Fellow of the Uganda National Academy of Sciences 2005.
6. Member of the African Crop Science Society since 1994 to date.

7. Member of The Grassland Society of Southern Africa 1998 to date.
8. Member of Soil Conservation Society of Uganda, 1996 to date.
9. Member of the Uganda Society and the Uganda Society Journal Jan. 1994 to date.
10. International Rangeland Congress, April 1991 to-date.
11. International Grassland Congress 1989 to date
12. Tropical Grassland Society of Australia 1993.

X. PROFESSIONAL PRACTICE/OUTREACH SERVICES

I have been involved in professional consultancies both national and Internationally

1. E N Sabiiti, World Bank National Consultant appointed by World Bank to lead a consultancy service on Assessing Agricultural training Institutions that were returned to MAAIF by the Ministry of Education and sports for incorporation in DSIP from Aug to October 2013.
2. N Sabiiti ,Team Leader/Consultant , Dr D Pasipanodya International consultant ; and Allen Kebba Local consult. Consultancy for the Review of the MAAIF Institutional Linkages with its Agencies ,Local Government and other ministries ,Departments and Agencies. Commissioned by MAAIF and funded by DANIDA. Jan 2011.
3. E N Sabiiti , Team Leader/Consultant; Dr D Pasipanodya International consultant ; and Allen Kebba Local consult. 2010. Review of the MAAIF Restructuring and reform Process and Proposals for inclusion in the forthcoming Development and Strategy and Investment Plan GoU 2010. Commissioned by MAAIF.
4. I have been invited three times by His Excellency, President of the Republic of Uganda Y. K. Museveni to give him technical advice on Pasture/range management on his farms/ranches at Rwakitura and Kisozi. During one of the visits I gave a lecture to over 400 pastoralists he had invited to his home on the same topic.
5. Sabiiti, E N and C Musisi 2006. A report on the establishment of Model Villages in Uganda. Funded by I@mak.com Makerere University. The recommendations led to the establishment of two model villages in Rakai and Arua.
6. Realizing the Promise & Potential of African Agriculture: Science & Technology Strategies for Improving Agricultural productivity and food security in Africa by Inter Academy Council – June 2004. The Secretary General of the UN commissioned this study & Professor Sabiiti was one of the 18 International experts on the Inter Academy panel that conducted the study.
7. Sabiiti, E.N. 2004-2006. Technical assistance to formulate a Rangelands Use Policy; Pastoral Code and feasibility study for Rangeland Development and Management Centre. Ministry of Agriculture Animal Industry and Fisheries, Entebbe.
8. Karanja, G.M, and Sabiiti, E.N. (Eds.). 1999. Consultants: Report on Integrated peri-urban dairy production with emphasis on utilization of forage fodder legumes in East E Africa, Embu, Kenya 1999.

OUTREACH SERVICES

I have disseminated several workshops by involving farmers and the public to share my research findings to help them improve their farming practices since I joined Makerere University and a lot of improvements in the livelihoods of farms have been recorded over the years.

XI. INNOVATIONS (PATENTS, DISCOVERY OF A NEW VARIETY OF SEEDS etc

Under etc I have spearheaded the establishment and institutionalization of the first Makerere University Centre of Excellence in Waste Management based in College of Agricultural and Environmental Sciences and it is also the first of its kind in Uganda.

XII. OUTSTANDING ACHIEVEMENTS AT NATIONAL, REGIONAL AND INTERNATIONAL LEVELS

i) National- Professor Sabiiti has been recognized by many local and International Institutions because of his outstanding contributions to science and technology, his leadership skills and community service.

1. Was awarded the highest National award for Civilians- Golden Jubilee Medal by HE the President of the Republic of Uganda for his outstanding contribution in research, teaching, outreach and administration and his loyalty to the Nation on 26th January 2017 during National Celebrations in Masindi, Uganda.

2. Appointed by the Board of Directors of The Association for Strengthening Agricultural Research in Eastern and Central Africa (**ASARECA**) as the 1st President of ASARECA General Assembly, Dec 2011 because of his outstanding contributions in agricultural research and served for two years.

3. Recognized by Makerere University in April 2015 for coordinating very successful research collaboration with Sida financial Support 2000-2015. Received a plaque signed by the Vice Chancellor, Prof J Ddumba.

4. Received Youth Recognition Award 2013 for creating a legacy in Agriculture as academician and former Dean Faculty of Agriculture 1994-2003 by Agency for development and empowerment (A4DE) LTD.

5. Winner of the Presidential Excellence award for Science, technology Education Excellence Award 2008 for outstanding contribution in the understanding of ecological dynamics of rangeland /grasslands and institutional development

6. Winner of the Makerere University Vice Chancellor's Innovations and Academic Excellence Award 2007/2008 for transforming the living conditions of Pastoral communities in Kazo rangelands

7. Received a Certificate of Recognition from Bishop Stuart University, Mbarara for his outstanding and dedicated services to the University as its pioneer chairperson of Council 2009

8. Received recognition award, "**End of Valued Service Award**" from Faculty of Agriculture, 2004 for his exemplary performance as Dean from 1994-2003.

9. Received recognition (**FELLOW**) of the Uganda National Academy of Sciences (UNAS) for exemplary contribution to science and technology, 2004.

10. Received a Certificate of Excellence from the Department of Crop Science in recognition of my leadership as head of Crop Science Department. 2003.

11 .Received recognition award by i@mak.com (Innovations at Makerere Committee) for **excellent work** as a Founder Member, 2002.

12. Received Certificate of **MERIT** from Makerere University Innovations at Makerere Committee in recognition of my contribution to Makerere University Capacity Building Programme for Decentralization.
13. Received recognition award from the Soil Science Society of East Africa for being a **professional farmer** and a strong supporter of conservation of soils 2002.
14. Received Recognition Award from the Faculty of Agriculture, Makerere University for having contributed significantly to the **establishment of the Continuing Agricultural Education Centre (CAEC)** in 2001.
15. Received recognition award-Mbarara High School OB, Mugume Namaani from Mbarara High School for being a **distinguished Old Boy**, 2000.
16. Received Recognition Award-The Order of the Lion from Ntare School for the **Distinguished Service to the School and Society** in 2000.
17. Was awarded **CERTIFICATE OF MERIT** by the Board of the Faculty of Agriculture and Forestry on 15.12.98 in recognition of my excellent academic career and outstanding leadership as Dean in the Faculty. The certificate was signed by the Academic Registrar and Vice-Chancellor of Makerere University.
18. Was awarded a golden plaque by the Faculty of Agriculture - Makerere University, in recognition of his **outstanding leadership** as Dean 1994 - 2003.
19. The Soil Science Society of East Africa recognized Prof Sabiiti together with his wife for outstanding professional practicing in Agriculture and promoting soil Science and management

ii)Regional Recognition

1. Appointed by the President of the African Academy of Sciences as Chairperson for the newly established Commission on Science Education in Africa
2. Elected Fellow in 2007 of the African Academy of Sciences (AAS) based in Nairobi Kenya for his outstanding scientific contribution in agronomy and Ecology.
3. Received recognition award for **Distinguished Service** as Chairman of the National Steering Committee and National Coordinator of the Dryland Husbandry Project, Uganda from 1995-2003 from the Organization for Social Science Research in Eastern and Southern Africa (OSSREA), July 2004.

iii)International

1. Won the **prestigious Fulbright Fellowship** for Senior African Scholars 205/16 offered by USA and was implemented at the Ohio State University and became a Fulbright Scholar 2016 to-date .

2. Elected a **FELLOW** by Governing council of the Academy into The Third World Academy of Sciences (TWAS) 2001.
3. Received recognition award for **extraordinary service to the Inter Academy Council** as a Member of the Panel on Science and Technology Strategies for Improving Agricultural Productivity and food Security in Africa from the Board of Inter Academy Council, The Netherlands, and 27th August 2004.
4. Won the **prestigious Fulbright Fellowship** for Senior African Scholars 1994 offered by USA. **FELLOW** of the Salzburg Seminar 1999-2003 for effectively participating in the EARTH University Project-with EARTH University Project on Sustainability, Education and Management of Change in the Tropics.
5. **Fellow** of the Salzburg Seminar **beyond the University: Shifting Demographics in Higher Education** -2006.
6. Appointed a **TWAS Research Professor** in Dec 2006 for five years by the Academy of Sciences for the developing World (TWAS) Secretariat based in Trieste, Italy and has been hosted by the National University of Rwanda in order to strengthen human capacity for the University and develop strong partnerships in research and training.

XIII. COUNTRIES VISITED ON MISSIONS

- i) **Africa:** Kenya, Tanzania, Malawi, Botswana, Nigeria, Djibouti, Ethiopia, Somali, Mali, Burkina Faso, Zimbabwe, South Africa, Ghana, Morocco, Sudan, Egypt, Senegal, Rwanda, Burundi, Republic of Congo, Brazzaville, Ivory Coast.
- ii) **Overseas:** U.S.A., United Kingdom, Republic of Ireland, Canada, Denmark, Norway, Australia, France, Kuwait, Sweden, Finland, Holland, The Netherlands, Philippines, Hungary, Austria, Israel, Costa Rica, Italy, Thailand, India, United Arab Emirates, China, Chile, Argentina, Brazil and Germany.



Signed by E N Sabiiti----- Date 25th April 2022