

# CURRICULUM VITAE

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## 1.0 PERSONAL PROFILE

<b>Sex</b>	Male
<b>Date of birth</b>	22nd September 1965
<b>Nationality</b>	Ugandan
<b>Marital status</b>	Married
<b>Children</b>	Four

I am an educator, ethnobotanist, and researcher. I am pedagogically proficient and have designed and delivered many university courses. I also have experience in the management and governance of academic institutions. My management skills include the management of capacity building and research projects, including a USD 3 million capacity building grant from NORAD.

My ethnobotanical research interests are aimed at identifying, promoting, and conserving useful plant species. I am also interested in engaging stakeholders in climate change mitigation. I have conducted research covering plant ecology (floristic studies), tree propagation, seedling establishment, tree establishment, and identifying priority species for management and promotion.

I have extensive project management experience spanning more than 20 years. My flagship projects are the building project for climate change mitigation at Makerere University. The second project is that of transforming Busoga University from a private to a public university.

**Key words: Ethnobotany, Ethnopharmacology, Agroforestry, plant domestication, plant ecology, project management**

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## 2.0 EDUCATION

- Ph.D. Ethnobotany, Norwegian University of Life Sciences (NMBU; formerly the Agricultural University of Norway), 29.8.2003.
- M.Sc. in Botany, Makerere University, 1997.
- B.Sc., Makerere University, 1993.
- Certificate in **Forest Carbon Science, Policy and Management**, Michigan State University. 4<sup>th</sup> May 2018.

### 2.1 Other Training

- 03-28 May 2023. Project Management Education for PMP Certification. Certificate of Achievement. Project Management Institute and Crosslinks
- 28 October to 5 November 2015: **First REDD+ Academy for the Africa region**, by the UN-REDD Programme at Calabar, Nigeria.

- February 2014. Turn Down the Heat: Why a 4°C Warmer World Must be Avoided. WORLD BANK/COURSERA MOOC.
- 7 – 13<sup>th</sup> February 2013: **MUTHI clinical trials workshop**. Kampala, Uganda (*Focus on African researchers involved in, or planning to conduct clinical research and development of traditional herbal medicines. It covered the basics of setting research questions, designing protocol, conducting of study, analysing and reporting data*).
- 2-17 July 2012: **Natural Products Chemistry Training and Development** Programme, at Universiti Teknologi Malaysia (UTM), Johor Darul Ta'zim, Malaysia
- 5-17 October 2009: **Social science methods applied to agroforestry**, CIRAD Montpellier, France
- 4 – 9<sup>th</sup> July, 2005: **Introduction to Genstat for experimental data analysis**, Makerere University

### 3.0 TECHNICAL SKILLS

I possess the following technical skills: project management, proposal writing; managing research projects; conducting research, analysing research data and scientific writing; designing of training courses and pedagogy; and organising dissemination and awareness seminars and workshops.

### 4.0 TEACHING EXPERIENCE

- 4<sup>th</sup> October 2010 to present: Professor, Makerere University Department of Environmental Management
- 1 July 2020 to present: Visiting Professor, Busitema University.
- 1<sup>st</sup> November 2007 to 2010. Associate Professor, Makerere University Institute of Environment and Natural Resources
- 1<sup>st</sup> November 2004 to 2007. Senior Lecturer, Department of Botany, Makerere University.
- 20<sup>th</sup> April 1998 to 2004. Lecturer, Botany department, Makerere University.
  - 27<sup>th</sup> November 1995 to April 1998: Assistant Lecturer, Department of Botany, Makerere University.

#### 4.1 Course units responsible for/have been responsible for:

ENR 1107 Lower plants, protists and fern resources; ENR 1202 Higher plant resources; ENR 7222 Biodiversity survey and analysis; CFE 3105: Ethnobotany; ENR 7106: Environment and Development; and Graduate Seminar Series; ENR 8101: Seminar Series 1; ENR 8102: Seminar Series 2. ENR 2301: Field course

#### 4.2 Student supervision

1. Angella Kyobutungi 2023. Assessing The Suitability for Pigeonpea (*Cajanus cajan* [L.] Millsp.) Genotypes Performance Under Climate Change in Uganda.

2. Sharon Kagwisa 2022. Local Community Engagement in Human-Wildlife Conflict Management around Queen Elizabeth National Park in Uganda
3. Nicholas Kiiza. 2021. Water Resource Use and Management in Dodoth East County, Kaabong District, Uganda
4. Antonia Nyamukuru. 2021. Impact of land use and land cover on carbon sequestration and biodiversity in the Cattle corridor of Uganda. PHD project
5. Annet Akatukwasa. 2021. Local Communities' Knowledge, Attitudes and Responses to Forest Use and Conservation in the MSREDD+ Pilot Project Area in Hoima District, Uganda
6. Teddy Nabukwasi. 2021. Assessment of Diversity of Trees on Farmlands in Namanyonyi Sub County.
7. Derick Kisegu. 2021. Determinants of Sustainability of Tree-Planting Groups in Kaliro District
8. Charles Lwanga Tumuhe (2019). Tree Planting Incentives and Stakeholders in the Ugandan Albertine Rift Region
9. Fatuma Mutesi (2019). The Influence of Land Cover Change on Woody Floristics in West Bugwe Central Forest Reserve, Uganda
10. Denis Mutekanga (2019), Determinants of Tree Planting On Private Lands in Mayuge District, Eastern Uganda
11. Joan Nalwoga (2019), Community Attitudes Towards the Conservation of Woody Plant Species in Kyegonza Sub-County, Uganda
12. Mariam Batuusa (2019) Analysis of gender benefit sharing mechanisms around Mt. Elgon National Park forest, eastern Uganda
13. Lydia Bunalema (2017): Phytochemical and anti-TB analysis of selected medicinal plants used in Uganda. PhD thesis.
14. Matia Agaba Mulumba (2017) Land use changes and floristic and structural variations in Mabira Central Forest Reserve, Uganda: implications for the REDD+ strategy. School of Agricultural, Forest and Food Sciences HAFL, Bern University of Applied Sciences – BFH
15. Eneku Adima Gordon (2017) Medicinal Plants and Associated Indigenous Knowledge of the Lugbara in Arua District
16. Sarah Babirye (2016) Management and Conservation of Important Agroforestry Species in Wakiso District, Uganda
17. Emmy Saviour Jakisa (2016) Building Farmers' Resilience to Climate Change Through Agroforestry and Tree Planting in Nebbi District, Uganda
18. Diana Ahebwe (2016) Plant Diversity and Postharvest Practices On Plants at Local Markets in Greater Bushenyi District, South Western Uganda
19. Akankwasah Barirega (2015): The Potential for Commercialisation and Value Chain Improvement of Wild Plants for Livelihood Enhancement and Poverty Reduction in Uganda. PhD Thesis
20. Dorothy Nampanzira (2015): The Potential of Native Browse Species in Improving Productivity of Livestock in the Pastoral Communities of Kamuli District. PhD Thesis
21. Hajara Nakiberu (2014): *Strengthening Climate Change Adaptation and Resilience Among Small Holder Farmers: The Case of Mayuge District in Uganda*

22. Richard Olwa (2013): *Contribution of indigenous fruit trees diversity to food security: a case study of Chegere sub-county rural communities; Apac district.*
23. Robert Louis Mwerera (2013): *Climate Change and Variability Adaptation Strategies among Rural Farming Communities in Two Agro-Ecological Zones of Uganda: Lessons from Humid Highland and Semi-Arid Areas*
24. Alice Nabatanzi (2013): *Assessment of The Nutritive Value Of Selected Wild Food Plants Used By People Living With HIV/AIDS In Mukono District, Uganda*
25. Patricia Adoch (2013): *utilization and conservation of on-farm woody species in post-conflict northern Uganda: a case study of Awach sub-county, Gulu district*
26. Antonia Nyamukuru (2013): *Use and conservation of medicinal plants for HIV/AIDS management in Mpigi district, Uganda*
27. Molly Maria Greger (2012): *Ecological status of medicinal plants in two districts in Uganda*
28. Olanya Peter Bismarck (2012): *Use patterns and ecological status of tree species in Agoro-Agu Central Forest Reserve, Uganda*
29. Patricia Nalumansi (2012): *Identification and Analysis of Nutri-Medicinal Plants Used by Immunocompromised People in Namungalwe Sub County, Iganga District*
30. Richard Nyenje (2012): *The Potential of Farmed Ecosystems To Conserve Biodiversity In Buhaguzi County, Hoima District, Uganda*
31. Yohannes Ewunetie Ayebe (2012): *Economic valuation of medicinal plants of the Mabira Forest Reserve, Uganda. Registered at the University of Copenhagen*
32. Lawrence Onegiu (2012): *Indigenous Knowledge and Conservation Status Of Medicinal Plants Used in Treatment of Human Ailments in Zumbu District, West Nile, Northern Uganda*
33. Paul Walakira (2011): *Impact of industrial effluents on water quality of receiving streams in Nakawa-Ntinda, Uganda*
34. Arthur Arnold Owiny (2011). *Regeneration Level of Indigenous Forest Tree Species Stands in Mt. Otzi Forest Reserve, Moyo District*
35. Sarah Najjuma Namayo (2011) *Conservation of Woody Species On-Farm: A Case Study of Buyanga Sub-County, Iganga District*
36. Atuhe Gilbert (2011) *Impact of *Lantana camara* On Species Composition and Environmental Determinants for Its Invasiveness in Queen Elizabeth National Park*
37. Lydia Bunalema (2011): *Antimycobacterial activity of *Erythrina abyssinica*, *Cryptolepis sanguinolenta* and *Solanum incanum*, medicinal plants used in the treatment of tuberculosis by communities around Lake Victoria*
38. Mary Z. Arinaitwe (2011): *Woody species of Nawaikoke Sub-county, Uganda: an empirical study of the ethnobotany, species composition, population structures, and ecological impacts of harvesting*
39. Richard Louis Labeja (2010) *Important wild food plants of Ikumbya sub-county and their ecological status (MSc)*
40. Juliet Marion Bandaru (2010) *Factors affecting tree planting in Logiri Sub-county, Arua District*
41. Alfred Nyero (2010) *Indigenous Knowledge and Ecological Status of Wild Food Plants in and Around Queen Elizabeth National Park*

42. Irene Nadunga (2010) The Ethnobotany and Conservation Status of Herbal Medicinal Plants Used to Treat Zoonotic Diseases in Mabira Forest Reserve
43. Torunn Stangeland (2010): The conservation of locally threatened medicinal plants (Ph.D. Registered at Norwegian University of Life Sciences)
44. Kazadi Minzangi (2009) Evaluation of the potential of wild plants from Kivu region, Democratic Republic of Congo, as sources of oil
45. Janet Nabwami (2009): Domestication Characteristics for *Toddalia asiatica*.
46. Cécile Hervo (2009): Uses, practices and representations of forest degradation and restoration in Mabira Forest Reserve – Uganda. (Registered at Paris Institute of Technology for Life, Food and Environmental Science exchange student).
47. Jeanne Grade (2008): Ethnobotany of the Karamojong in Uganda (Registered at the Faculty of Bioscience Engineering, Ghent University, Belgium). Ph.D. thesis.
48. Alex Mwabindi (2008): Restoration and conservation of plant diversity in degraded forest landscapes of Uganda: a case study of Mabira forest reserve
49. Ronald Ssimbwa Katerega (2008): Woody Species of Nakiyanja Swamp Forest Relics, Goma Sub-county, Uganda: The Ethnobotany and Ecology.
50. Oline Kleppe (2004) Domestic and Agricultural Water Availability in Bulamogi County, Uganda: Consequences for Rural Livelihoods. M.Sc. Thesis, Department of Natural Resource Management, Agricultural University of Norway (NLH).

#### Ongoing

1. Daniel Mulindwa. From a Forest Reserve to a National Park: Implications for Human-Nature Interactions. A Case of Bwindi Impenetrable National Park. PHD project
2. Edith Nakayenze. Analysis of the Impacts of Collaborative Natural Resource Management on the Livelihoods of the People Neighboring Lake Mburo National Park

#### **Postdoctoral fellows**

1. Ms. Immaculate Nakalembe

Over 50 Undergraduate Special Research Projects have been supervised by me.

#### **4.3 External examiner**

External examiner for Muhimbili University of Health and Allied Sciences, Tanzania 2010 – 2013.

1. Ms. Alemtshay Teka Sahile (Addis Ababa University, Ethiopia): Ethnobotanical study of medicinal plants and the importance of cultural factors in the distribution of medicinal plant knowledge: cross-cultural comparisons in eight districts of Gurage and Silti zones, south central Ethiopia

2. Mr. Tena Regassa Duressa (Addis Ababa University, Ethiopia): Vascular Plant Diversity and Ethnobotanical Study of Medicinal and Wild Edible Plants in Jibat, Gedo and Chilimo Forests, West Shewa Zone of Oromia Region, Ethiopia

#### **4.4 Internal examination (only Ph.D. theses shown)**

1. Ms. Immaculate Nakalembe: Indigenous knowledge, nutritive and antimicrobial properties of wild mushrooms of Bunyoro Sub-region, Uganda.
2. Mr. Dauda Waiswa Batega (2004/HD/2900U): Water pollution, social construction or risk and household burden of disease in Kampala, Uganda: A case study of water use and abatement measures in Kampala.

### **5.0 PUBLICATIONS**

*Scopus h index* = 18, *SCOPUS ID* = 6603091955; ORCID: **0000-0001-9024-9181**; **Researcher ID**: R-8040-2018; Google Scholar i10-index = 47; Google Scholar h-index = 26; Google Scholar Link: <https://scholar.google.com/citations?hl=en&user=vtt0HUgAAAAJ>)

#### **5.1 Articles**

1. Nyamukuru, A., Whitney, C., Tabuti, J.R.S., Esaete, J., Low, M., 2023. Allometric models for aboveground biomass estimation of small trees and shrubs in African savanna ecosystems. *Trees, Forests and People* 11, 100377. <https://doi.org/10.1016/j.tfp.2023.100377>
2. Tabuti, J. R. S., Adoch, E. P., Mawa, C., & Whitney, C. 2022. Priority Species and Management Approaches for Woody Species: A Case Study of Awach Sub-county, Gulu District, Uganda. *Human Ecology*, 50(6), 1115-1127. <https://doi.org/10.1007/s10745-022-00360-2>
3. Kuule, D.A., Ssentongo, B., Magaya, P.J., Mwesigwa, G.Y., Okurut, I.T., Nyombi, K., Egeru, A., **Tabuti**, J.R.S., 2022. Land Use and Land Cover Change Dynamics and Perceived Drivers in Rangeland Areas in Central Uganda. *Land* 11, 1402. <https://doi.org/10.3390/land11091402>
4. Esaete, J., Muwanika, V.B., Musiba, R., Mawa, C., **Tabuti**, J.R.S., 2022. Understorey Seedling Bank in Forest Areas with a Differing Period of Recovery in Mabira Central Forest Reserve, South Central Uganda. *Environmental Management* (2022). <https://doi.org/10.1007/s00267-022-01637-4>
5. Mutesi, F., **Tabuti**, J.R.S., Mfitumukiza, D., 2021. Extent and Rate of Deforestation and Forest Degradation (1986–2016) in West Bugwe Central Forest Reserve, Uganda. *International Journal of Forestry Research* 2021, 8860643. DOI: <https://doi.org/10.1155/2021/8860643>
6. Mawa, C., Babweteera, F., **Tabuti**, J.R.S., Tumusiime, D.M., 2020. Changes in vegetation characteristics following a decade of community forest management in mid-western Uganda. *International Forestry Review* 22 (3): 323-338. DOI: <https://doi.org/10.1505/146554820830405636>

7. Aganyira, K. E., R. Kabumbuli, V. B. Muwanika, J. R. S. **Tabuti**, and D. Sheil. 2020. Determinants of participation in state and private PES projects in Uganda. *Scientific African* 8:e00370. <https://doi.org/10.1016/j.sciaf.2020.e00370>
8. Nyamukuru, A., J.-A. Grytnes, J. R. S. **Tabuti**, and Ø. Totland. 2019. Unfenced Borders Cause Differences in Vegetation and Fauna Between Protected and Unprotected Areas in a Tropical Savanna. *Tropical Conservation Science* 12:1940082919870371.
9. Aganyira, K., Kabumbuli, R., Muwanika, V.B., Nampanzira, D., **Tabuti**, J.R.S., Sheil, D., 2019. Learning from Failure: Lessons from a Forest Based Carbon and Charcoal Project. *International Forestry Review* 21. <https://doi.org/10.1505/146554819825863744>
10. Ssekuubwa, Enock, Vincent B. Muwanika, Josephine Esaete, John R. S. **Tabuti**, and Mnason Tweheyo. 2019. "Colonization of woody seedlings in the understory of actively and passively restored tropical moist forests." *Restoration Ecology* 27 (1):148-157. doi: doi:10.1111/rec.12850.
11. Whitney, C. W., Luedeling, E., Hensel, O., **Tabuti**, J. R. S., Krawinkel, M., Gebauer, J., & Kehlenbeck, K. (2018) The role of homegardens for food and nutrition security in Uganda. *Human Ecology*, 46(4):497–514, <https://doi.org/10.1007/s10745-018-0008-9>
12. Whitney, C. W., Lanzasova, D., Muchiri, C., Shepherd, K. D., Rosenstock, T. S., Krawinkel, M., **Tabuti**, J. R. S., & Luedeling, E. (2018). Probabilistic Decision Tools for Determining Impacts of Agricultural Development Policy on Household Nutrition, *Earth's Future*, 6, 359–372. <https://doi.org/10.1002/2017EF000765>
13. Whitney, C.W., Luedeling, E., Tabuti, J.R.S., Nyamukuru, A., Hensel, O., Gebauer, J., Kehlenbeck, K., 2018. Crop diversity in homegardens of southwest Uganda and its importance for rural livelihoods. *Agriculture and Human Values* 35, 399-424. doi: [10.1007/s10460-017-9835-3](https://doi.org/10.1007/s10460-017-9835-3).
14. Nampanzira, D. K., J. D. Kabasa, C. B. Katongole, S. Okello, and J. R. S. **Tabuti**. 2017. Ameliorative effects of *Ficus* and *Harrisonia* diets on Small East African goat meat yield. *Small Ruminant Research* 153:189-193.
15. Whitney, C. W., J. R. S. **Tabuti**, O. Hensel, C.-H. Yeh, E. Luedeling, and J. Gebauer. 2017. Homegardens and the future of food and nutrition security in southwest Uganda. *Agricultural Systems* 154 (2017) 133–144
16. Kyarikunda, M., A. Nyamukuru, D. Mulindwa, and J. R. S. **Tabuti**. 2017. Agroforestry and Management of Trees in Bunya County, Mayuge District, Uganda. *International Journal of Forestry Research* 2017:9.
17. Nyamukuru, A., J. R. S. **Tabuti**, M. Lamorde, B. Kato, Y. Sekagya, and P. R. Aduma. 2017. Medicinal plants and traditional treatment practices used in the management of HIV/AIDS clients in Mpigi District, Uganda. *Journal of Herbal Medicine* 7:51-58.
18. Bunalema, L., Fotso, G.W., Waako, P., Tabuti, J., Yeboah, S.O., 2017. Potential of *Zanthoxylum leprieurii* as a source of active compounds against drug resistant *Mycobacterium tuberculosis*. *BMC Complementary and Alternative Medicine* 17: 89.
19. Gebauer, J., Whitney, C.W., **Tabuti**, J.R.S., 2016. First record of baobab (*Adansonia digitata* L.) in Uganda. *Genetic Resources and Crop Evolution*, 1-8.
20. Nampanzira, D.K., Kabasa, J.D., Katongole, C.B., Okello, S., **Tabuti**, J.R.S., 2016. Natural gastro properties of *Ficus natalensis*, *Rhus natalensis* and *Harrisonia abyssinica* in native East African goats. *Livestock Science* 187, 31-34.



21. Bunalema, L., **Tabuti**, J., Sekagya, Y., Ogwang, S., Waako, P., 2015. Anti-tubercular activity of *Callistemon citrinus* and *Piptadenistrum africanum* on resistant strains of *Mycobacterium tuberculosis* using Microplate alamar blue assay. *Spatula DD 5*, 235-240.
22. Egeru, A., Wasonga, O., MacOpiyo, L., Mburu, J., **Tabuti**, J.R.S., Majaliwa, M.G.J., 2015. Piospheric influence on forage species composition and abundance in semi-arid Karamoja sub-region, Uganda. *Pastoralism: Research, Policy and Practice* 5:12.
23. Nampanzira, D.K., Kabasa, J.D., Nalule, S.A., Nakalembe, I., **Tabuti**, J.R.S., 2015. Characterization of the goat feeding system among rural small holder farmers in the semi-arid regions of Uganda. *SpringerPlus* 2015, 4:188
24. Nyamukuru, A., Nabatanzi, A., Mpiira, S. and **Tabuti**, J. R. S. 2015. Priority woody species and their management in selected sub-counties of Kiruhura and Arua districts, Uganda. *Ethnobotany Research & Applications* 14:049-061
25. Nyamukuru, A., **Tabuti**, J.R.S., Aduma, P.R. 2014. Propagation and seedling establishment of selected multipurpose woody species of Uganda. *International Journal of Biodiversity Science, Ecosystem Services & Management*.  
<http://dx.doi.org/10.1080/21513732.2014.953584>
26. Galabuzi, C., Eilu, G., Mulugo, L., Kakudidi, E., **Tabuti**, J. R. S., & Sibelet, N. 2014. Strategies for empowering the local people to participate in forest restoration. *Agroforestry Systems* 88 (4), 719-734
27. Bunalema, L., Obakiro, S., **Tabuti**, J.R.S., Waako, P. 2014. Knowledge on plants used traditionally in the treatment of tuberculosis in Uganda. *Journal of Ethnopharmacology* 151, 999-1004.
28. Mpiira S., Kiiza B., Katungi E., **Tabuti** J.R.S., Staver C., Tushemereirwe WK. 2014. Determinants of net savings deposits held in savings and credit cooperatives (SACCO's) in Uganda. *Journal of Economics and International Finance* 6(4), 69-79
29. **Tabuti**, J.R.S., Hassen, I.E., Pateh, U.U., Mahomoodally, M.F., 2014. Recent Advances towards Validating Efficacy and Safety of African Traditional Medicines. *Evidence-Based Complementary and Alternative Medicine* 2014, doi 10.1155/2014/260567.
30. **Tabuti**, J.R.S., Kukunda, C.B., Kaweesi, D., and Kasilo, O.M., 2012. Herbal medicine use in the districts of Nakapiripirit, Pallisa, Kanungu, and Mukono in Uganda. *Journal of Ethnobiology and Ethnomedicine* 8:35
31. **Tabuti** John R.S. 2012. Important Woody Plant Species, their Management and Conservation Status in Balawoli Sub-county, Uganda. *Ethnobotany Research & Applications* 10:269-286
32. **Tabuti**, J. R. S. and Van Damme, P. 2012. Review of indigenous knowledge in Uganda: implications for its promotion. *Afrika Focus* 25 (1): 29-38
33. Kirimuhuzya, C., Bunalema, L., Waako, P., **Tabuti**, J.R.S., Orodho, J., Magadula, J.J., Otieno, N., Okemo, P., 2012. Efficacy of *Cryptolepis sanguinolenta* root extract on slow-growing rifampicin resistant *Mycobacterium tuberculosis*. *Journal of Medicinal Plants Research* 6, 1140-1146.
34. Stangeland, T., **Tabuti**, J., Lye, K.A., 2011. The framework tree species approach to conserve medicinal trees in Uganda. *Agroforestry Systems* 82, 275-284.

35. Bunalema, L., Kirimuhuzya, C., **Tabuti**, J.R.S., Waako , P., Magadula, J.J., Otieno, N., Orodho, J., Okemo, P., 2011. The efficacy of the crude root bark extracts of *Erythrina abyssinica* on Rifampicin Resistant *Mycobacterium tuberculosis*. African Health Sciences 11, 587 - 593.
36. Minzangi, K., A. N. Kaaya, F. Kansiime, J. R. S. **Tabuti**, B. Samvura and O. Grahl-Nielsen. 2011. Fatty acid composition of seed oils from selected wild plants of Kahuzi-Biega National Park and surroundings, Democratic Republic of Congo. African Journal of Food Science 5(4), 219 – 226
37. Minzangi, K., A. N. Kaaya, F. Kansiime, J. R.S. **Tabuti** and B. Samvura (2011). Oil content and physicochemical characteristics of some wild oilseed plants from Kivu region Eastern Democratic Republic of Congo. African Journal of Biotechnology Vol. 10(2), 189-195
38. John R.S. **Tabuti**, Vincent B. Muwanika, Mary Z. Arinaitwe, and Tamara Ticktin (2011) Conservation of Priority Woody Species on Farmlands: A Case Study from Nawaikoke Subcounty, Uganda. Applied Geography 31, 456-462
39. P. Waako, R. N. Nsubuga, P. Sebulime and J. R.S. **Tabuti**. (2010) Practice and prospects of indigenous homestead based approaches to prevention of malaria; a case study of a high malaria transmission area in Uganda. Scientific Research and Essays 5 (24): 3950-3954
40. Lamorde, M., **Tabuti**, J.R.S., Obua, C., Kukunda, C.B., Lanyero, H., Byakika-Kibwika, P., Bbosa, G.S., Lubega, A., Ogwal-Okeng, J., Ryan, M., Waako, P.J., Merry, C., 2010. Medicinal plants used by traditional medicine practitioners for the treatment of HIV/AIDS and related ailments in Uganda. Journal of Ethnopharmacology 130 (1): 43-53
41. **Tabuti**, J.R.S., Kukunda, C.B. and Waako, P.J., 2010. Medicinal plants used by traditional medicine practitioners in the treatment of tuberculosis and related ailments in Uganda. Journal of Ethnopharmacology 127, 130–136.
42. Gradé Jeanne, Robert Weladji, John **Tabuti** and Patrick Van Damme (2009). Healer-driven ethnoveterinary knowledge diffusion among semi-nomadic pastoralists in Karamoja, Uganda. Afrika Focus 22(1): 57-75
43. **Tabuti**, J.R.S. and Lye, L.A. (2009). Fodder plants for cattle in Bulamogi, Uganda. African Monograph Series 30(3): 161-170.
44. J.R.S. **Tabuti**, T. Ticktin, M.Z. Arinaitwe and V.B. Muwanika (2009). Community attitudes and preferences towards woody species and their implications for conservation in Nawaikoke Sub-county, Uganda. Oryx 43(3): 393–402
45. J.T. Gradé, J.R.S. **Tabuti**, P. Van Damme (2009) Ethnoveterinary knowledge in pastoral Karamoja, Uganda. Journal of Ethnopharmacology, 122 (2): 273-293
46. J. T. Gradé, John R. S. **Tabuti** and Patrick Van Damme (2009) Four Footed Pharmacists: Indications of Self-Medicating Livestock in Karamoja, Uganda. Economic Botany, 63(1), 29–42.
47. **Tabuti** J. R.S. (2008). Herbal medicines used in the treatment of malaria in Budiope County, Uganda. Journal of Ethnopharmacology 116:33-42.
48. Torunn Stangeland, John R. S. **Tabuti** and Kåre A. Lye. (2007). The influence of light and temperature on the germination of two Ugandan medicinal trees. African Journal of Ecology 46, 565–571

49. Gradé, J.T., J.R.S. **Tabuti**, P. Van Damme & B.L. Arble. 2007. Deworming efficacy of *Albizia anthelmintica* in Uganda: preliminary findings. *African Journal of Ecology*, 45 (Suppl. 3), 18–20.
50. Katuura E., Waako P., **Tabuti** J.R.S., Bukenya-Ziraba R. & Ogwal-Okeng J. 2007. Antiplasmodial Activity of Extracts of Selected Medicinal Plants Used by Local Communities in Western Uganda for Treatment of Malaria. *African Journal of Ecology*, 45 (Suppl. 3), 94–98
51. Mucunguzi, P., J. Kasenene, J. Midgley, P. Ssegawa and J.R.S. **Tabuti**. 2007. Distinguishing forest tree communities in Kibale National Park, western Uganda using ordination and classification methods. *African Journal of Ecology*, 45, (Suppl. 3) 99–108
52. **Tabuti**, J.R.S. and Mugula, B.B. 2007. The ethnobotany and ecological status of *Albizia coriaria* Welw. ex Oliv. in Buwagi and Namizi parishes, Uganda. *African Journal of Ecology*, 45 (Suppl. 3), 126–129.
53. **Tabuti**, J.R.S. 2007. The uses, local perceptions and ecological status of 16 woody species of Gadumire Sub-county, Uganda. *Biodiversity & Conservation*, 16: 1901-1915.
54. **Tabuti**, J.R.S. 2007. Status of non-cultivated food plants in Bulamogi County, Uganda. *African Journal of Ecology* 45 (Suppl. 1), 96-101.
55. J. Nabwami., J. Tabuti & M.A. Bekunda. 2007. Characterization of the natural habitat of *Toddalia asiatica* in the Lake Victoria basin: soil characteristics and seedling establishment. *African Crop Science Conference Proceedings* 8: 2057-2061
56. J.R.S. **Tabuti**, S.S. Dhillion and L.A. Lye. 2004. The status of wild food plants in Bulamogi County, Uganda. *International Journal of Food Sciences and Nutrition* 55(6): 485-498.
57. **Tabuti**, J. R. S. 2004. The traditional medicine practitioners (TMPs) and attitudes of the rural community of Bulamogi County (Uganda) towards traditional medicine: preliminary findings. *African Journal of Ecology* 42 (Suppl. 1), 40-41.
58. **Tabuti** John R.S., Dhillion Shivcharn S., and Lye Kaare A., 2003. Ethnoveterinary medicines for cattle (*Bos indicus*) in Bulamogi county, Uganda: plant species and mode of use. *Journal of Ethnopharmacology* 88, 279-286.
59. **Tabuti**, J.R.S., Dhillion, S.S. and Lye, K.A., 2003. Fuelwood use in Bulamogi County, Uganda: species harvested and consumption patterns. *Biomass & Bioenergy* 25 (6): 581-596.
60. **Tabuti** J.R.S., Lye, K.A., and Dhillion, S.S., 2003. Traditional herbal drugs of Bulamogi, Uganda: plants, use and administration. *Journal of Ethnopharmacology* 88, 19-44.
61. **Tabuti**, J.R.S., Dhillion, S.S. and Lye, K.A., 2003. Traditional medicine in Bulamogi county, Uganda: its practitioners, users and viability. *Journal of Ethnopharmacology* 85, 119-129.
62. Bukenya-Ziraba, R., **Tabuti**, J.R.S., Schippers, R., Ssentenza, J. and Fereday, N. 1999. Socio-economic importance of indigenous vegetables in the peri-urban area of Kampala (Uganda). *Lidia* 4(5), 121-132.
63. **Tabuti**, J.R.S., Oryem-Origa, H., Mutumba, G.M. and Kashambuzi, J.T. 1998. Partitioning of soluble calcium in the water hyacinth (*Eichhornia crassipes* (Martius) Solms), in Lake Victoria, Uganda. *Bot. Acta* 111, 297 – 302.

## 5.2 Book and Book Chapters

1. Kisegu, D., Kagaha, D., Whitney, C., **Tabuti**, J.R.S., 2019. Contribution of Smallholder Tree Growers to Increasing Tree Cover in Kaliro District. In: Bamutaze, Y., Kyamanywa, S., Singh, B., Nabanoga, G., Lal, R. (Eds.), *Agriculture and Ecosystem Resilience in Sub Saharan Africa: Livelihood Pathways under Changing Climate*. Springer, Cham, pp. 417-433.
2. Nampanzira, D., Katongole, C.B., Muwanika, V.B., **Tabuti**, J.R.S., 2019. Are Livestock Keepers in and Around Forests Key Stakeholders in Forest Management? Experiences from Mabira Central Forest Reserve, Uganda. In: Bamutaze, Y., Kyamanywa, S., Singh, B., Nabanoga, G., Lal, R. (Eds.), *Agriculture and Ecosystem Resilience in Sub Saharan Africa: Livelihood Pathways Under Changing Climate*. Springer, Cham, pp. 343-355.
3. Olupot, G., Otukey, J.R., Muwanika, V.B., Esaete, J., **Tabuti**, J.R.S., 2017. Conversion of native vegetation in protected areas fuels CO<sub>2</sub>-equivalent losses in Uganda. In: Mukul, S.A., Rashid, A.Z.M.M. (Eds.), *Protected Areas: Policies, Management and Future Directions*. Nova Science Publishers New York, pp. 179-202.
4. **Tabuti**, J.R.S., Egeru, A., Jakisa, E., 2016. Role of culture and gender in shaping rangeland management and adaptation. In: Yanda, P.Z., Mung'ong'o, C.G. (Eds.), *Pastoralism and climate change in East Africa*. Mkuki na Nyota, Dar es Salaam, pp. 87-105.
5. Egeru, A., Nandozi, C., Kyobutungi, A., **Tabuti**, J.R.S., 2016. Dimensions of vulnerability to climate change and variability in pastoral production systems of East Africa. In: Yanda, P.Z., Mung'ong'o, C.G. (Eds.), *Pastoralism and climate change in East Africa*. Mkuki na Nyota, Dar es Salaam, pp. 69-85.
6. **Tabuti**, J.R.S., Nyamukuru, A., Lamorde, M., 2014 Plant Medicines Used in the Treatment of Malaria. In: Gurib-Fakim, A. (Ed.), *Novel Plant Bioresources: Applications in Food, Medicine and Cosmetics*. John Wiley & Sons, Ltd, pp. 175-178.
7. Gradé, J. T., J. R. S. **Tabuti**, and P. Van Damme. 2009. Building institutions for endogenous development: using local knowledge as a bridge. Pages 255-266 in P. C. Sanginga, A. Waters-Bayer, S. Kaaria, J. Njuki, and C. Wettasinha editors. *Innovation Africa: Enriching Farmers' Livelihoods*. Earthscan and Sterling, VA, London
8. Lye, K. A., Bukenya-Ziraba, R., **Tabuti**, J.R.S. & Waako, P.J. 2008. *Botanical-Medicinal Dictionary for East Africa*. Makerere Herbarium Handbook no. 2. Department of Botany, Makerere University, Kampala, Uganda.
9. Tabuti, J.R.S. (2013). *Zanthoxylum chalybeum*. In: Schmelzer, G.H. & Gurib-Fakim, A. (Editors). *Plant Resources of Tropical Africa 11(2). Medicinal Plants 1*. PROTA Foundation, Wageningen, Netherlands/Backhuys Publishers, Leiden, Netherlands/CTA, Wageningen, Netherlands. pp. 274-278
10. Tabuti, J.R.S. (2013). *Zanthoxylum lepreurii*. In: Schmelzer, G.H. & Gurib-Fakim, A. (Editors). *Plant Resources of Tropical Africa 11(2). Medicinal Plants 1*. PROTA Foundation, Wageningen, Netherlands/Backhuys Publishers, Leiden, Netherlands/CTA, Wageningen, Netherlands. pp. 279-282
11. Tabuti, J.R.S. (2013). *Zanthoxylum rubescens*. In: Schmelzer, G.H. & Gurib-Fakim, A. (Editors). *Plant Resources of Tropical Africa 11(2). Medicinal Plants 1*. PROTA

- Foundation, Wageningen, Netherlands/Backhuys Publishers, Leiden, Netherlands/CTA, Wageningen, Netherlands. pp. 283-285
12. **Tabuti**, J.R.S. (2008). *Senna didymobotrya*. In: Schmelzer, G.H. & Gurib-Fakim, A. (Editors). Plant Resources of Tropical Africa 11(1). Medicinal Plants 1. PROTA Foundation, Wageningen, Netherlands/Backhuys Publishers, Leiden, Netherlands/CTA, Wageningen, Netherlands. pp. 505-508
  13. **Tabuti**, J.R.S. (2008). *Flueggea virosa*. In: Schmelzer, G.H. & Gurib-Fakim, A. (Editors). Plant Resources of Tropical Africa 11(1). Medicinal Plants 1. PROTA Foundation, Wageningen, Netherlands/Backhuys Publishers, Leiden, Netherlands/CTA, Wageningen, Netherlands. pp. 305-308
  14. **Tabuti**, J.R.S. (2008). *Euphorbia hirta*. In: Schmelzer, G.H. & Gurib-Fakim, A. (Editors). Plant Resources of Tropical Africa 11(1). Medicinal Plants 1. PROTA Foundation, Wageningen, Netherlands/Backhuys Publishers, Leiden, Netherlands/CTA, Wageningen, Netherlands. pp. 267-271.
  15. **Tabuti**, J. R. S. 2006. Traditional knowledge in Bulamogi County - Uganda: Importance to sustainable livelihoods, p 98-105. In D. Millar, S. B. Kendie, A. A. Apusigah, and B. Haverkort, editors. African Knowledge and Sciences: Understanding and supporting the ways of knowing in Sub-Saharan Africa. CTA, Bolgatanga U/R Region, Ghana, CTA.

### **5.3 Conference papers/posters**

1. Kyobutungi, A., Obala, J., Kayendeke, E., Muwanika, V., Whitney, C., **Tabuti**, J.R.S., 2020. Land Suitability and Socioeconomic Factors for Pigeonpea Cultivation in Uganda. In: Tielkes, E. (Ed.), Tropentag 2020: Food and nutrition security and its resilience to global crises. Tropentag 2020, Virtual Conference.
2. Mutesi, F., Mfitumukiza, D., Whitney, C., **Tabuti**, J.R.S., 2020. Extent and Rate of Deforestation in West Bugwe Central Forest Reserve, Uganda. In: Tielkes, E. (Ed.), Tropentag 2020: Food and nutrition security and its resilience to global crises. Tropentag 2020, Virtual Conference.
3. **Tabuti**, J.R.S. 2009. Intellectual Property Rights for Traditional Knowledge associated with Plant Resources. Intellectual Property Rights sensitization Workshop, Protea Hotel, Kampala, 23rd April 2009
4. **Tabuti**, J.R.S. 2005. Validation of some medicinal plants of Gadumire Sub-county, Uganda: the efficacy of plants used to treat diarrhoea and skin diseases. Plant Sciences Conference, Kampala, Uganda.
5. **Tabuti**, J.R.S. 2004. Validation of the efficacy of the medicinal plants used to treat diarrhea and skin diseases in Gadumire Sub-county, Uganda. Paper presented at the 9<sup>th</sup> International Congress of Ethnobiology, University of Kent, Canterbury.
6. **Tabuti**, J.R.S., Dhillion, S.S. and Lye, L.A. 2002. Plants in traditional medicine: their sustainable use, conservation, and trade in Bulamogi, Uganda. In proceedings of the International symposium on medicinal plants, health and environment/International workshop on sustainable trade and conservation of medicinal plants, Rabat, Morocco.
7. **Tabuti**, J.R.S., Lye, L.A., and Dhillion, S.S. 2002. Plants used as medicines and as food in Bulamogi, Uganda. In proceedings of the International symposium on medicinal plants,

health and environment/International workshop on sustainable trade and conservation of medicinal plants, Rabat, Morocco.

#### **5.4 Newsletters**

1. Tabuti, J.R.S. 2010. Important woody species, their management and conservation status in Uganda: a case study of Balawoli sub-county. NON-WOOD NEWS No. 21 October 2010, p 56-57
2. Tabuti J.R.S. 2006. *Mondia whitei*, a socio-economically important plant. Non-wood NEWS 13: April 2006, p8.

#### **5.5 Reports and other publications**

1. Tabuti J. R.S. (2011). Assessment of the Species diversity of Namasagali sub-county. Funded by Dennis Stanfield Memorial Fund.
2. Tabuti J. R.S. (2010). Promoting indigenous scientific knowledge for poverty reduction and sustainable development. Consultancy for the UNESCO Participation Programme through the Uganda National Commission for UNESCO (UNATCOM)
3. Tabuti J. R.S. (2010). Catalogue of some household herbal medicines used in the districts of Nakapiripirit, Pallisa, Kanungu and Mukono
4. Tabuti J. R.S. (2010). Sustainable management of forests on private land through collaborative partnerships with rural communities. Funded by IFS
5. Tabuti J. R.S. (2010). Community Education for the Preservation of Medicinal Plants for Poverty Reduction and Sustainable Development. Consultancy for the UNESCO Participation Programme through the Uganda National Commission for UNESCO (UNATCOM)
6. Orwa, J. A., M. Bekunda, I. J. O Jondiko, R. J. A. Minja, J. Nabwami, and J. R. S. Tabuti. 2010. Handbook on Best Practices for *Toddalia asiatica* Preparation and Sustainable Harvesting. Kenya Medical Research, University of Dar es salaam, Makerere University, Maseno University, VicRes.
7. Nabwami, J., J. R.S. Tabuti, J.A. Orwa, I.J.O Jondiko, R.J.A. Minja and M. Bekunda. 2010. Hand Book on Domestication of *Toddalia asiatica* in the Lake Victoria Basin. Makerere University, University of Dar es salaam, Kenya Medical Research, Maseno University, VicRes.
8. Minja, R.J.A. , J. Tabuti, J.A. Orwa , I.J.O Jondiko and M. Bekunda. 2010. Solar drying of medicinal herbs. University of Dar es salaam, Makerere University, Kenya Medical Research. Maseno University, VicRes.
9. **Tabuti** John R.S. 2006. Herbal medicines used in the treatment of malaria in Uganda: A case study of Budiope County. The Garden Club of America, Makerere University, November 2006
10. P. Waako, J. R.S. **Tabuti**, R. N. Nsubuga and P. Sebulime. 2005. Documentation of traditional methods of controlling malaria in Uganda: pilot study in Bulamogi County. Department of Pharmacology and Therapeutics Makerere University Medical School. Funded by SIDA-Sarec

11. J. R.S. **Tabuti**, J. Kasenene, G. Nabanoga, A. Ssewaya and R. Kabumbuli. 2005. Capacity Building for Natural Resources Conservation for Sustainable Livelihoods at Local Government Levels, in Uganda. I@Mak.com.
12. John R. S. **Tabuti**. 2004. Validation of some medicinal plants of Gadumire sub-county, Uganda: The efficacy of medicinal plants used to treat diarrhea and skin diseases. NUFU medicinal plant project (NUFU-PRO 13/2002), Department of Botany, Makerere University.
13. **Tabuti**, J.R.S. 1998. Useful traditional plants of Gadumire Sub-county, Kamuli district. Report for NUFU small grants. Department of Botany, MUK.
14. **Tabuti**, J .R. S. 2003. Locally Used Plants in Bulamogi County, Uganda: Diversity and Modes of Utilisation. Ph. D. Thesis, Agricultural University of Norway, Ås, Norway.

### ***5.6 Popular talks***

“Herbal plant use in traditional medicine among the Balamogi of Uganda” to the YMCA Oslo.

## **6.0 RESEARCH AND CONSULTANCIES UNDERTAKEN/ONGOING**

### ***Research***

1. 2024-2026: **Advancing Sustainable Agricultural Value Chains through Strengthening Transdisciplinary Skills and Cooperation in East African Doctoral Education** - funded by EU 'Erasmus+'
2. 2023-2026: **Strengthening Education and Research Capacity for enhancing Biodiversity Conservation and sustainable Natural resources use** - funded by DAAD
3. 2022-2026: **Building Capacity for Innovation and Advancement of Climate Smart Agriculture in East and Southern Africa** (NORPART-2021/10543). Team member, Uganda
4. 2019-2020. **Development of a Safe and Efficacious Anti-malarial drug from Traditional medicine (DESAT)**. Funded by Makerere University (UGX 99,707,500)
5. 2013 - 2020: **Building capacity for REDD+ in East Africa for improved ecosystem health and for sustainable livelihoods in Eastern Africa** (UGA-13/0019). NORAD.
6. 2012 – May 2013: **Building Capacity to Reduce Emissions and Conserve the Environment in Uganda** (project No. QZA-0443, UGA-12/0045). NORAD.
7. 2012 – ongoing: **Relationship between development of agroforestry and local knowledge in East African Highlands** (JSPS KAKENHI Grant # 24710298), Collaborator
8. 2012 – 2013: **Carbon sequestration of selected indigenous trees in Uganda’s rural landscapes**. Funded by College of Agricultural and Environmental Sciences (CAES)

9. 2011: Development of policy brief and project proposal. The developed proposal was titled **“Promoting Indigenous knowledge for natural resources management in Uganda”**. Climate Action Network Uganda (CAN-U) & OXFAM, Uganda
10. Dec 2010 – 2011: **Assessment of the Species diversity of Namasagali sub-county**. Funded by Dennis Stanfield Memorial Fund.
11. 2010: **Promoting indigenous scientific knowledge for poverty reduction and sustainable development**. Consultancy for the UNESCO Participation Programme through the Uganda National Commission for UNESCO (UNATCOM)
12. 2015-2019: **Building Knowledge to Support Climate Change Adaptation for Pastoralist Communities in East Africa**. Implemented by Centre for Climate Change Studies (CCCS) of the University of Dar es Salaam. Ugandan Collaborator.
13. 2014 – 2019: **Ecohealth Chair on Human and Animal Health in Protected Ecosystems of Central and Eastern Africa** (IDRC) (collaborator)
14. 2011 - 2013: **Value Chain Analysis And Development Of Plant-Derived Medicinal Products For Management Of Hiv/Aids In The Face Of Climate Change In The Lake Victoria Basin**. Funded by VicRes/IUCEA
15. 2009: **Sustainable management of forests on private land through collaborative partnerships with rural communities**. Funded by IFS
16. October 2008 – Jan 2010: **Community Education for the Preservation of Medicinal Plants for Poverty Reduction and Sustainable Development**. Consultancy for the UNESCO Participation Programme through the Uganda National Commission for UNESCO (UNATCOM)
17. 2008: **Evaluating the efficacy and safety of TB traditional medicines in Uganda**. Funded by WHO
18. January 2006 – 2009: Uganda Work Package Leader **“Traditional ecological knowledge, tree management practices, uses and economic dependency of local population on forests and tree based systems in the context of their degradation”** under the International FOREAIM project (<http://foreaim.cirad.fr/home>).
19. April – November 2006: **Herbal medicines for the treatment of malaria in Kamuli District, Uganda** (Funded by The Garden Club of America).
20. January – August, 2005: Co-researcher on **“Documentation of traditional methods of controlling malaria in Uganda: pilot study in Bulamogi County, Kamuli District”** (Funded by Sida-Sarec).
21. April-August, 2005: Project Leader **“Capacity building for natural resources conservation for sustainable livelihoods at local government levels, in Uganda”** (Funded by I@Mak.com)
22. Aug. 2003 to June 2004: research project entitled **“Validation of medicinal plants of Bulamogi County, Uganda: Part I, Identification of anti-diarrhoeal and skin disease herbal medicines”** (Funded by NUFU-medicinal project).



23. Oct. 2003 to 2005: research project entitled **“Impacts of harvesting on the composition, structure and diversity of selected woody species in Bulamogi County, Uganda”** (Funded by NORAD).
24. June 2006 – 2008: **Woody species of Nawaikoke Sub-county, Uganda: an empirical study of the ethnobotany, species composition, population structures, and ecological impacts of harvesting** (Funded by Makerere Graduate School grant: Mak/2006/0162)
25. 1999 – 2003: **“Locally Used Plants in Bulamogi County, Uganda: Diversity and Modes of Utilisation”** research project. Funded by NUFU-medicinal project/NORAD.
26. April – October, 2001. **“Performance of food crop marketing in Uganda: an empirical investigation.”** Funded by [I@Mak.com](mailto:info@mak.ac.ug).
27. July 1997 to Dec. 1998 and March 1998. Co-Researcher in the Natural Resources Institute, (NRI) of UK project **“Opportunities and Constraints in the production and marketing of indigenous vegetables in East and Central Africa”**.
28. Sept. 1998. **“Useful traditional plants of the Balamogi of Gadumire Sub-county, Kamuli district, Uganda”** research project supported by the Norwegian Universities’ Committee for Development Research and Education (NUFU). Funded by NUFU.
29. 11th - 30th May 1997. Facilitator on a field-training course in Tropical Ecology at Makerere University Biological Field Station (MUBFS), in Kibale National Park.
30. 1995 to 1996: **Partitioning of soluble calcium in the water hyacinth (*Eichhornia crassipes*)**.

### **Consultancies**

1. September - November, 2021: **Review of training compendiums for technical training on forests and climate change adaptation in African forestry**. The International Centre for Research in Agroforestry and African Forest Forum. Contract No. 13018047
2. 2021 (May-July): Undertake studies on **Strengthening Capacity among African Forestry Stakeholders for Implementing REDD+ in Anglophone and Lusophone Africa: Case study of Uganda**. The International Centre for Research in Agroforestry and African Forest Forum. Contract No. 13017134
3. May – September 2020: **Improving the resilience and quality of rural road infrastructure through landslide management and optimisation of road reserve use – Phase 2, Land use and land management practice controls report**, UGA 2150A. Client Cardno Emerging Markets (UK) Ltd. and ICS-Engineering & Environment Limited.
4. 2017: **Assessment of traditional medicine and development of medicinal products from traditional medicine in the EAC partner states**. East African Community (Consultancy)
5. March – May 2015: **Short Term Technical Consultant for the Environment Environmental Management for the Oil Sector Activity** (USAID Contract: AID-617-C-13-00008). The activity was to develop lectures for the Impact of Oil and Gas.
6. 08.12.14 - 07.03.15: **Climate Change Mitigation Expert** for FAO (Project GCP/UGA/041/EC)

7. 2014 – 2016: **Advancement of Safe Natural Products for the Treatment of Malaria.**  
Funded by the OPCW
8. June 2012: Fieldwork Supervisor on the USAID program African and Latin American Resilience to Climate Change.
9. April 2007 – 2010: University consultant for the regional project PFARD- COMPAS UGANDA project.
10. June 2003. Consultancy to inventory vegetables in Kampala markets, for PROTA.

## 7.0 FELLOWSHIPS AND GRANTS

- 2014: Enhancing sustainable rural livelihoods through innovative participatory approaches to reforestation (funded by Biovision)
- 2013: Building capacity for REDD+ in East Africa for improved ecosystem health and for sustainable livelihoods in Eastern Africa (Agreement number UGA-13/0019), supported by NORAD
- 2012: Carbon Sequestration of Selected Indigenous Trees in Uganda's Rural Landscapes (College of Agricultural and Environmental Sciences (CAES)).
- 2010: Assessment of the Species diversity of Namasagali sub-county (Dennis Stanfield Memorial Fund)
- 2009: International Foundation for Science (IFS)
- 2006: Makerere Graduate School grant – Mak/2006/0162
- 2006: Anne S. Catham Fellowship in Medicinal Botany by The Garden Club of America
- 2005: I@mak.com
- 1999: Ph.D. Fellowship by NUFU PRO 13/2002
- 1995-1997: M.Sc. Fellowship by DAAD, Makerere University (4297480235/334400113) and Austrian Embassy (Kampala)

## 8.0 PROFESSIONAL MEMBERSHIP

1. PMI Membership ID: 8424766
2. Society for Economic Botany (Member)
3. Member of the Uganda National REDD+ Technical Committee
4. Member, African Forest Forum (<http://afforum.org/intranet/>), March 2016
5. Council Member, Uganda National Academy of Sciences (UNAS), 24.2.2012
6. Corresponding member of the Royal Academy for Overseas Sciences of Belgium
7. Society for Conservation Biology (SCB) member, id 70035
8. Uganda REDD Working Group
9. Member of the International Society of Ethnobiology. Previous ***Africa Regional representative*** on the ISE Board of 2008 – 2010
10. Member of the Association For the Taxonomic Study of the Flora of Tropical Africa (AETFAT)
11. Member of *NatureUganda*.
12. Member of the Uganda Group of the African Network of Ethnobiology (UGANEB)
13. Member of the East African Wildlife Society.

## 9.0 COMMUNITY OUTREACH

1. Expert Reviewer for the GEO-6 Regional Assessment for Africa<sup>1</sup>.
2. 03-12-13 to date: Chairperson, Governing Council for National Teachers' College Kaliro
3. 2010 – to date: member Uganda REDD Working Group
4. Jan 2014 to 2019: Council member, Uganda National Academy of Sciences
5. 2004: Director and founder member of a local non-government organisation named "Sustainable Use of Plant Diversity".
6. 2007: Founder of the Kaliro Tree Centre, Uganda in collaboration with Torunn Stangeland of the Norwegian University of Life Sciences. The centre propagates tree seedlings.
7. June 2005: represented the Department Botany in the planning meeting for the continuation for the NUFU-medicinal project in Norway
8. 1998 to Dec. 2000, Leader, Plant Working Group (PWG), *NatureUganda*
9. 1997 to 1999: Uganda Group of African Network of Ethnobotany/Ethnoecology (UGANEB). Founding member and Interim General Secretary of the steering committee of the Uganda Group of the African Network of Ethnobotany/Ethno-ecology (UGANEB).
10. 1996 to 1998: Secretary to the Plant Working group (East Africa Natural History Society - Uganda Branch).
11. July 1993 to Sept. 1993: Herbarium Assistant. Makerere University (WWF-International project).

## 10.0 MANAGEMENT AND GOVERNANCE OF ACADEMIC INSTITUTIONS

- 1<sup>st</sup> July 2022 to date: Chairperson Task Force Management Committee for establishing Busoga University and designate Vice-chancellor for Busoga University
- 2022 to date: Member Grants Administration and management Support Unit, Makerere University (GAMSU)
- 2020 to date: Chair Grants and Collaborations Sub-Committee of the Department of Environmental Management
- 2020 to date: Member of the Graduate Academic Matters, Budgets and Expenditure Sub-Committees of the Department of Environmental Management
- 2019 to date: Member Appointments and Promotions Committee Meeting of the School of Forestry, Environment and Geographical Sciences
- 2010 to 2011: Ag. Head, Unit of Rural and Urban Environment, for the Makerere University Institute of Environment and Natural Resources
- 2011 – to date: Member of Academic Board for the College of Agriculture and Environmental Sciences
- 2010 – 2012: Makerere University Infrastructure and Master Plan Review

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<sup>1</sup> UNEP 2016. GEO-6 Regional Assessment for Africa. United Nations Environment Programme, Nairobi, Kenya.

- 2010 – to 2011: Senate Representative for the Makerere University Institute of Environment and Natural Resources
- 2013 to date: Chairperson, Governing Council for National Teachers' College Kaliro
- 2008 – 2011: Representative on the Makerere University Private Sector Forum (MUPSF)
- 2009 – to 2011: In-charge of Library, Makerere University Institute of Environment and Natural Resources
- 2007: member on the Herbarium and Botanical Garden administration committee
- October 2005 - 2007: Coordinator of "Department of Botany Community Outreach Programme"
- 2003 – 2007: Member of the "University Digital Science Library Project" of Makerere University.
- 1998-2007: Chairperson of the Computer Committee of the Department of Botany.

## 11.0 OTHER EXPERIENCE

### 11.1 Workshops, Seminars and Symposia Organised

1. **Development of a Safe and Efficacious Anti-malarial drug from Traditional medicine (DESAT)** at Makerere University. 16th of June, 2021
2. **Biodiversity conservation in the Albertine Rift Region**, 22 – 24th June 2009, Makerere University.
3. **Drug discovery from African Flora**. 12<sup>th</sup> Symposium of the Natural Product Research Network for Eastern and Central Africa (NAPRECA) 2007, Hotel African, Kampala, Uganda.
4. **Biodiversity and Medicinal Plants Joint Conference** of 16th – 18th October 2006: Dept. of Botany, Makerere University.
5. **Work Package 1 Stakeholders Meeting** March 2006: FOREAIM project; Makerere University
6. **Work-Package 1 (WP1) Regional Workshop** in Kampala, Uganda 13-16th June 2006: FOREAIM project
7. **NUFU Biodiversity and Medicinal Plants Joint Conference**, 16-20th October, 2006: Makerere University
8. **Plant Sciences Conference**, of 20-26th February 2005: Dept. of Botany, Makerere University.

### 11.2 Editorial services

- Member Honorary Editorial Board of *Botanics: Targets and Therapy*.
- Member, Editorial Board of the Journal of Ethnobiology and Ethnomedicine
- 2013: Lead Guest Editor for Special Issue on Recent Advances towards Validating Efficacy and Safety of African Traditional Medicines under the Hindawi Publishing Corporation
- 2010. Member of the Expert Advisory Panel for the African Health Monitor Special Issue on Traditional Medicine.
- Reviewed articles for **African Journal of Ecology, Economic Botany, Biodiversity and Conservation, East African Journal of Life Sciences, Applied Geography, International Journal of Food Sciences and Nutrition, Journal of Ethnobiology and Ethnomedicine**

- Internal editor for the special issue of the Biodiversity and Medicinal Plants Joint Conference, published in the African Journal of Ecology.
- Reviewed and compiled literature for the “Opportunities and Constraints in the production and marketing of indigenous vegetables in East and Central Africa” Natural Resources Institute project.
- March 1998. Reviewed and updated available literature on ethnobiology in Uganda for UGANEB.

### **11.3 Proposal review**

2021: Reviewed research proposals for National Research and Innovation Program (NRIP)

2021: Reviewed research proposals for Uganda National Council for Science and Technology (UNCST)

2020: Reviewed Research proposal for International Foundation for Sciences (IFS) (2020):

2020: Reviewed research proposals for RIF (2020)

2019: Reviewed research proposal for DRGT of Makerere University

2018: International Foundation for Science (IFS)

2017: Reviewed research proposal for the Swiss National Science Foundation (SNSF)

### **13.0 CONFERENCES AND SEMINARS ATTENDED**

1. 28 March to 1 April 2022: presented a paper Experiences and lessons on implementing REDD+ in Uganda in the “Sharing information and experiences on challenges and opportunities in forest management for sustainable development in Africa in the context of climate change”, Mombasa, Kenya
2. 29 September – 1st October 2021: Regional Webinar for Validation of Teaching Compendiums On: Forests and Climate Change Adaptation for Professional, Technical Training and Short Courses in African Forestry; AND Forests and Climate Change Mitigation for Short Courses in African Forestry
3. 5-7<sup>th</sup>, July 2021: 1st International Conference on Reimagining the Natural Products Industry in Africa (Online Meeting). Delivered Key Note speech.
4. 16th of June, 2021: Presentation in the Development of a Safe and Efficacious Anti-malarial drug from Traditional medicine (DESAT) at Makerere University.
5. 08 Oct 2019. Deforestation and forest degradation (1986-2016) in West Bugwe Central Forest Reserve, Uganda. Julius Nyerere International Convention Centre
6. 21 August 2019, Overview of Climate Change and Food Security issues and key research needs in Uganda. African Climate Change Adaptation Initiative (ACCAI) Network Climate Change & Food Security Conference
7. 31st October - November 2016. Environment and Climate Change Festival at Nkrumah Hall, University of Dar es Salaam
8. November 25, 2015. National Conference on “Climate Change Adaptation and Rural Institutions in Uganda” held on at Fairway Hotel, Kampala.
9. 24-28th September 2012. Partnerships and networking for strengthening agricultural innovation and higher education in Africa. Imperial Resort Beach and Imperial Botanical Beach Hotel, Entebbe Uganda.
10. 21 - 23 May 2012: Regional Workshop on Traditional Medicine Research and Development (R&D), Harare, Zimbabwe
11. 18th February 2011, National Forest Plan -Review National Stakeholders’ Workshop. Fairway Hotel
12. 21-22nd September 2010. Towards a Forest Financing Strategy for Uganda in Support of National Forest Program.

13. 17<sup>th</sup> December 2010. REDD-Plus Readiness Preparation Proposal(R-PP), National Stakeholder workshop on starting. Imperial Royale Hotel Kampala.
14. †5-6 November 2010: "[un]disciplined encounters: science as terrain of postcolonial interaction between Africa and Europe — past and future", Brussels, Belgium.
15. 25-26th March 2010. First REDD working Group Meeting at City Royal Hotel, Kampala, Uganda
16. 22 – 24th June 2009: Biodiversity conservation in the Albertine Rift Region at Makerere University.
17. 23rd April 2009: Intellectual Property Rights sensitization Workshop, Protea Hotel , Kampala
18. 22 – 25 February 2009: Regional Workshop on Climate Change: Response and Mitigation through agriculture and environmental management in East Africa. Organised by Faculty of Forestry and Nature Conservation, Makerere University and IUCEA, at Munyonyo Speke Resort
19. 19 – 21 Feb 2009: Workshop to align the School of Graduate Studies strategic plan to the university strategic plan 2008 – 2018, at the Imperial Botanical Beach Hotel Entebbe
20. 6-8th January 2009: Long term changes in a biodiversity hotspot: the influence of man and climate change on the Albertine Rift. At Hotel Africana, Kampala, Uganda. Organized by Wildlife Conservation Society and ARCOS
21. 17-19 September 2008: 4th annual scientific conference organised by the Makerere University College of Health Sciences, Hotel Africana Ltd., Kampala. Conference theme: Millennium Development Goals: Challenges for Health Research and Care
22. March 31 - April 4, 2008: Regional Workshop for Conservation Educators and Practitioners of the Albertine Rift Region, National University of Rwanda, Butare, Rwanda
23. 10 – 12th Sept. 2007: Draft African Framework on Bioprospecting. Experts meeting organized by the African union. University of Mauritius, Reduit, Mauritius.
24. 13 – 15th Sept. 2007: African Consolidated framework on intellectual property, individual and community rights. Experts meeting organized by the African union. University of Mauritius, Reduit, Mauritius.
25. 22 – 26 July 2007: Drug discovery from African Flora. 12<sup>th</sup> Symposium of the Natural Product Research Network for Eastern and Central Africa (NAPRECA), Hotel African, Kampala, Uganda.
26. 16th – 18th October 2006: Biodiversity and Medicinal Plants Joint Conference, Makerere University.
27. 9 – 10<sup>th</sup> August 2006: Dietary Diversity Workshop, “Linking Traditional Crops to Nutrition, Health and Social Economic Status of the People of Uganda”. Organised by Makerere University (MUK) & International Plant Genetic Resources Institute (IPGRI)
28. † 24 – 28<sup>th</sup> October 2005. International Congress on African Sciences. Bolgantanga, Ghana.
29. 21-23<sup>rd</sup> February 2005: PROTA 2 Vegetable Brainstorming Workshop. Nairobi, Kenya
30. 26-27<sup>th</sup> Aug. 2004. Culture, Science and society in the 21<sup>st</sup> century. Conference to commemorate the 80<sup>th</sup> Anniversary of the Uganda Society. Organised by the Uganda Society/Kyambogo University, Uganda Museum.
31. 8 – 9<sup>th</sup> July 2004: Support towards the sustainability of the Network on Medicinal Plants and Traditional Medicine (Eastern Africa), Workshop. Organized by NCRL, at Sports View Hotel, Kireka.
32. † 3-17<sup>th</sup> June 2004: 9<sup>th</sup> International Congress of Ethnobiology, University of Kent, Canterbury, UK.
33. 19<sup>th</sup> December 2003: Workshop to develop a plan of action for integrating Indigenous Knowledge in the PEAP. Organised by the Uganda National Council of Science and Technology, Hotel Equatoria, Kampala.
34. 21-26 September 2003: Association For the Taxonomic Study of the Flora of Tropical Africa, XVII<sup>th</sup> Congress, Addis Ababa, Ethiopia. The theme of the congress was “Biodiversity, ecology, taxonomy and phytogeography of African plants”.
35. 21-23 July 2003: Training workshop for training of staff from ministries, research and development institutions and other actors in the sectors in question in approaches of integrating Indigenous Knowledge (IK) in their operations. Organised by the Uganda National Council of Science and Technology, Hotel Equatoria, Kampala.
36. 3<sup>rd</sup> April 2003: Medicinal Plants: Access, Use and Benefit Sharing in light of the CBD “fair and equitable, technology transfer, & environmentally sound use” University of Oslo Library, Blindern, Auditorium 2.
37. 15-16 June 2002: Sixth annual meeting of the Tyllaldalen Ecology Research Group (TERG), Tyllaldalen, Nord-Østerdal, Norway.

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† Gave a lecture/presented a paper

38. †2-4 May 2002: International Symposium on medicinal plants, health and environment/International workshop on sustainable trade and conservation of medicinal plants, Rabat, Morocco.
39. †20 – 21 Aug 2001: Conference on Ecological Research for Development. Sponsored Makerere University-Agricultural University of Norway NUFU linkage, Makerere University.
40. 13 – 19, Aug 2001: B.Sc. (External) Writing workshop. Makerere University.
41. 17<sup>th</sup> Feb. 2001: Information dissemination seminar on capacity building for decentralisation programme. International Conference Centre, Kampala.
42. †22-26 Jan, 2001: Workshop, "The potential of Indigenous Food Plants", Diani (Mombasa), Kenya.
43. 27 Aug - 2nd Sept, 2000: Association for the study of the Flora of Tropical Africa (AETFAT) International XVI<sup>th</sup> Congress. The National Botanic Garden, Meise, Belgium.
44. 11 - 12 August 2000: 1st Uganda East African Network on Taxonomy (EAFRINET) National meeting. Colline Hotel Mukono.
45. 12th Jan-2nd March, 1999: Workshop "An Introduction to Pedagogical Training Programme for University Academic staff." Makerere University.
46. 26-31st Oct, 1998: Workshop on Wild Food Plants of Uganda; organised by RELMA.
47. 10th August, 1998: Workshop on "Bioprospecting" organised by ICIPE/IOCD.
48. 2nd April, 1998: Workshop on the theme "Ethnobotany/Ethnoecology in Uganda. The way forward", organised by UGANEB.
49. 6 - 7th February, 1998: "Diabetes Mellitus Workshop Exchange in Uganda." Organised by Shaman Pharmaceuticals, Inc. The main theme was ethnobotanical/medicinal data collection methods. Makerere University.
50. 1st Oct. 1997: Training workshop on "Writing funding proposals" hosted by Makerere University Institute of Environment Natural Research (MUIENR).
51. 3rd April 1997: Seminar on "Setting, moderating and marking exams," in Faculty of Science, Makerere University.

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† Gave a lecture/presented a paper

## Referees

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