

Dr. Ahamada Zziwa is a Senior Lecturer in the Department of Agricultural and Biosystems Engineering (ABE). He has been a faculty member since 2001. Dr. Zziwa teaches a number of undergraduate and graduate courses and is heavily involved in research. His primary research interest areas are Post-harvest and agro-processing technology research and development, sanitation research and wood strength characterization. In addition, Dr. Zziwa has extensive consulting experience, and has worked with a number of entities and projects in various consulting roles. Dr. Zziwa received his Ph.D. in Civil Engineering (Materials), from Makerere University in 2012. Prior to pursuing his doctorate, he earned a M.Sc. in Forestry from Makerere University in 2005 and a B.Sc. in Agricultural Engineering from Makerere University in 1999.

List of Selected Publications

1. Mubiru, D.N., Kyazze, F.B., Radeny, R., Zziwa, A., Lwasa, J. and Kinyangi, J. (2015). Climatic trends, risk perceptions and coping strategies of smallholder farmers in rural Uganda. Report number: CCAFS Working Paper No. 121, Affiliation: CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS) DOI: 10.13140/RG.2.1.4400.4960
2. Zziwa A., Mugambwa, R. Kizito S. Kambugu R.K. Sseremba O. E. and A. Syofuna (2012). Basic density, modulus of elasticity and modulus of rupture of *Artocarpus heterophyllus*. Uganda Journal of Agricultural Sciences, 13(1): 15 -23. ISSN 1026-0919.
3. Kizito, S., Banana, A. Y., Buyinza, M., Kabogozza, J. R. S., Kambugu, R. K., Zziwa, A., and Sseremba, O. E. (2011). Consumer satisfaction with wooden furniture: an empirical study of household products produced by small and medium scale enterprises in Uganda. Journal of the Indian Academy of Wood Science. 9(1) 1-13. DOI10.1007/s13196-012-0068-1. Print ISSN 0972-6 172X. Online ISSN 0976-8432. Publisher Springer- Verlag.
4. Sseremba, O. E., Kabogozza, J. R. S., Ziraba, N. Y., Mugabi, P., Banana, A. Y., Zziwa, A., Kambugu, R. K., Kizito, S., Syofuna, A. and Ndawula, J. (2011). Timber management practices and timber species used by small scale furniture workshops

in Uganda. *Maderas. Ciencia y tecnología* 13(3): 347-358. ISSN impresa 0717-3644. ISSN online 0718-221X. DOI 10.4067/S0718-221X2011000300010.

5. Sseremba, O. E., Kaboggoza, J. R. S., Ziraba, N. Y., Mugabi, P., Banana, A. Y., Zziwa, A., Kambugu, R. K., Kizito, S., Syofuna, A. Ndawula, J. (2010). Selected strength and machining properties of the wood of *Albizia coriaria* Welw. Ex Oliv. 442, *Markhamia lutea* (Benth.) K. Schum. and *hrysophyllum albidum* G. Don 40 used in Uganda's furniture industry. *International Wood Products Journal*. 1(2) 96 – 101. DOI 10.1179/2042645310Y.0000000007.
6. Zziwa A., Ziraba, Y. N. and Mwakali, J. A. (2010). Strength properties of selected Uganda timbers. DOI10.1 179/002032010X12759166444887. *International Wood Products Journal*. 1(1) 21

Selected Achievements

1. Consulting Team Leader / Documentation of in-situ rainwater harvesting practices for improving the adaptive capacity of farmers to climate change in Rakai district of Uganda. Funded by Technical Centre for Agricultural and Rural Co-operation ACP-EU (CTA financed by EU). April – October 2015.
2. Consulting Team Member / Facilitation and Documentation of Harnessing Opportunities for Productivity Enhancement (HOPE) Phase 2 of Sorghum and Millets in Sub Saharan Africa- wide Project Development workshops. Funded by National Semi-Arid Resources Research Institute (NaSARRI) March – April 2015.
3. Consulting Team Member / Facilitation and Documentation of the Policy Action for sustainable Intensification of Ugandan Cropping Systems (PASIC) workshop. Organized and Funded by Ministry of Agriculture Animal Industry and Fisheries. Funded April – December 2014.
4. Consulting Team Member / Development of weather information flow networks for timely provision of location specific forecasts and advisories in Hoima and Rakai districts. Funded by the Climate Change Agriculture and Food Security (CCAFS) Program of ILRI. January – April 2014.
5. Consulting Team Member / Facilitation and Documentation of Collaborative Crop Research Program (CCRP) 5th Meeting of East & Horn Africa Community of

Practice (E/Haf Cop5). Funded by McKnight Foundation. May 6 -11, 2013. ILRI Campus, Addis Ababa, Ethiopia.

6. Consulting Team Member / Facilitation and Documentation of Bill and Melinda Gates Foundation (BMGF) Livestock Genetics Investment Strategy Development Convening for Tanzania and Uganda. Funded by BMGF. August - September 2013.
7. Principal Investigator/Development of a Low-Cost Pineapple Drier and Utilization of Agricultural Waste to Enhance Income Security among Small-holder Farmers in Kayunga District". Funded by the Regional Universities Forum for Capacity Building in Agriculture (RUFORUM)/ November 2014 – October 2016. RU 2014 GRG -100.
8. Principal Investigator/ Characterization of pit latrine contents and developing a scientific understanding of processes occurring in onsite dry pit latrines systems in low income urban areas – a case study of Kampala suburbs. A Sanitation Research Fund for Africa (SRFA) Project - K5/2301/11. Funded by the Water Research Commission (South Africa) and the Bill and Melinda Gates Foundation