

Ahamada Zziwa	
Sex	Male
Rank	Assoc. Professor
Highest qualification	PhD
Department	Department of Agricultural and Bio systems engineering School of Food Technology, Nutrition and Bio engineering College of Agricultural and Environmental Sciences, Makerere University P.O. Box 7062, Kampala, Uganda
Professional Training and Experience	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
Teaching subjects	AEN 4116 Engineering Statistics AEX 4101 Farm Engineering II AEN 7111 Instrumentation and Measurement EHS 3101 Building Technology II AEN 2201 Farm Structures AEN 3212 Farm Engineering II FOR 3206 Timber Structures and Design EHS 3209 Building Technology III EHS 2208 Building Technology I
Research Interests/Expertise	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
Publications	<ol style="list-style-type: none"> 1. Zziwa, A., Kambugu, R., Kizito, S. and Agatha Syofuna, A. 2017 The effect of knot size on flexural strength of Eucalyptus grandis structural size timberModern Agricultural Science and Technology Journal Journal Paper vol. 3 2-Jan, pages 7 2. Zziwa A., Lugali Y., Wanyama J., Banadda N., Kigozi J. B., Kyazze F., Kabenge I., Kambugu R., Tumutegyereize P.2016. Contextual Investigation of Factors Affecting Sludge Accumulation Rates in Lined Pit Latrines within Kampala Slum Areas Water SA Journal Journal Paper vol.42 series 3, pages 6 3. Wanyama J., Banadda N., Kiyimba F., Okurut S., Zziwa, A., Kabenge, I., Mutumba, C., Tumutegyereize, P., Komakech, A. J. K., Kiggundu, N. 4. 2016. Profiling Agricultural Engineering Technologies for smallholder Agriculture Mechanization in Uganda Agric Eng Int:CIGR Journal Journal Paper vol. 18, series 4, pages 12 5. Munu N., Kigozi1 J., Zziwa A., Kambugu R., Wasswa J., and Tumutegyereize P. 2016. Effect of ambient-soaking time on soybean characteristics for traditional soymilk extraction. . 3(3): 119-128, Journal of Advances in Food Science & Technology International Knowledge Press Journal Paper vol.3, series 3 pages 10 6. Zziwa, A., Kambugu R. K., Komakech A.J., Kiggundu N., Miito, G.J. and Kyazze F.B. 2017. Factors influencing use of organic waste to enhance soil fertility by smallholder pineapple farmers in Uganda.

	<p>International Commission of Agricultural and Biosystems Engineering (CIGR) Journal Paper vol. 19, series2, pages 10</p> <p>7. Omulo, G., Willett, S., Seay,J., Banadda, N., Kabenge, I., Zziwa, A., and Kiggundu, N. (2017). Characterization of Slow Pyrolysis Wood Vinegar and Tar from Banana Wastes Biomass as Potential Organic Pesticides. ; 81 – 92. Journal of Sustainable Development vol.10, series 3 , pages 12</p>
Research Projects	<ol style="list-style-type: none"> 1. 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. Grant Total USD 200,000; Role: Principal Investigator July 2014 - June 2017. 2. Development of a Low-Cost Pineapple Drier and Utilization of Agricultural Waste to Enhance Income Security among Small-holder Farmers in Kayunga District. Grant Total USD 65,000; Role: Principal Investigator December 2015 - Dec 2017. 3. Documentation of in-situ rainwater harvesting practices for improving the adaptive capacity of farmers to climate change in Rakai district of Uganda. Grant total Euros 20,000; Role: Principal Investigator December 2015- Dec 2016