

Dr. Hussein Kivumbi Balimunsi is a Lecturer in the Department of Agricultural and Biosystems Engineering (ABE). He has been a faculty member since 2001. Dr. Balimunsi teaches a number of undergraduate and graduate courses and is involved in research. His primary research interest area is Sustainable forest harvesting technologies. In addition, Dr. Balimunsi has consulting experience, and has worked with a number of entities and projects in various consulting roles. Dr. Balimunsi received his Ph.D. in Forest Engineering, from Sokoine University of Agriculture, Tanzania in 2007. Prior to pursuing his doctorate, he earned a M.Sc. in Forest Engineering from St Peter's Forest Technical Academy, Russia in 1996.

List of Selected Publications

1. Balimunsi H. K., J. R. S. Kaboggoza, W. S. Abeli, J. Agea, and Cavalli R., 2011: Working conditions and productivity of logging operations under private logging companies, in Mafuga Forest Plantation, Western Uganda,. *Journal of Tropical forest Science*, 23(3), July 2011. Pp232. Forest Research Institute, Malaysia.
2. Hussein Balimunsi, Raffaele Cavalli, Stefano Grigolato, Rodolfo Picchio, Kenneth Nyombi, 2012: Productivity And Energy Balance Of Motor Manual Timber Harvesting Systems In Uganda. *Journal: Forestry Studies in China*; Volume 14, No.
3. Balimunsi H.K. and Abeli W. Shoo, 2010: Productivity, cost, wood-waste and environmental impact of the current logging operations in Ugandan Forest Plantations, A book published wVDM Verlag, Dr. Muller Aktiengesellschaft & Co. KG, Saarbrucken, German.
4. Nyombi K. and Balimunsi H.K.,2013; Comparing maize potential yields predicted using actual and interpolated weather data in Uganda. *International Research Journal of Environment Sciences*, Vol. 2(10), 1-5, October (2013).
5. S. Lumu, K. Nyombi, A. Swaga, M. Bukenya, H.K. Balimunsi, S.B. Tumwebaze, 2013; Effect of native soil fertility and mineral fertilizer on growth of pine seedlings in Uganda. *ANNALS OF FOREST RESEARCH*, Ann. For. Res. 56(2): 2013.

6. Abia Katimbo, N. Kiggundu, S.Kizito, H.K. Balimunsi and P. Tumutegyereize, 2014; Potential of densification of mango waste and effect of binders on produced briquettes. Agric. Eng Int. CIGR Journal. Vol. 16. No. 4.
7. K. H. Balimunsi, 2013: The physical workload of the forest workers in logging and sawmilling industries of Uganda. Journal: Forestry Studies in China; In press.

Selected Accomplishments

1. 2012 Utilization of pilot plant waste as a raw material for briquette making-Makerere University
2. 2013 Principal Investigator/ Development of Environmentally friendly packing bags using recycled paper technology- Makerere University. Funded by The Food Technology Business Incubation Centre (FTBIC)