

Name: Jimmy Byakatonda (Mr)

Designation: Lecturer

Contact: Gulu University
P. O. Box 166
Gulu (U), East Africa
+256 772 644 464
byakatondaj@hotmail.com

Academic Qualifications: BSc. Agricultural Engineering MUK and MSc. Water Science and Engineering, Specialisation: Hydraulic Engineering land and water development, UNESCO-IHE, Delft, Netherlands

Administrative: Faculty representative on finance committee from 2012 to 2014
Recess term coordinator for 2013/14 academic year

Specialisation: Hydraulic Engineering, Land and water Development

Thesis Title(s): Evaluation of Water use and management on smallholder irrigation schemes, a case study of Mubuku Irrigation scheme in Uganda

Research Interests: Irrigation under water scarcity, Deficit irrigation, rainwater harvesting for supplementary irrigation, Stochastic hydrological modelling, Hydrology of extremes (Droughts and floods) and impacts of climate change on agricultural productivity under rainfed Agriculture. Time series forecasting with artificial neural networks

R & D Projects: Development of community based irrigation scheme in Kalongo Agago district

List of Publications: Byakatonda, J., Parida, B. P., Kenabatho, P. K., & Moalafhi, D. B. (2016). Modelling dryness severity using artificial neural networks at the Okavango delta, Botswana. *Gnest*, 18.