**Professor**

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| Professional Training and Experience | 2000: PhD Makerere University, Kampala, Uganda |
|--------------------------------------|-----------------------------------------------|
|                                      | 1990: M.Sc. IHE Delft the Netherlands          |
|                                      | 1982: B.Sc. University of Ghana Legon, Accra, Ghana |
|                                      | 1989: PGD-EST: IHE Delft the Netherlands       |

| Research Interests/Expertise         | Water quality and pollution; Solid waste management; water treatment and wastewater treatment |

| Publications                          | 1. Jovanelly T.J, Okot-Okumu J, Nyenje R, Namaganda E (2017). Comparative Assessment of Ambient Air Standards in Rural Areas to Uganda City Centers. *Journal of Public Health in Developing Countries*. Vol. 3, No. 1, pp. 371-380. [http://www.jphdc.org/](http://www.jphdc.org/). ISSN 2059-5409 |
|                                      | 2. Okot-Okumu J and Otim J (2015). The Quality of Drinking Water Used by the Communities in Some Regions of Uganda. *Int. J. Biol. Chem. Sci.* 9(1): 552-562. |
|                                      | 3. Nakirya D, Okot-Okumu J, Muyodi F J (2015). Microbial Safety Assessment Of Recreation Water At Lake Nabugabo, Uganda. *Afr. J. Environ. Sci. Technol.* 9(10): 773-783. doi: 10.5897/AJEST2015.1979. |
|                                      | 4. Jovanelly T. J, Johnson-Pynn J, Okot-Okumu J, Nyenje R and Namaganda E (2015). Pioneering Water Quality Data On The Lake Victoria Watershed: Impacts to Human Health. *Journal of Water and Health*. 13(3): 920-930. doi:10.2166/wh.2015.001. |
|                                      | 5. Natumanya J, Okot-Okumu J (2015). Evaluating Coagulant Activity of Locally Available *Syzygium cumini*, *Artocarpus heterophyllus* and *Moringa oleifera* For Treatment of Community Drinking Water, Uganda. *Int. J. Biol. Chem. Sci.* ISSN 1997-342X (Online), ISSN 1991-8631 (Print) |
|                                      | 6. Bateganya N.L, Kazibwe A, Langergraber G, Okot-Okumu J, Hein T (2015): Performance of subsurface flow constructed wetland mesocosms in enhancing nutrient removal from municipal wastewater in warm tropical environments. *Environ Technol*. 2015 Sep 21:1-46. |
|                                      | 7. Kato S.S, Okot-Okumu J, Okullo P, Obua J (2015). Assessing Community-based Organizations’ Influence on Trees and Grass Planting for Forest, Soil and Water Management around Mt. Elgon National Park in Uganda. *Forests, Trees and Livelihoods*. [http://dx.doi.org/10.1080/14728028.2015.1102094](http://dx.doi.org/10.1080/14728028.2015.1102094) |
|                                      | 8. Ojok J, Koech M.K, Tole M, Okot-Okumu, J (2014). Households’ Perception, Attitudes and Expectations on Solid Waste Management in Kampala, Uganda. *Journal of Solid Waste Technology and Management*. 40(4): 335-348. |
|                                      | 9. Waswala-Olewe M. B, Okot-Okumu J, Abila O. R (2014). Fishing Gear in the Sondu-Miriu River: Level of Use, Preference and Selectivity. |
Hydro Nepal. 15: 82-89.

10. Ojok J, Koech M.K, Tole M, Okot-Okumu, J (2013). Households' Willingness To Pay For Improved Municipal Solid Waste Management Services In Kampala, Uganda. *Science Journal of Environmental Engineering Research*. Article ID sjeer-143, 8 Pages, doi: 10.7237/sjeer/143.

11. Ojok J, Koech M.K, Tole M, Okot-Okumu, J (2013). Rate And Quantities Of Household Solid Waste Generated In Kampala City, Uganda. *Science Journal of Environmental Engineering Research*. Article ID sjeer-237, 6 Pages. doi: 10.7237/sjeer/237.

12. Jovanelly T.J, Okot-Okumu, J, Erima G (2012). A Preliminary Investigation of Water and Soil Quality in Four Forest Reserves near Kampala, Uganda. *Journal of Environmental Hydrology*. 20(10).

13. Ecuru J, Okot-Okumu J, Okurut T O (2011). Monitoring Residual Chlorine Decay And Coliform Contamination In Water Distribution Network Of Kampala, Uganda. J. Appl. Sci. Environ. Manage. 15 (1) 167 – 173.

14. Okot-Okumu, J and Nyenje R (2011). Municipal Solid Waste Management under Decentralisation in Uganda. Habitat International. 35 (4) 537-543.

15. Walakira, P and Okot-Okumu, J (2011). Impact of Industrial Effluents on Water Quality of Streams in Nakawa-Ntinda, Uganda. J. Appl. Sci. Environ. Manage. Vol. 15 (2) 289 – 296.

16. Okot-Okumu, J (2010). Seasonal Physicochemical Variation in the Nabugabo Wetlands. Int.J.Biol.Chem.Sci 4 (6):2035-2045.

17. Sekiranda, S.B.K., Okot-Okumu, J., Bugenyi, F.W.B., Ndawula, L.M. and Gandhi, P (2004). Variation in Composition of Macro-invertebrates As an Indication of Water Quality Status in Three Bays in Lake Victoria. Uganda Journal of Agricultural Sciences, 9:396-411.

18. Nsubuga, F. B., Kansiime, F. and Okot-Okumu, J (2004). Pollution of Protected Springs In Relation To High and Low Density Settlements in Kampala- Uganda. Physics and Chemistry of the Earth. 29:1153-1159

19. Okot-Okumu, J (2004). Primary Production and Decomposition of Loudetia Phragmitoides (A.Peter) In the Littoral Wetland of a Small Satellite Lake (L.Nabugabo, Uganda). Afr.J. Ecol. 42 (suppl.1). 108-113.

### 3.2 Published Chapters in Books

1. Okot-Okumu. J. (2015). Solid Waste Management in Uganda: Challenges and Options. In: Romeela Mohee, Thokozani Simelane (Eds). *Future Directions of Municipal Solid Waste Management in Africa*. Africa Institute of South Africa, South Africa. ISBN 9780798304238

2. Kato S.S, Okot-Okumu J, Obua J (2015). The Influence of Community Based Organizations’ Characteristics, Opportunities and Challenges on
Sustainable Management of Forest, Water and Soil Commons: A Case of Mt. Elgon Ecosystem, Uganda. A Commons Initiative. Foundation for Ecological Security. IASC. Anand Press. India

3. Buuren van J, Mgana S, Sulukele F, Okot-Okumu J, Zurbrugg C, Zeeman G (2014). Sanitation and Solid Waste Management Options for Sustainable Service Provision in East Africa. In: Van Vliet Bas, Joost van Buuren and Shaban Mgana (Eds). Urban Waste and Sanitation Services for Sustainable Development: Harnessing social and Technical Diversity in East Africa. Routledge. ISBN13: 978-415-83377-6

4. Okot-Okumu, J. (2012). Solid Waste Management in African Cities – East Africa. In: Luis Fernando Marmolejo Rebellon (Ed). Waste Management an Integrated Vision. InTech, ISBN 978-953-51-0795-8

5. Okot-Okumu, J., Oosterveer, P.J.M. (2010). Providing Sanitation for the Urban Poor in Uganda. In: Van Vliet Bas, Gert Spaargaren and Peter Oosterveer (Eds), Social Perspectives on the Sanitation Challenge. Dordrecht: Springer. ISBN 978-90-481-3720-6

6. Okot-Okumu. J. (2001). The influence of a littoral wetland on a small satellite lake (L. Nabugabo- Uganda). In: Mbwette .T.S.A. Katima .J.H.Y and Jorgensen .S.E. (Eds). Application of Wetland Systems and Wastewater Stabilization Ponds in Water Pollution Control. University of Dar es Salaam. ISBN 9976-911-55-6.

Professional Membership and Activities

- International Water Association (IWA)
- Nature Uganda (The East African Natural History Society)
- Uganda Association of Impact Assessment