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Area of Research: Soil Health, Nutrients Management and Water Quality, Carbon Sequestration and Soil Properties & Processes.

Course/s Taught: PS: 360-Water Quality, PS: 437- Soil Conservation & Land Use, PS: 458-GIS app and Natural Resources, PS: 460-Watershed Hydrology, PS: 493-Soil Physics, PS: 535-Advanced Soil Classification

Appointment: 50% Teaching and 50 % Research

Publications: Peer reviewed journal publications only.

1. McComb, J and L.C Kibet. 2018. Monitoring Soil Phosphorus Transport in Watershed: Exploring the Use of Portable X-ray fluorescence (pXRF). Nova Science Publishers, Inc. ISBN: 978-1-53614-304-1 (eBook) 2:47-87
2. Blanco-Canqui, H., B.J. Wienhold, V.L. Jin, M.R. Schmer, and L.C. Kibet. 2017. Long-term tillage impact on soil hydraulic properties. *Soil & Tillage Research* 170:38-42.
3. Kibet L.C., R.B. Bryant, A.R. Buda, P.J. A. Kleinman, L.S. Saporito, A.L. Allen, F.M. Hashem, and E.B. May. 2016. Persistence and Surface Transport of Urea-Nitrogen in a Coastal Plain Soil. *J. Environ. Qual.* 40: 3: 1062-1070.
4. Blanco-Canqui, H., A.L. Stalker, R. Rasby, T.M. Shaver, M.E. Drewnoski, S. van Donk, and L.C. Kibet. 2016. Does cattle grazing and baling of corn residue cause runoff losses of sediment, carbon, and nutrients? *Soil Sci. Soc. Am. J.* 80:168-177.
5. Kibet, L., H. Blanco-Canqui, R.B. Mitchell, and W.H. Schacht. 2016. Root biomass and soil carbon response to growing perennial grasses for bioenergy. *Energy, Sustainability and Society* 6:1 DOI 10.1186/s13705-015-0065-5.
6. L. C. Kibet, H. Blanco-Canqui, and P. Jasa. 2016. Long-term tillage impacts on soil organic matter components and related properties on a typic argiudoll,” *Soil & Tillage Research*, vol. 155, pp. 78–84, 2016.
7. Kibet, L.C., L.S. Saporito, A.L. Allen, E.B. May, P.J.A. Kleinman, F.M. Hashem, et al. 2014. A protocol for conducting rainfall simulation to study soil runoff. *Journal of Visualized Experiments* 86: 1-14.

8. Kibet, L. C.; Allen, A. L.; Church, C.; Kleinman, P. J. A.; Feyereisen G. W.; Saporito L. S., Hashem, F.; May, E. B. and Way, T. R. (2013): Transport of dissolved trace elements in surface runoff and leachate from a coastal plain soil after poultry litter application. *Journal of Soil and Water Conservation*, 68(3): 212 –220
9. Kibet, L.C., Allen, A.L., Kleinman, P.J.A., Feyereisen, G.W., Church, C., Saporito, L.S., and Way, T.R. 2011. Phosphorus runoff losses from subsurface-applied poultry litter on coastal plain soils. *Journal of Environmental Quality* **40**:412–420.