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Publications in Journals:

1. Kihara, J., Bationo, A., Waswa, B., Kimetu, J.M., Vanlauwe, B., **Okeyo, J.**, Mukalama, J., Martius, C., 2012. Effect of Reduced Tillage and Mineral Fertilizer Application on Maize and Soybean Productivity. *Experimental Agriculture* 48(2), 159-175.
2. Tittonell P., A. Muriuki, K.D. Shepherd, D. Mugendi, K.C. Kaizzi, **J. Okeyo**, L. Verchot, R. Coe, B. Vanlauwe (2010). The diversity of rural livelihoods and their influence on soil fertility in agricultural systems of East Africa – A typology of smallholder farms. *Agricultural Systems Journal* 103: 83–97.
3. **Okeyo J.M.**, Shepherd K.D., Wamicha W., and Shisanya C., (2006). Spatial Variations in Soil Organic Carbon within Smallholder Farms in Western Kenya; A Geospatial Approach. *African Crop Science Journal*, Vol. 14. No. 1, 27-36.

Presentation of papers at Academic Profession Conferences:

1. **Okeyo, J.**, Norton, J., Omondi, E., Norton, U., Ngosia, D., Odhiambo, J., Ashilenge, D., 2014. Impact of conservation tillage on soil quality under smallholder farming systems in eastern Uganda and western Kenya. Paper presented at the Annual SANREM global workshop, 19-21 May 2014, Arlington, Virginia, USA.
2. **Okeyo, J.**, Norton, J., Miller, S., Omondi, E., Ngosia, D., 2014. Estimation of soil erosion under conservation tillage systems using RUSLE model. Paper presented at the SANREM global workshop, 19-21 May 2014, Arlington, Virginia, USA.
3. **Okeyo, J.**, Norton J., Koala S., 2013. The effect of tillage and crop residue application on total and labile soil organic carbon and nitrogen pools in a long-term conservation tillage trial in western Kenya. Paper presented at the ASA, CSSA, & SSSA International Annual meetings, 3-6 November, 2013, Tampa, Florida, USA.

Books/Book Chapters Published

1. Bationo, A., Waswa, B., Kihara, J., Adolwa, I., Vanlauwe, B., Saidou, K., Bationo, A., Waswa, B., Abdou, A., Bado, B.V., Bonzi, M., Iwuafor, E., Kibunja, C., Kihara, J., Mucheru, M., Mugendi, D., Mugwe, J., Mwale, C., **Okeyo, J.**, Olle, A., Roing, K., Sedogo, M., 2012. Overview of Long Term Experiments in Africa, Lessons learned from Long-term Soil Fertility Management Experiments in Africa. Springer Netherlands, pp. 1-26.
2. Kihara, J., Mukalama, J., Ayuke, F.O., Njoroge, S., Waswa, B., **Okeyo, J.**, Koala, S., Bationo, A., 2012. Crop and Soil Response to Tillage and Crop Residue Application in a Tropical Ferralsol in Sub-humid Western Kenya. In: A. Bationo, B. Waswa, J. Kihara, I. Adolwa, B. Vanlauwe, K. Saidou (Eds.), Lessons learned from Long-term Soil Fertility Management Experiments in Africa. Springer Netherlands, pp. 41-57.
3. Bationo, A., Waswa, B., **Okeyo, J.M.**, Maina, F. and J.M. Kihara. 2011. Innovations as Key to the Green Revolution in Africa: Exploring the Scientific Facts (Vol 1 & 2). Springer, Dordrecht, The Netherlands, 1363.
4. Bationo, A., Waswa, B., **Okeyo, J.M.**, Maina, F., Kihara, J. and U. Mokuwunye. 2011. Fighting Poverty in Sub-Saharan Africa: The Multiple Roles of Legumes in Integrated Soil Fertility Management. Springer, Dordrecht, The Netherlands, 246.
5. Kihara J. A. Bationo, B. Waswa and **J. Okeyo** (2009). Tillage, rotation and surface residue effects on crop water productivity in Nyabeda, western Kenya, as modeled using DSSAT. In: Humphreys, E. and Bayot, R.S. (Eds). Increasing the productivity and sustainability of rainfed cropping systems of poor smallholder farmers. Proceedings of the CGIAR Challenge Program on Water and Food International Workshop on Rainfed Cropping Systems, Tamale, Ghana, 22-25 September 2008. The CGIAR Challenge Program on Water and Food, Colombo, Sri Lanka. 311pp. Presented during CPWF workshop in Tamale Ghana in September 2008.
6. Bationo A., Tabo R., **Okeyo J.**, Kihara J., Maina F., Traore PCS., and Waswa B., 2008. General Characteristics of the Volta Basin. In: Bationo A., Tabo R., Waswa B., Okeyo J., Kihara J. and Kabore S., (eds) Synthesis of soil, water and nutrient management research in the Volta Basin. EcoMedia.