

CURRICULUM VITAE

Personal Details

Name: Professor Peter Oloo Kisinyo
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Email: kisinyopeter@yahoo.com & kisinyopeter65@gmail.com
Marital Status: Married
Current Position: Full Professor
Responsibility: Dean, School of Agriculture, Natural Resources and Environmental Studies.

Educational Background

Year 2018: Diploma in Leadership and Management at Shaw Academy in Ireland
Year 2011: Obtained Doctor of Philosophy in Soil Science at Moi University. Thesis title “Constraints of soil acidity and nutrient depletion on maize (*Zea mays* L.) production in Kenya.
Year 1995: Obtained Master of Science Agriculture (Soil Science Option) at the University of Nairobi. Thesis title “Land Suitability Evaluation for Agriculture around Timau Area - Meru District, Kenya”.
Year 1990: Obtained an Upper Second Class Honors Degree in Agriculture at the University of Nairobi
Year 1986: Obtained 3 Principal passes in Maths, Biology and Chemistry and Subsidiary pass in General Paper at Kianyaga High School.
Year 1984: Obtained Division II in KCE at Usenge High School.

Working Experience

- i) **Current Position (28th Dec. 2016 to-date):** Full Professor and also the Dean, School of Agriculture, Natural Resources and Environmental Studies, Rongo University. I am involved in planning, development, review and implementation of the School Academic Programs. I am in charge of the school academic and staff affairs as well as the farm among others. I am in charge of administration, budgeting and financial control in the School and University Farm. I teach Soil Science Courses at the School and also supervise post-graduate students.
- ii) **1st Oct. 2013 – 27th Dec. 2016:** Associate Professor and also the Dean, School of Agriculture, Natural Resources and Environmental Studies, Rongo University. I am involved in planning, development, review and implementation of the School Academic Programs. I am in charge of the school academic and staff affairs as well as the farm among others. I was in charge of administration, budgeting and financial control in the School and University Farm. I teach Soil Science Course at the School and also supervise post-graduate students
- iii) **1st June- 30th Sept 2013:** Was a Senior Lecturer in the Soil Science Department, School of Agriculture and Biotechnology, University of Eldoret. My duties include: - teaching the undergraduate and post-graduate (Masters & Ph. D) students, supervising students and carrying out research. I taught course in soil chemistry, fertility and biology at both the undergraduate and postgraduate levels. On several occasions, I acted as the HOD, Soil Science Department. I was a member of the PSSP committee and in-charge of student’s field trips and industrial/field attachments in the Department of Soil Science. I the School’s Graduate Committee Representative. I also acted on several occasions as a HoD, Soil Science.
- iv) **Sabbatical Leave (1st Sept., 2012 – 31st May, 2013):** At Rongo University College. I was also the acting Dean, School of Agriculture, Natural Resources and Environmental Studies. I was in charge of administration, budgeting and financial control in the School and University

- Farm. I was involved in the daily running and coordination of the school affairs among others.
- v) **28th July, 2010 to 5th June, 2013):** Was a Senior Lecturer in the Soil Science Department, School of Agriculture and Biotechnology, University of Eldoret. My duties include: - teaching the undergraduate and post-graduate (Masters & Ph. D) students, supervising students and carrying out research. I taught course in soil chemistry, fertility and biology at both the undergraduate and postgraduate levels. On several occasions, I acted as the HOD, Soil Science Department. I was a member of the PSSP committee and in-charge of student's field trips and industrial/field attachments in the Department of Soil Science. I the School's Graduate Committee Representative. I also acted on several occasions as a HoD, Soil Science.
 - vi) **7th June, 2005 to 27th August, 2010:** Lecturer in the Soil Science Department, School of Agriculture and Biotechnology, Moi University. I was teaching and supervising under- and post-graduate students and also carry out research. I was in-charge of School of Agriculture and Biotechnology publicity and extension, time table coordinator and a member of the PSSP committee. I was in-charge of student's field trips and industrial/field attachments in the Department of Soil Science and on several occasions acted as the HOD, Soil Science Department.
 - vii) **Sept. 2003 – 6th June 2005:** Tutorial Fellow at the Department of Soil Science in the School of Agriculture and Biotechnology, Moi University. I was teaching and supervise under- and post-graduate students and also carry out research. I was in-charge of School of Agriculture and Biotechnology publicity, extension and research. I also on several occasions acted as the HOD, Soil Science Department.
 - viii) **Jan. 1999 – August 2003:** Working for Eastern Produce (K) Limited at Nandi Hills as a Research Officer and the Head of Research Unit. I was in charge of administration, budgeting and budgetary control of the Technical/Research Division of the Company. My direct work involved around soil fertility management, use of agro-chemicals(fertilizers & herbicides) tea breeding, raising seedlings in the nursery, planting and raising tea to maturity, tea plucking. I was in charge of advising the company on technical matters i.e. raising seedlings, planting, manufacture among others. I was also involved in land suitability evaluation for tea and timber developments. I was in charge of budgeting and budgetary control of the Research Division
 - ix) **April 1996 – Dec 1998:** Working for Eastern Produce (K) Limited, Nandi Hills as an Assistant Manager Technical working both in the field and factories.
 - x) **Feb. 1995 – March 1996:** Trainee Assistant Technical Officer at Eastern Produce (K) Limited, Nandi Hills working both in the field and factories.
 - xi) **Sep. 1993 – Dec. 1994:** Working for Eastern Produce (K) Limited, Nandi Hills as a Trainee Assistant Manager at their Tea Estates working both in the field and factory.
 - xii) **Aug. 1992 – Aug. 1993:** Carried out a research in conjunction with Laikipia Research Program during my MSc. research work. It was in Soil Survey, Classification and Land Suitability Evaluation for Agricultural use. Land suitability was assessed for Barley, Wheat, Maize, Beans, Potatoes, Forestry, Wild Life and Grazing. The socio-economic factors that affect farmers were also looked into together with use of appropriate level technology as well and various agrochemicals
 - xiii) **Mar. 1991 – April 1992:** Worked on a research project funded by International Centre for Research in Agroforestry as a Graduate Research Assistant (ICRAF). I was working with the late Dr. Oruko on Biological Nitrogen Fixation on food legumes. I also carried out literature review on Mycorrhizae - Phosphorous interactions.
 - xiv) **June – Oct. 1991:** Worked with Kakuzi Limited as an Assistant Manager at their Horticultural Farm in Makuyu. Gained practical experience in drip and sprinkler irrigation systems as well as fatigation.

- xv) **Jan – June '91:** Taught at St. Savios Secondary School and was the Patron of Science Club
 xvi) **Sept – Dec '88:** Taught Sigomere Secondary School.
 xvii) **Jan – June '87:** Taught at Sigomere Secondary School and was the Patron of Science Club.

Publications

A) Referred Journals

1. Edwin Kiprono Rotich and **Peter Oloo Kisinyo (2018)**. Influence of Cropping System and Residue Management on Selected Soil Chemical Properties. *Advances in Research*. Vo. 13(4) 1-8. ISSN: 2348-0394, NLM DOI: 101666096.
2. **Kisinyo Peter Oloo** and Palapala Valerie Adema (2016). Maize Response to Micro Dose Inorganic Inputs on an Acid Smallholder Farm in Kenyan Lower Midland. *Journal of Agricultural Science and Food Technology*. Vol. 2(8), 125-132
3. **Kisinyo P.O. (2016)**. Effect of lime and phosphorus fertilizer on soil chemistry and maize seedlings performance on Kenyan acid soils. *Sky Journal of Agricultural Research*. Vol. 5(6): 097 - 106.
4. Nyamolo M. A., Palapala V. A. and **Kisinyo P. O. (2016)**. Effect of Water logging on physio-chemical characteristics in maize. *Sky Journal of Agricultural Research*. Vol. 5(6): 129-138
5. **Kisinyo Peter Oloo (2016)**. Tobacco Cultivation Effects on Soil Fertility and Heavy Metals Concentration on Smallholder Farms in Western Kenya. *Journal of Agricultural Science and Food Technology* Vol. 2 (5): 75-79. ISSN: 2465-7522. <http://pearlresearchjournals.org/journals/jasft/index.html>
6. **Kisinyo Peter Oloo (2016)**. Phosphate Fertilizer Sources and Use in Africa: Challenges and Opportunities. *Advances in Research* 7(4): 1-9. DOI: 10.9734/AIR/2016/26171.
7. **Kisinyo Peter Oloo (2016)**. Long term effects of lime and phosphorus application on maize productivity in an acid soil of Uasin Gishu County, Kenya. *Sky Journal of Agricultural Research*. Vol. 5(3): 048 - 055. <http://www.skyjournals.org/SJAR> ISSN 2315-8751 ©2016 Sky Journals
8. **Kisinyo Peter Oloo (2016)**. Maize Response to Organic and Inorganic Soil Amendments Grown Under Tropical Acidic Soil of Kenya. *Journal of Agricultural Science and Food Technology* Vol. 2 (3):35-40. ISSN: 2465-7522. <http://pearlresearchjournals.org/journals/jasft/index.html>
9. **Kisinyo, P.A. Opala, S.O. Gudu and C.O. Othieno (2015)**. Micro-Dosing of Inorganic Inputs on Maize Production on an Acid Soil in Kenya: An Agronomic and Economic Evaluation. *American Journal of Experimental Agriculture*, Vol. 9(3): 1-9. ISSN: 2231-0606. DOI: 10.9734/AJEA/2015/17984.
10. Peter Asbon Opala, **Peter Oloo Kisinyo** and Robert Orangi Nyambati (2015). Effects of *Tithonia diversifolia*, farmyard manure and urea, and phosphate fertiliser application methods on maize yields in western Kenya. *Journal of Agriculture and Rural Development in the Tropics and Subtropics*. 116 (1): 1-9. urn:nbn:de:hebis:34-2015011347180 ISSN: 2363-6033
11. **P. O. Kisinyo, P.A Opala, S.O. Gudu, V. Palapala, C.O. Othieno and E. Ouma (2015)**. Micro Dosing of Lime, Phosphorus and Nitrogen Fertilizers Effects on Maize Performance on an Acid Soil in Kenya. *Sustainable Agriculture Research* Vol. 4 (2): 21-30. Doi:10.5539/sar.v4n2p21. ISSN 1927-050X E-ISSN 1927-0518.
12. O. Kodiago, A. O. Onkware, S. O. Gudu, V. A. Palapala and **P. O. Kisinyo (2015)**. Response of *Leucaena leucocephala* (Lam.) De Wit (Leucaena) Provenances to Aluminium in Potted Soil Experiment. *International Journal of Plant and Soil Science*. Vol. 7(2): 91-101. DOI: 10.9734/IJPSS/2015/14704
13. **Kisinyo P. O., Opala P. A., Gudu S. O., Othieno C. O., Okalebo J. R., Palapala V. and Otinga A. N. (2014)**. Recent advances towards understanding and managing Kenyan acid soils for

- improved crop production. *African Journal of Agricultural Research*, Vol.9 (31): 2397-2408. DOI:10.5897/AJAR2013.8359.
14. **P. O. Kisinyo**, C. O. Othieno, S.O. Gudu, J.R. Okalebo, P.A. Opala, W.K. Ng'etich R.O. Nyambati, E.O. Ouma, J. J. Agalo, S.J. Kebeney, E. J. Too, J.A. Kisinyo and W.R. Opile (2014). Immediate and Residual Effects of Lime and Phosphorus Fertilizer on Soil Acidity and Maize Production in Western Kenya. *Experimental Agriculture*, Vol. 50 (1): 128–143, Doi: 10.1017/S0014479713000318.
 15. Emilly Jepkosgesi Too, Beatrice Ang'iyio Were, Augustino Osoro Onkware, Justin Hadson Ringo, **Peter Kisinyo**, Anders S. Carlsson, Evans Ouma Mulata Galeta and Samuel Gudu (2014). Response of selected sorghum (*Sorghum bicolor* L. Moench) germplasm to aluminium stress. *African Journal of Agricultural Research*, Vol. 9(21): 1651- 1662, DOI: 10.5897/AJAR213.779.
 16. D.O. Ligeyo, E. Ouma, S.Gudu, **P. O. Kisinyo**, T. Matonyei, J.R. Okalebo and C.O. Othieno (2014). Response of maize top cross hybrids to low phosphorus acid soils in Western Kenya. *East African Agriculture and Forestry. Journal*. Vol. 80 (1), 25-30.
 17. P. A. Opala, R. O. Nyambati and **P. O. Kisinyo** (2014). Response of Maize to Organic and Inorganic Sources of Nutrients in Acid Soils of Kenya. *American Journal of Experimental Agriculture*, 4(6): 713-723.
 18. E. K. Rotich, J. R. Okalebo, W. K. Ng'etich, C.O. Othieno and **P. O. Kisinyo** (2013). Effect of crop management system and residue on soil chemical changes (pH, soil N, organic carbon and available soil P) on ferralsols in western Kenya. *African Journal of Education, Science and Technology*. Nov/Dec, Vol. 1(3): 231-242.
 19. **P. O. Kisinyo**, C. O. Othieno, S.O. Gudu, J. R. Okalebo, P. A. Opala, J. K Maghanga, W. K. Ng'etich, J. J. Agalo, R.W. Opile, J. A. Kisinyo & B. O. Ogola (2013). Phosphorus Sorption and Lime Requirements of Maize Growing Acids Soil of Kenya. *Sustainable Agriculture Research*. Vol. 2(2): 116-123. doi:10.5539/sar.v2n2p116 URL: <http://dx.doi.org/10.5539/sar.v2n2p116>.
 20. Ouma Evans, Ligeyo Dickson, Matonyei Thomas, Were Beatrice, Agalo Joyce, Too Emily, Onkware Augustino, Gudu Samuel, **Kisinyo Peter** and Philip Nyangueso (2013). Enhancing maize grain yield in acid soils of western Kenya using aluminium tolerant germplasm. *Journal of Agricultural Science and Technology*, Vol. 3: 33-46
 21. Justin Maghanga, John Kituyi, **Kisinyo Peter Oloo** and Wilson Ng'etich (2013). Impact of nitrogen fertilizer applications on surface water nitrate levels within a Kenyan tea plantation. *Journal of Chemistry*. Vol. 2013: 1- 4. Article 196516. <http://dx.doi/10.1155/2013/196516>.
 22. **P. O. Kisinyo**, S.O. Gudu, C.O. Othieno, J.R. Okalebo, P.A. Opala, J.K. Maghanga, J.J. Agalo, W.K. Ng'etich, J.A. Kisinyo, R.J. Osiyo, A.O, Nekesa, E.T. Makatiani, D.W. Odee and B.O. Ogola (2012). Effects of lime, phosphorus and rhizobia on *Sesbania sesban* performance in a western Kenyan acid soil. *African Journal of Agricultural Research* Vol. 7(18): 2800-2809, DOI: 10.5897/AJAR11.1450
 23. Maghanga K. Justin, Kituyi L. John, Segor K. Fred and **Kisinyo O. Peter**. (2012). Comparison of soil phosphorous extraction by Olsen and double acid methods in acid soils of Western Kenya. *East African Journal of Pure and Applied Science* Vol. 2 (1): 1-5.
 24. Ouma Evans, Ligeyo Dickson, Matonyei Thomas, Were Beatrice, Agalo Joyce, Too Emily, Onkware Augustino, Gudu Samuel, **Kisinyo Peter**, Okalebo John and Othieno Caleb (2012). Development of maize single cross hybrids for tolerance to low phosphorus. *African Journal of Plant Science* Vol. 6(14), pp. 394-402, <http://www.academicjournals.org/AJPS>. DOI: 0.5897/AJPS12.134.
 25. **P.O. Kisinyo**, W.K. Ng'etich, C.O. Othieno, J.R. Okalebo and W.R. Opile, (2011). Phosphorus depletion – should the ACP countries be concerned? What are the current issues for future

research and policy? <http://knowledge.cta.int/en/Dossiers/S-T-Issues-in-Perspective/Phosphorus-depletion/Articles/>. Published online June 2011.

26. P. A. Opala J. R. Okalebo C. O. Othieno, **P. Kisinyo (2010)**. Effect of organic and inorganic phosphorus sources on maize yields in an acid soil in western Kenya. *Nutr Cycl Agroecosyst*, 86:317 -329, DOI 10.1007/s10705-009-9294-3.
27. **Kisinyo Peter**, Gudu Samuel, Othieno Caleb, Okalebo John, Ochuodho Julius, Agalo Joyce, Ng'etich Wilson, Opala Peter, Maghanga Justin, Osiyo Richard and Ligeyo Dickson (2009). Residual effects of lime and phosphorus application on soil and maize (*Zea mays L.*) performance in a Kenyan highlands acid soil. *Journal of Agriculture, Pure and Applied Science and Technology*, 3: 1-10.
28. S.O. Gudu, **P. O. Kisinyo**, E.T. Makatiani, D.W. Odee, J.F.O. Esegu, S.A.O. Shamchama, C.O. Othieno, J.R. Okalebo, R.J. Osiyo and J. O. Owuoche (2009). Screening of sesbania for tolerance to aluminum toxicity and symbiotic effectiveness with acid tolerant rhizobia strains in Western Kenya acid soil. *Expl. Agric.*, 45:417-427 (doi: 10.1017/S0014479709990044).
29. P.A. Opala, C.O. Othieno J.R. Okalebo, and **P.O. Kisinyo (2009)**. Effects of combining organic materials with inorganic phosphorus sources on maize yield and financial benefits in western Kenya. *Expl. Agric.*, 46; 23-34 (doi: 10.1017/S0014479709990457).
30. Okinda P. O., Obanda M., McLean G. and **Kisinyo P. O. (1999)**. Fermentability variations of popular clones from Nandi Hills, Kenya. *Tea vol.* 20(1), 5-11.

B) Book Chapters

1. NYAMAI, Daniel Odinde, OBONYO, Collins Otieno, AUCHA, James and **KISINYO, Peter Oloo (2017)**. Policy Framework and Public-Private Partnerships for Agribusiness Development in Africa. In: John A.F. Obiri, Marie-Francoise Driver, Jonathan C. Onyekwelu, Joseph G. Akpoko, Brinda Ramasawmy, Aissetou Drame-Yaye. *Agribusiness in Africa – A contextualized manual for tertiary institutions and development practioners*. ANAFE, Nairobi-Kenya, pp 154-173
2. B. Ahamadou, **P. O. Kisinyo**, P. A. Opalai, G.A. Damot, I.I. Mudita and D. Nyadanu (2017). Managing Risks Associated with Soil Degradation for Sustainable Crop Production in Africa. In: John A.F. Obiri, Marie-Francoise Driver, Jonathan C. Onyekwelu, Joseph G. Akpoko, Brinda Ramasawmy, Aissetou Drame-Yaye. *Agricultural Risk Management in Africa – A contextualized manual for tertiary institutions and development practioners*. ANAFE, Nairobi-Kenya, pp 64-93.
3. Okalebo, J. R., C. O. Othieno, S. O. Gudu, P. L. Woomeer, N. K. Karanja, C. Serrem, H. K. Maritim, N. Sanginga, A. Bationo, R. M. Muasya, A. O. Esilaba, A. Adesina, P. O. Kisinyo, A. O. Nekesa, M. N. Thuita and B. Waswa. (2011). The Africa Green Revolution and the Role of Partnerships. In: Bationo, A., B. Waswa, J. M. Okeyo, F. Maina, J. Kihara (Eds) *Innovations as key to Revolution: Exploring the Scientific Facts*. Springer +Business Media. pp 71-82.
4. Okalebo, J. R., C. O. Othieno, S. O. Gudu, P. L. Woomeer, N. K. Karanja, C. Serrem, H. K. Maritim, N. Sanginga, A. Bationo, R. M. Muasya, A. O. Esilaba, A. Adesina, **P. O. Kisinyo**, A. O. Nekesa, M. N. Thuita and B. Waswa. (2011). The Africa Green Revolution and the Role of Partnerships. In: Bationo, A., B. Waswa, J. m. Okeyo, F. Maina, J. Kihara (Eds) *Innovations as key to Revolution: Exploring the Scientific Facts*. Springer +Business Media. pp 71-82.
5. Serem A.K., Martim H.K, Kipsat M., **Kisinyo P.** and Nyangueso P. (2007). Market integration and conduct analysis: An application of cattle markets in Uasin Gishu District, Kenya. In: Bationo., Waswa B., Kihara J. and Kimetu J. *Advances in Soil Fertility Management in Sub-Saharan Africa: Challenges and Opportunities*, pp 1013-1018.

C) **Conference Proceedings**

1. Ojala, D.O., Nyangweso P.M., Mudaki J.S., Zablun Evusa, Chacha, J., **Kisinyo P.** and Kiano E.K. (2014). Socio Economic Factors Influencing Smallholder Maize Farming In Migori County, Kenya, 10th Moi University Annual International Conference, Moi University, Kenya. 23rd – 27th September, 2014, pp. 226 – 239. ISBN: 9966-854-77-0
2. A musala G., Nyangweso P.M, Gudu S., Mose J.I, Inyanje L., Onkware A., Ochuodho J., Ouma E., **Kisinyo P.**, Mugalavai V., Okalebo J.R, Othieno C. O, Were B.A. (2012). Adoption of Drought Tolerant Sorghum in Western Kenya, The 8th African Farm Management Association Congress, Nairobi, Kenya, 25 – 29th November, 2012, pp. 87 – 97.
3. Gudu S, Ouma E., **Kisinyo P.O.**, Agalo J., Onkware A., and Were B.A. (2012). Enhancing maize grain yield in acid soils using aluminium tolerant germplasm. In: V.R. Ramakrishna Parama, A. Sathish, C.A. Srinivasamurthy, K. Sudhir, S.C. Kotur, Leon V. Kochian and N.B. Prakash (Eds). 8th International Symposium on Plant-Soil Interactions at Low pH. University of Agricultural Sciences, GKVK, Bengaluru, India, 18th – 22nd October, 2012, pp 94-95.
4. Gudu, S., Onkware Osoro, A., Were Angiyo, B., Too Jepkosgei, E., Ochuodho Onyango, J., Okalebo, J.R., Othieno Obiero, C. and **Kisinyo Oloo, P.** (2012). Improvement of sorghum for tolerance to stress and increased production and utilisation in Kenya. Proceedings of the Third RUFORUM Biennial Regional Conference, Entebbe, Uganda. 24 – 28th September 2012, 1369-1373. (ISSN: 1993-8462).
5. Pamela A. Obura, Darrell G. Schulze, Robert Okalebo, Caleb Othieno, **Peter Kisinyo**, Cliff Johnston and Kirin Rana (2010). Similarities and differences in the Chemistry and mineralogy of some acid soils from maize growing regions of Kenya, Uganda, Tanzania, and Brazil. *Australian Clay Minerals Conference August 2010*. Brisbane, Australia.
6. Okalebo, J. R., Othieno, C. O., Gudu, S., Ochuodho, J., Mbakaya, D., Ngetich, W., Serem, C., **Kisinyo, P. O.**, Nekesa, A. O., Njoroge, R., Kebeney, S., Amar, B. and Maghanga, J. (2010). Towards Food Security: Insight to Current Activities to Restore Soil Fertility in Western Kenya. *Proceedings of the 6th Annual international Moi University Conference*, 7- 11th September, 2010, pp. 37 -52
7. Omenyo, V. O., **Kisinyo, P. O.** and Maghanga, J. K. (2010). Effect of Lime and Phosphorous Application on Soil Properties and Early Growth of Soybean in Acid Soils of Uasin Gishu District, Kenya. *Proceedings of the 6th Annual international Moi University Conference*, 7- 11th September, 2010, pp. 54-63.
8. Kebeney, S. J., Okalebo, J. R., Othieno, C. O., Ng'etich, W. K., Serrem, C. K., **Kisinyo, P. O.** and Langat, B. K. (2010). Soya Bean (*Glycine max L.*) Response to Two Sources of Phosphorus on Acidic Soils of Kapsabet, Kenya. *Proceedings of the 6th Annual international Moi University Conference*, 7- 11th September, 2010, pp. 80-89
9. Chepng'eno, W., Langat, B. K., **Kisinyo, P.**, Ng'eno, V. K. and Kebenei, J. S. (2010). Marketing Channels for Smallholder Tea Leaf in Nandi North District in a Post Liberalization. *Proceedings of the 6th Annual international Moi University Conference*, 7- 11th September, 2010, pp. 201-207
10. J.R. Okalebo, A.O. Nekesa, K.W.Ndungu, C.O. Othieno, B.Jama, M. Tayeb Mrabet, D. Mbakaya, S.O. Gudu, **P. O. Kisinyo**, M. Bekunda, W. Ngetich, A. Ekwamu, C. Serrem, and A.O. Osundwa, (2009). Working with smallholder farmers in western Kenya to mitigate soil fertility depletion: A new practical and collaborative approach. Presented at the 9th African Crop Science Conference, 28 Sept, - 1 Oct, 2009. Cape Town, South Africa.
11. J.R. Okalebo, P.L Woome, C.O Othieno, S.O. Gudu, A.O. Nekesa, **P. O Kisinyo**, W. Ngetich, C. Serem, D. Lesueur, P. Pypers, B. Vanlauwe, R. Merckx, J. Bashir, D. Mbakaya, B. Amar, A. Ekwamu, M. Bekunda M.A. Osundwa and J. Ojiem, 2009. Some current efforts to raise maize and legume yields through expanded fertilizer and agricultural lime applications on acid soils of

- western Kenya. Presented at the 26th Conference of Soil Sci. Soc. of East Africa, 7-11th Dec, 2009, Arusha, Tanzania.
12. D.O. Ligeyo , S. Gudu , O.M. Odongo, **P.O. Kisinyo**, J.R. Okalebo and C.O. Othieno, 2008. A Review of Maize Breeding for Acid and Low Phosphorus Soils in Kenya. Proceedings of the Conference on Crop Production in Acid Soils, Sirikwa Hotel, Eldoret, Kenya, June 29th – 4th July 2008.
 13. J.R. Okalebo, S.O. Gudu, C.O. Othieno, **P.O. Kisinyo**, D.O. Ligeyo, P.A. Obura, J. Agalo, A.O. Nekesa, A. Onkware, G. Dangasuk, J. Ochuodho, R.M. Muasya and B. Were, 2008. Challenges towards the Success of African Green Revolution with Reference to East Africa Evolution. Proceedings of the Conference on Crop Production in Acid Soils, Sirikwa Hotel, Eldoret, Kenya, June 29th – 4th July 2008.
 14. **Kisinyo P.O.**, Gudu S.O., Othieno C.O., Okalebo J.R., Ochuodho J, Agalo J. and Ligeyo D.O. 2008. Residual Effect on Lime and Phosphorus Application on Soil and Maize Performance in Acid Soils of The Rift Valley Highlands of Kenya. Proceedings of the Conference on Crop Production in Acid Soils, Sirikwa Hotel, Eldoret, Kenya, June 29th – 4th July 2008.
 15. Kipsat M.J., Maritim H.K., Korir M.K., Serem A.K., Nyangueso, Okalebo J. R., **Kisinyo P.O** and Oyasi., 2007. The effect of soil conservation on optimum cropping patterns in Kericho District, Kenya. Proceedings of the 16th International Farm Management Association. Environment – Global Resource, 223 – 231.
 16. **P.O. Kisinyo**, C.O. Othieno, J. R, Okalebo, P. Opala, R.J. Osiyo, M. Kipsat. A. Serem and J.K. Maghanga 2006. Combined use of organic and inorganic fertilizers to replenish nitrogen and phosphorus in smallholder farmers in tropical Africa. Proceedings of the 23rd Soil Science Society of East Africa. Masaka Uganda 20th – 24th November 2006. pp 17-21
 17. Osiyo R.J., Okalebo J. R, Othieno C.O., **Kisinyo P.O.** and Opala P., 2006. Potential for restoring nitrogen: Role of tillage and crop residues incorporation in smallholder farming systems. Proceedings of the 23rd Soil Science Society of East Africa. Masaka Uganda 20th – 24th November 2006. pp 37-42.
 18. Osiyo R.J., Okalebo J. R, Othieno C.O, **Kisinyo P.O.** and Opala P., 2006. Effects of organic materials on Mijingu phosphate rock in acid soil of western Kenya. Proceedings of the 23rd Soil Science Society of East Africa. Masaka Uganda 20th – 24th November 2006. pp 43-45
 19. International Symposium on Phosphorus Dynamics in Soil Plant Continuum. Uberlandia, Brazil (14 –19th May 2006), pp 157-158. Gudu S., Okalebo J. R., Othieno C.O., Obura P.A., Ligeyo, D.O., Santana D.P., Schulze D., and **Kisinyo P.O.**, 2006. Maize response to phosphorus and lime on maize on marginal fertility soils of Western Kenya. Proceedings of the 3rd International Symposium on Phosphorus Dynamics in Soil Plant Continuum. Uberlandia, Brazil (14 –19th May 2006), pp 157-158.
 20. **Kisinyo P.O.**, Othieno C.O, Okalebo J.R., Kipsat M.J., Serem A.K. and Obiero D.O., 2005. Effects of lime and phosphorus application on early growth of leucaena in acid soils. Proceedings of the 7th African Crop Science Conference, Vol. 7:1233-1236.
 21. Okalebo J. R., Othieno C.O., Maritim H.K., Iruria D.M., Kipsat M.J., **Kisinyo P.O.**, Kimenye L., Mukwana E.J., Bationo A., Ekwamu A., Njoroge R.K., Thuita M., Nekesa A. O. and Ruto E.C, 2005. Management of soil fertility in western Kenya: experience working with smallholder farmers. The 7th African Crop Science Conference Proceedings, Vol. 7: 1210-1224.
 22. Omunyin E.M., Shibonje D.A., Okalebo J.R. and **Kisinyo P.**, 2005. Effects of grass ash on black aphids and yields nigh shade. The 7th African Crop Science Conference Proceedings, Vol. 7(1), 371-376.
 23. Kipsat M.J., Maritim H.K., , Serem A.K., Korir M.K., Nyangueso P.M., Iruria D.K., Okalebo J. R., , **Kisinyo P.O.**, Omollo P.O. and Anjichi V.E., 2005. Technical efficiency in smallholder maize production in Uasin Gishu District, Kenya .The 7th African Crop Science Conference Proceedings, Vol. 7: 979-981.

24. **Kisinyo, P. O.** and Othieno C. O., 2003. The role of arbuscular mycorrhiza in phosphorus acquisition in tropical agriculture – A review. The 6th African Crop Science Conference Proceedings, Vol. 6, 416-423.
25. **Kisinyo, P. O.** and Okalebo J.R., 2003. A review of laboratory methods used to extract soil available phosphorus. Proceedings of the 21st Conference of the Soil Science Society of East Africa, Eldoret Kenya Uganda (1st–5th Dec. 2003), pp 333-41.
26. **Kisinyo P. O.** and Othieno C. O., 2002. The role of food legumes in biological nitrogen fixation in smallholder farms in tropical Africa. Proceedings of the 20th Conference of the Soil Science Society of East Africa, Mable, Uganda, 2nd– 6th Dec. 2002, pp 153-158.

Scientific Conferences and Workshops Attended

1. 3rd International Interdisciplinary Conference (IIC) on Innovative Research for Sustainable Development. 7-9th September, 2016. University of Eldoret, Kenya. I presented a paper ***“Effects of micro dose inorganic farm inputs on maize performance on a western Kenya acid soil”***. **Authors: Kisinyo Peter Oloo**, Palapala Valerie Ademba and Opala Peter Asbsorn
2. 10th Egerton University International Conference and Agricultural Summit, 30th March- 1st April, 2016. FEDCOS Complex, Egerton University, Kenya. I presented a paper **“Agrochemicals use effects on soil fertility and heavy metals contamination on tobacco smallholder farms in Migori County, Kenya.**
3. 10th International Moi University conference, 24–27th September 2014. Moi University, Eldoret, Kenya. I Presented a paper
4. 7th International Moi University conference, 7–11th September. 2010 Moi University, Eldoret, Kenya. I Presented a paper
5. Sorghum Production in Eastern Africa, 29th Feb– 2nd March. 2010 at Sirikwa Hotel, Eldoret, Kenya. 7th International Moi University conference, 7–11th September. 2010 Moi University, Eldoret, Kenya. I Presented a paper
6. African Forestry Network (AFORNET), Hilton Hotel, 15th – 16th Feb. 2010. Nairobi, Kenya. 7th International Moi University conference, 7–11th September. 2010 Moi University, Eldoret, Kenya. I Presented a paper
7. Crop Production in Acid Soils. Sirikwa Hotel, Eldoret, Kenya, from 29th June - 4th July 2008. 7th International Moi University conference, 7–11th September. 2010 Moi University, Eldoret, Kenya. I Presented a paper
8. The 3rd Moi University Internal Conference, July 2007, Moi University, Kenya. 7th International Moi University conference, 7–11th September. 2010 Moi University, Eldoret, Kenya. I Presented a paper
9. The 23rd Soil Science Society of East African Conference 20th – 24th November, 2006. Masaka, Uganda. 7th International Moi University conference, 7–11th September. 2010 Moi University, Eldoret, Kenya. I Presented a paper
10. The 7th African Crop Science Conference, Dec. 2005. Entebbe, Uganda. 7th International Moi University conference, 7–11th September. 2010 Moi University, Eldoret, Kenya. I Presented a paper
11. The 6th African Crop Science Conference, 12th – 17th October, 2003, Nairobi, Kenya. 7th International Moi University conference, 7–11th September. 2010 Moi University, Eldoret, Kenya. I presented a paper.
12. The 21st Soil Science Society of East African Conference 1st – 5th Dec, 2003. Eldoret, Kenya 7th International Moi University conference, 7–11th September. 2010 Moi University, Eldoret, Kenya. I Presented a paper
13. The 20th Soil Science Society of East African Conference 2nd – 6th December, 2002. Mbale, Uganda. 7th International Moi University conference, 7–11th September. 2010 Moi University, Eldoret, Kenya. I Presented a paper

Workshops, Trainings and Short Courses

1. E-capacity training 8th – 9th November, 2017 at Rongo University.
2. Collaboration for open data capacity development in Africa Conference, 4th – 5th October, 2017, College of Agriculture and Veterinary Sciences, University of Nairobi, Kenya.
3. Enterprise risk management by Institute of Internal Auditors, 9-10th June, 2016, Rongo University
4. Crop Seeds Technology, Hubei Seed Company, 24th August-12 Sept, 2016, China
5. Communicating with users of Knowledge, 13-16th Oct., 2015. World Agroforestry Centre, Nairobi
6. Leadership and Management Training, 20th -21st May, 2015 Tausi Hotel, Homa Bay
7. Quality Assurance Workshop, 7th and 8th January, 2014, Tausi Hotel, Rodi Kopany, Kenya
8. Institutional Governance and Leadership, 29th Sept. 3rd October, 2014, Arusha, Tanzania.
9. Integrity Assurance Officers Course, 28th -31st January, 2014
10. Symposium on ANAFE, 25th – 29th August, 2014
11. Consultative Forum on Tapping Potentials for the Economic Growth, 9th – 10th August, 2013
12. Strategic Planning, 26-28th April, 2013. Kisumu Hotel.
13. Disability Mainstreaming, 20-30th July, 2013. Rongo University.
14. Wealth Creation in Africa, 15th – 16th February, 2010
15. Preparing Online Instructors on ODEL, 15th September – 1st October 2009
16. Campus-wide Research Workshop, 28th April 2006, 3rd May 2006 and 19th May 2006.
17. Afonet Workshop on Scientific Proposal Writing, 30th October - 2nd November 2006
18. Management in Changing Environment, 23rd – 27th May, 2005, Moi University
19. Computer proficiency, 4th May 2001
20. Communication Skills Development, 13-14th April, 2000
21. Communication Skills Development Course 13th – 14th April, 2000
22. Supervisory Management Skills, 26th – 27th May, 1998
23. Time Management Seminar, 17th April, 1997
24. Seminar on Tea Quality and Related aspects, 30th – 31st March 1994

Student Supervision**a) Post-graduate Supervision**

- Odhiambo Sam-Nkomo – To graduate with MSc student at University of Eldoret in 2017. Thesis title *“Effects of soil and water conservation technologies on physio-chemical characteristics and sorghum (*Sorghum bicolor. L.*) production in Siaya County, Kenya”*
- Evans Ouma -. Ph. D student at University of Eldoret, Graduated in 2015. Thesis title *“Genetic analysis and selection for phosphorus efficiency in Kenya maize (*Zea mays*.”*
- Matonyei Thomas Kibiwot- Ph. D student at University of Eldoret, Graduated in 2014. Thesis title *“Genetic diversity and mapping of aluminium tolerance quantitative trait loci in selected maize germplasm”.*
- Makweta Amos Joel - Graduated with M. Phil in 20115 at University of Eldoret. Thesis title *“Effect of harvesting methods and NPK on soil pH, soil and leaf major nutrients contents and yield of tea in Tanzania”.*
- Patrick Oluko - Graduated with M. Phil in 20115 at University of Eldoret.. Thesis title *“Effect of conservative agriculture on selected soil properties, maize and beans performance in Eastern Uganda and Western Kenya”.*
- Faith Wambui Wanjau – Graduated with M. Phil in 2010 at Moi University Thesis title *“The influence of charcoal application on soil fauna and fertility in central and western Kenya”*

- Esther Kathini Muema – Graduated with M. Phil in 2009 at Moi University. Thesis title “*Comparative effect of different quality organic resources on total soil bacterial diversity under two different environments in Kenya*”.
- Martha Nyantika - Ph.D student at University of Eldoret and is writing her thesis
- Robert Rotich- Ph.D student at University of Eldoret and is conducting research.
- Moses Abaja Nyamolo- Ph.D student at Rongo University and is conducting research.

b) Post-graduate thesis examination

- Mary Njeri Kifuko-Koech (Ph. D Thesis, 2013). Contribution of Desmodium to soil fertility rehabilitation and crop yield in Desmodium – maize intercropping system in western Kenya
- Marget Osundwa (MSc Thesis, 2013).
- Onyango Dorothy Akinyi (Msc Thesis, 2013). Isolation and characterization of acid tolerant groundnut (*Arachis hypogea* L.) nodulating rhizobia strains from western Kenya.
- Joel Kigen Kiplagat (MSc Thesis, 2013). Liming rates and modes for improved maize production in acid soils of North Kakamega and Ugenya Districts, Kenya.
- Mukhongo Ruth Wilhem (MSc Thesis, 2013). Combined Inoculation of microbial and chemical products on survival and growth of tissue cultured banana (Gros Mitchel CV.) in different Kenyan soils.
- Keziah Wairimu (Ph. D Thesis, 2012). Efficacy of Commercial Phosphate Solubilizing Biofertilizers in Improving Growth and yield legumes and Cereals in Kenyan Soils.
- Moses Thuita (Ph. D Thesis, 2012). Competitiveness and Persistence of Commercial Rhizobium Inoculants Applied to Promiscuous Soybean in Central and Western Kenya.
- George Matara (Msc Thesis, 2012). Effects of tractor-Inducec soil compaction on soil physical properties and sugarcane (*Saccharum officinarum*) growth

b) Under Graduate 4th Year Projects Successfully Supervised:

- Ayoma Braidley- 2017
- Njoroge Wairimu Ann- 2017
- Muthamo Poly njeri- 2017
- Naboth Ahoya – 2010.
- Violet Omenyo – 2009.
- Obiero Daniel Omondi - 2004.
- Kioko Fredrik Nzomo – 2004.

c) External Examiner

2017- to date: Maseno University

2017- to date: Kenya University

Professional Bodies Membership

- The Kenya Society for Agricultural Professionals (KESAP). Valid up to December, 31st 2018.
- Scholar Google
- Research Gate
- LinkedIn
- Soil Science Society of East Africa
- African Crop Science
- Reviewer for Science Domain International
- Reviewer for Discovery and Innovation Journal (D & I).
- Reviewer for Journal of Soil Science and Environmental Management (JSSEM)

- Reviewer for Experimental Agriculture

Funded Research Projects and Fellowships:

- 1. National Research Fund.** Soil and Plant Analysis Infrastructure at Rongo University. Year 2017-2018, KSh. 23.8 million,
- 2. McKnight Foundation:** Enhancing livelihood of smallholder farmers in Western and Eastern Kenya through Agro-ecological intensification with Sorghum based interventions. Year 2017-2021 USD 450,000
- 3. Carnegie African Diaspora Fellowship Program (CADFP):** Collaborative research proposal development to improve livelihoods of small holder farmers and mitigate environmental degradation in western Kenya and develop partnership on graduate students training. A fellowship Program between Delaware State and Rongo Universities Cost Sharing Program. Dec. 2016 – Nov. 2017.
- 4. McKnight Foundation:** Improving Food and Livelihood Security in the East and Horn of Africa Using Multiple Stress Tolerant Sorghum Cultivars. Research Period Yr 2015- 2017. US \$ 475,000.
- 5. National Commission for Science, Technology & Innovation and National Research Foundation.** Development of Maize Hybrids Tolerant to Maize Streak Virus and Soil Acidity Problems for Kenya and South Africa. Research Period April, 2014 to December, 2017. Ksh. 3,000, 000
- 6. National Council for Science and Technology:** Combating Food Insecurity in Western Kenya Using Maize and Sorghum Cultivars Adapted to *Drought, Low Fertility Acid Soils and Striga* Research Period Yr 2011- 2015. Ksh. 8,000, 000.
- 7. National Council for Science and Technology:** Mitigating land degradation and food insecurity in the tobacco growing region of southern Nyanza by use of economically viable and environmentally sustainable soil fertility management options. Research Period Yr 2011- 2014. Ksh. 6,000, 000.
- 8. McKnight Foundation:** Improving Food and Livelihood Security in the East and Horn of Africa Using Multiple Stress Tolerant Sorghum. Research Period Yr 2011- 2014. US \$ 432,000.
- 9. National Council for Science and Technology** – Funded in September, 2009 for I year at Ksh. 1,000, 000.
- 10. Alliance for Green Revolution in Africa(AGRA)** –Funded in 2008 for 3 years at US\$ 185, 000
- 11. McKnight Foundation** – Funded in 2007 – 2010 at US\$ 73,000

Community Service & Extension

- Member of Board of Management, Tingare Secondary School.
- Involved in Food Security Community Outreach in Siaya, Busia, Uasin Gishu and Migori Counties.

Other Professional Trainings: Introduction to windows 98 and Excel 2000, supervisory management skills, communication skills development, time management, change management and tea quality and related aspects among others, research proposal writing, writing scientific papers, procurement procedures, integrity and ethics, anti-corruption, Institutional leadership and management among others

Hobbies: Reading, preaching the word of God, watching football and traveling.

Referees

1. Prof. Samuel Gudu
Vice Chancellor,
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2. Prof. Stanley Shitote,
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3. Prof. Prof. Augustino Onkware,
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