



ORCHID: 0000-0001-7832-4118

Position: Research Scientist (*Forest/Environmental Economics*)

1. PERSONAL INFORMATION

1.1. NAME	Jonah Kipsaat Kiprop
1.2. ADDRESS	P.O Box 20412-00200, Nairobi
1.3. PHONE	+254724 100817
1.4. EMAIL ADDRESS	jkiprop@kefri.org or jonahkipsat@gmail.com
1.5. NATIONALITY	Kenyan
1.6. GENDER	Male

2. QUALIFICATIONS

2.1. Academic Qualifications

- 2011-2014: Master of Science in Agricultural and Applied Economics from Egerton University, Kenya with specialization in Agricultural and Rural Development from University of Pretoria, South Africa
- 2006-2010: Bachelor of Science in Agricultural Economics from Egerton University, Kenya, second class Honors (Upper Division)

2.2. Key Competencies

An Economist with expertise in agricultural and applied issues notably; forest economics, policy and governance, ecosystem services valuation, market analysis, value chain analysis, economic analysis and planning and monitoring and evaluation. I possesses excellent communication and interpersonal skills and able to work effectively independently or with teams.

Skills

- Ability to perform economic analysis and modeling
- Strong written and verbal communication skills
- Attention to detail

- Knowledge of most common economic software programs
- Fluent in English and Kiswahili

2.3. Other Courses

March - April 2009 Certificate in Statistical Package (SPSS) from Egerton University ICT Centre

Sept-Nov. 2013 Certificate in Applied Climatology (online study) from University of Reading England sponsored by Rockefeller foundation

3. EMPLOYMENT HISTORY

July 2020 - Date: Present Research Scientist I (Economist), Socio- Economics Policy and Governance, Kenya Forestry Research Institute

Sept.2015-June 2020 Research Scientist II (Economist), Socio- Economics Policy and Governance, Kenya Forestry Research Institute

May 2013 – Sept. 2015 Assistant Lecturer /Research fellow Egerton University

Aug. 2013 to Dec. 2013 Research Assistant for the Kenya Agribusiness and Agro Industry Alliance (KAAA), ESP New York and Egerton University Agribusiness Research on Commodity value chains (maize)

June 2010 to Sept. 2011 Graduate Clerk at Kenya Commercial Bank Moi's bridge branch

4. PUBLICATIONS

4.1. Journal papers

Macharia M.A, P.M. Mshenga, M. Ngigi, O.E. Gido. **Kiprop J.K.** (2014). Effect of Transaction Costs on Smallholder Maize Market Participation: Case of Kwanza District, Trans Nzoia County, Kenya. International Journal of Development and Sustainability 3(4); 715-725, 2014

Sigei K.G., Bett H.K., **Kiprop J.K.**, Odipo O.T., (2014). Factors Influencing the Choice of Marketing Outlets among Small-Scale Pineapple Farmers in Kericho County Kenya. International Journal of Regional Development. 1 (5) ; 51-56, 2014

Kiprop, J.K., Lagat J.K., Mshenga P.M., and Macharia M.A. (2015). Determining the Economic Value of Irrigation Water in Kerio Valley Basin (Kenya) By Residual Value Method. Journal of Economics and Sustainable Development 6 (7); 102-107, 2015

- Kiprop J.K.**, Kibet N., Mulungu K and Macharia A. (2015). Determinants of Farmer's Willingness To Pay For Irrigation Water In Smallholder Irrigation Schemes In Kerio Valley Basin, Kenya. *Journal of Sustainable Development* 10 (2); 135-142, 2017
- Cheboiwo J.K, **Kiprop J.**, Langat D.K., Cherono F. (2017). Socio-economic Factors Influencing Farm Forestry Investment Decisions in Kenya: The Case of Uasin Gishu and Vihiga Counties. *Journal of Resources Development and Management* (www.iiste.org), Vol.29, 2017
- Cheboiwo J.K., Langat D.K., **Kiprop J.** and Cherono F. (2017). The Influence of Land Quality on Allocation of Land for Farm Forest in Kenya: The Case of Vihiga County. *Journal of Economics and Sustainable Development* (www.iiste.org), Vol.8, No.4, 2017
- Cheboiwo J.K., Mutta D., **Kiprop J.**, Gatama S. Public Private Partnerships Opportunities for Forestry Sector Development in Kenya: Synthesis of Primary and Secondary Production Actors, and Trade. *Journal of Environment and Earth Science* (www.iiste.org), Vol.8, No.1, 2018
- Tuwei P., Ebby O., **Kiprop J.**, and Wanjiku J. Adoption of *Calliandra Calothyrsus* for Improved Dairy Production in Embu County, Kenya. *Journal of Biology, Agriculture and Healthcare* (www.iiste.org), Vol.9, No.10, 2019
- Kiprop J.**, Langat D.K, Cheboiwo J.K., Kagombe J, Kisiwa A. Gatama S and Okoth S. Value of Pollination Services in Farmlands Adjacent to Mau, Cherangany and Mt. Elgon Forests. *Journal of Natural Sciences Research* (www.iiste.org), Vol.9, No.10, 2019
- Tuwei P., Ebby O., **Kiprop J.**, and Wanjiku J. Management of *Prosopis Juliflora* Invasion in Baringo County, Kenya through Utilization. *Journal of Economics and Sustainable Development* (www.iiste.org), Vol.10, No.10, 2019

4.2. Books

- Langat, D., Cheboiwo, J., Okoth, S., **Kiprop, J.**, Kisiwa, A., Kagombe, J., Gatama, S., Guzha, A., Smith. N., Kanyanya, E., De Meo, D. Kerkering, J and Doud, B. (2019). 'The Value of Ecosystem Services of Mau Forest Complex, Cherangany Hills, and Mt. Elgon Forest Ecosystems', Ministry of Environment and Forestry, Nairobi, Kenya
- Cheboiwo, J., Langat, D., Muga, M., and **Kiprop, J.**, (2018). *Economic Analysis of Forest Landscape Restoration Options in Kenya*, Ministry of Environment and Forestry, Nairobi, Kenya

4.3. Technical Notes /Protocols/Guidelines

J K Cheboiwo, D Langat, P Ongugo, **J Kiprop** – 2017 A Guideline For Market Surveys For Farm Forestry Tree Products In Kenya

J Kiprop, V Oriwo, M Muga, R Othim, C Obonyo, Assessment of indigenous technical knowledge on production and utilization of Non Wood Forest Products (NWFPs) in Cherangany and Mt. Elgon Water Towers of Kenya, 2017

Kiprop J., and Cheboiwo, J. (2017). Fact sheet on investment returns of Eucalyptus grandis for poles and firewood

Langat, D., Cheboiwo, J., Okoth, S., **Kiprop, J.**, Kisiwa, A., Kagombe, J., Gatama, S., Guzha, A., Smith. N., Kanyanya, E., DeMeo, D. Kerkering, J and Doud, B..2018. Economic Value of the Water Towers in Kenya: Supporting Decision Making and Conservation of Kenya's Important Ecosystems. Information Brief, October 2018

Joshua K. Cheboiwo, Cherono, F and **Kiprop, J.** 2016. Understanding Markets for tree products in Kenya. Key goods and price trends. Miti The Tree Business Magazine for Africa Issue No. 30 April-June 2016 pp 5-10.

Joshua K. Cheboiwo and **Kiprop, J.** 2016. Diversified tree products in the East and Central Africa economy. Miti the Tree Business Magazine for Africa Issue No. 30 April-June 2016 pp 19-22

Cheboiwo J.K., Cherono F. and **Kiprop, J.** 2016. Understanding Markets for tree products in Kenya. Key goods and price trends. Miti The Tree Business Magazine for Africa Issue No. 30 April-June 2016 pp 5-10.

4.4. Policy Briefs

Landscape Restoration in Kenya Is it worth restoring degraded landscapes, IUCN/ Ministry of Environment and Forestry, Nairobi, Kenya

Landscape Restoration in Kenya Stocktaking of Key Innovations and Strategies. IUCN/ Ministry of Environment and Forestry, Nairobi, Kenya

Landscape Restoration in Kenya Addressing gender equality. IUCN/ Ministry of Environment and Forestry, Nairobi, Kenya

Impacts of Forest harvesting ban in Kenya: Is it a feasible way to sustainable forest management? Joram Kagombe, David Langat, Joshua Cheboiwo, Jonah Kiprop, Linus Wekesa, Paul Ongugo, M.T. Mbuvi and Nereoh Leley, July 2020

5. RESEARCH

5.1. Completed

Team Member Project Implementation Team for Kenya Water Tower Protection and Climate Change Mitigation and Adaptation (Water) Programme, Funded By European Union, 2016 - 2020

5.2. Ongoing research

Co-Principal Investigator Climate Smart Beekeeping for Improved Incomes, Food and Nutrition Security in Kajiado, Tana River and Siaya Counties October 2019-October 2021

Monitoring forest products markets and transboundary trade in Kenya and regionally

6. CONFERENCES/SEMINARS/WORKSHOPS

6.1. Presentation of Papers at Academic and Professional Conferences

Kiprop J.K., Lagat J. K and Mshenga (2015). Farmers' willingness to pay for irrigation water system as a mechanism for sustainable watershed management and enhanced food production in Kerio valley basin Kenya. Proceedings of the 9th Egerton University International Conference, 25th -27th March, 2015, Egerton University, Kenya

Kiprop J and Cheboiwo J. Markets and price trends for key tradable forest products in Kenya from 1999 – 2014. Paper presented during the 5th KEFRI scientific conference held on 17th -19th April 2018 at KEFRI headquarters, Muguga

Kiprop J., Langat D., Cheboiwo J., Kagombe J., Kisiwa A., Gatama S and Okoth S. Value of pollination services in farmlands adjacent to Mau, Cherangany and Mt. Elgon forests. Paper presented during the 5th KEFRI scientific conference held on 17th -19th April 2018 at KEFRI headquarters, Muguga

Langat D., Cheboiwo J., Okoth S., **Kiprop J.**, Kisiwa A., Kagombe J., Gatama S., Guzha a., Nikola S., Demeo T., Kerkering J and Doud B. The value of forest ecosystem services of Mau complex, Cherangany and Mt. Elgon. Paper presented during the 5th KEFRI scientific conference held on 17th -19th April 2018 at KEFRI headquarters, Muguga

Tuwei P., Chagala-Odera E., **Kiprop J** and Wanjiku J. 2018. Adoption of Calliandra calothyrsus fodder technology for improved domestic animals production in Embu County, Kenya. Paper presented during the 5th KEFRI scientific conference held on 17th -19th April 2018 at KEFRI headquarters, Muguga

Tuwei P., Chagala-Odera E., **Kiprop J** and Wanjiku J. 2018. Management of Prosopis juliflora invasion in Baringo County through utilization. Paper presented during the 5th KEFRI scientific conference held on 17th -19th April 2018 at KEFRI headquarters, Muguga

Gachie P., **Kiprop J.**, Cheboiwo J., Esitubi M., Mwaura J and Gathogo M. On-farm tree growing opportunities and constraints in Muranga County, Kenya. Paper presented during the 5th KEFRI scientific conference held on 17th -19th April 2018 at KEFRI headquarters, Muguga

Kisiwa A., Langat D., Gatama S., Okoth S., **Kiprop J.**, Cheboiwo J and Kagombe J. Community's perception of forest ecosystem services in Mau, Cherangany and Mt. Elgon and implications for management. Paper presented during the 5th KEFRI scientific conference held on 17th -19th April 2018 at KEFRI headquarters, Muguga

Obonyo C., Muga M., **Kiprop J.**, Othim R., Oriwo V., Ingutia C and Bor N. priority non-wood forest products in Cherangany hills ecosystem. Paper presented during the 5th KEFRI scientific conference held on 17th -19th April 2018 at KEFRI headquarters, Muguga

Jonah Kiprop and Dr. Joshua Cheboiwo, Computer Based Decision Support System for Optimization of Farm Forestry Land Uses in Kenya, Paper presented during the XXV IUFRO Congress in Brazil, October 2019

David Langat, Joshua Cheboiwo and **Jonah Kiprop**, Economic Value of The Mau Forest Complex, Cherangany Hills, And Mount Elgon Water Towers in Kenya, Paper presented during the XXV IUFRO Congress in Brazil, October 2019

6.2. Participation in Workshops/Conferences

9th Egerton University International Conference, 25th -27th March, 2015, Egerton University, Kenya

5th KEFRI scientific conference held on 17th -19th April 2018 at KEFRI headquarters, Muguga

7. PROFESSIONAL ENGAGEMENT

7.1. Training

Seminar on Forestry Capacity Cooperation for BRI Countries Held From 29th October – 18th November 2019 in Hangzhou, China

Climate Change and Food security Nexus Course organized by Wageningen Centre for Development and Innovation WCDI, Held from 10th -20th September 2018 at Wageningen University the Netherlands

Forest Management Certification Course Organized by Forest Society of Kenya and Forest Stewardship Council Held From 19th - 21st February 2018 at KEFRI Headquarters

Forest Practitioners Training Held From 20th -25th February 2017 at KEFRI Headquarters

Training on data processing and analysis using SPPSS and STATA sponsored by ICRISAT and ASARECA at Lake Naivasha Sawela lodge 17th-25th February 2013

7.2. Consultancies

March 2018 - October 2018 Consultancy on Economic Analysis of Forest Landscape Restoration Options in Kenya for Ministry of Environment and Forestry

Consultancy on Economic Valuation of Mau Forest Complex, Cherangany Hills and Mt. Elgon Water Towers in Kenya for USAID Kenya

8. EXTERNAL AND INTERNAL RESEARCH GRANTS

2019, Kenya Climate Project award for Smart Beekeeping for Improved Incomes, Food and Nutrition Security in Kajiado, Tana River and Siaya Counties

9. AWARDS AND RECOGNITION

African Economic Research Consortium masters scholarship award for joint elective specialization at the University of Pretoria from August to December 2012

10. CONTRIBUTION TO KEFRI's ADVANCEMENT

Contributing towards KEFRI's mandate through undertaking forestry research and provision of information and technical information to stakeholders to make informed decision on forestry investments in the Country.

11. MEMBERSHIP TO PROFESSIONAL BODIES

Member – Forest Society of Kenya

Member – African Association of Agricultural Economics

12. REFEREES

1. Dr. Joshua Cheboiwo
Director
Kenya Forestry Research Institute
P.O.BOX 20412 Nairobi
Mobile: 0722 464 469
E-mail: jkchemangare@yahoo.com

2. Prof. Patience Mshenga
Department of Agricultural Economics and Agribusiness Management
Egerton University
P.O.BOX 536,
Egerton
Tel: 0722 361 991
E-mail: patmapenzi@yahoo.com

3. Mr. Noah Kibet
University of Kabianga
P.O Box 5594-30100, Eldoret
Mobile: 0720 332 386
Email: noahkibet@gmail.com