

CURRICULUM VITAE

Personal Information

Full Name Dr. Samuel Njiri Ndirangu
Date of Birth 20th May, 1962
Gender Male
Workplace Address P.O. Box 6-60100, University of Embu
Telephone Number 0723987104
Email Address Ndirangu.samuel@embuni.ac.ke, samuelnjiri62@gmail.com

Qualifications

2013-2017: Doctor of Philosophy (PhD) Degree in Agricultural Economics, University of Nairobi, Kenya

1989-1993: Master of Science (MSc) Degree in Agricultural Economics, University of Nairobi, Kenya

1985-1988: Bachelor of Science (BSc) Degree in Agriculture, University of Nairobi, Kenya. Attained: Second Class Honours (Upper Division)

1982-1983: Kenya Advanced Certificate of Education Certificate (KACE), Alliance High School, Kenya. Attained: 3 Principals and 1 Subsidiary. Subjects examined: Physics, Chemistry, Biology and General Paper

1978-1981: Kenya Certificate of Education (KCE), Alliance High School, Kenya. Attained: Division 1. Subjects examined: Physics, Chemistry, Biology, Mathematics, Geography, CRE, Agriculture, English and Literature

1971-1977: Certificate of Primary Education (CPE). Attained: 35 Points. Subjects examined: Mathematics, English and General Subjects (History, Civics, Geography, Natural Science, Agriculture)

2021 Five-days Transformative Leadership Course, Kenya School of Government

2017 Three-days ISO 9001:2015 Quality Management System Implementation Course

2017 Three-days ISO 27001:2013 Information Security Management System Implementation Course (ISMS)

2018	Three-days Information Security Management System Internal Auditors Training Course based on ISO 9001:2015 & 19011:2011 International Maier Consulting Limited
2018	Three-days Information Security and Management System Internal auditors Training based on ISO 27001:2015 & ISO 19011:2011 by Maier Consulting Limited
2014	Three-days Training Workshop On Pedagogy and Andragogy by UoEM
2015	Five-days Integrity Assurance and Anti-Corruption by EACC
2010	Four-Weeks Senior Management Course, Government Training Institute Embu (2010)
2010	Five-days Computer Application to Project Management by EAST College
2008	One-Week Research and Consultancy Skills, Embu Institute of Agriculture (2008)
2008	One Week Curriculum Development Course, Embu Institute of Agriculture (2008)
2007	One-day Computer Course in Advanced Microsoft Office 2007
2007	One-Week Farming Systems Approach in Agricultural Development Course in Kilifi Institute of Agriculture (2007)
1995	Two-Weeks Training of Trainers Course in Guidance and Counseling and Institutional Management, Egerton University (1995)
1994	Two-Weeks Training of Trainers Course in Teaching Methods and Curriculum Development, Egerton University (1994)
1993	Two-weeks Trainer Course on Farm Management Analytical Tools and their Application by GTZ-Farm Management Support Project

Administrative Responsibilities

2019-To date	Dean, School of Agriculture, University of Embu
2019-2019	Acting Director Research and Extension, University of Embu, Kenya

2018-2018	Acting Director Research and Extension, University of Embu, Kenya
2013-2018:	Chairman of Department of Agricultural Economics and Extension, University of Embu, Kenya
2008-2012:	Deputy Principal, Embu Agricultural Staff Training (EAST) College, Kenya
2007-2008:	Head of Farming Systems Branch, Research Liaison Division, Ministry of Agriculture Headquarters, Nairobi
1998-2007:	Head, Department of Agricultural Economics, Bukura Agricultural College, Kakamega County, Kenya
1985-1985	Acting Deputy Headmaster, Bongo Secondary School, Nyandarua County, Kenya

Employment History/Work Experience

2021- To date:	Senior Lecturer, Department of Agricultural Economics and Extension, University of Embu, Kenya
2018-2021:	Lecturer, Department of Agricultural Economics and Extension, University of Embu, Kenya
2012-2018:	Assistant Lecturer, Department of Agricultural Economics and Extension, University of Embu, Kenya
2008-2012:	Deputy Principal, Embu Agricultural Staff Training (EAST) College
2006-2008:	Senior Agricultural Officer, Ministry of Agriculture Headquarters, Nairobi
2000-2007:	Senior Lecturer, Bukura Agricultural College, Kenya
1993-1997:	Lecture, Bukura Agricultural College, Kenya
1993-1997:	Part-time Trainer GTZ- Farm Management Support Project, Ministry of Agriculture Headquarters, Nairobi
1988-1989:	Divisional Agricultural Officer, Nandi Hills Division, Nandi County, Kenya
1984-1985:	Untrained Teacher, Bongo Secondary School, Nyandarua County, Kenya

Other Responsibilities

2021	Member, The University Reopening Planning Committee
2019	Chairman, University Training Committee
2020	Chairman, Farm Management Sub-committee on Monitoring and Evaluation
2019	Member, Deans Forum Planning Committee
2020	Member, The Budget Implementation Committee
2020	Member, The Job Description Analysis Committee (JDAC)
2020	Member, The University Enterprise Development Committee
2021	Member, The 6 th UOEM Graduation Planning Committee
2021	Member, The Committee On Review Of Academic Policies and Guidelines
2019	Chairman, Farm Management Sub-committee on Farm Business Plan Development
2019	Departmental Academic Programme Advisor for PhD Agricultural Economics

Postgraduate Supervision

Student Particulars

1. Eliud Kagete Murimi

Reg. No: A500/1091/2016
Completion Date: 13/9/2019
Graduation Year: 2019
Degree certificate: MSc in
Agricultural Resource
Management

Title of Thesis

Effects of Urban Development on Agricultural
Resources and Socio-Economic Livelihood Of
Smallholder Farmers in Peri-Urban Areas of Embu
Town

2. Daniel Musau Wambua

Reg. No: A510/1115/2016
Completion Date: 13/02/2020
Graduation Year: 2020
Degree certificate: MSc in
Agricultural Economics

Economic analysis of recommended technologies on
coffee performance among smallholder farmers in Embu
County

- 3. Francis Lekololi Ambetsa**
 Reg. No: A510/1114/2016
 Completion Date: 27/11/2020
 Graduation Year: 2020
 Degree certificate: MSc in
 Agricultural Economics

Adoption of best agronomic practices, technical efficiency and profitability of sugarcane production among smallholders in Malava Sub-county of Kakamega County, Kenya
- 4. Thomas Mbogo Mwangi**
 Reg. No: A510/1111/2016
 Completion Date: 18/11/2020
 Graduation Year: 2020
 Degree certificate: MSc in
 Agricultural Economics

Technical efficiency, profitability and market diversity among smallholder tomato farmers in Kirinyaga County
- 5. Samuel Okeyo Odhiambo**
 Reg. No: A510/1153/2017
 Completion Date: 14/10/2020
 Graduation Year: 2020
 Degree certificate: MSc in
 Agricultural Economics

Selected factors affecting sorghum adoption and productivity among small-scale farmers in Siaya County, Kenya
- 6. Kelvin Njuguna Karing’u**
 Reg. No: A510/1139/2017
 Completion Date: 14/10/2020
 Graduation Year: 2020
 Degree certificate: MSc in
 Agricultural Economics

Transaction costs and market participation among avocado smallholders in Murang’a County
- 7. John Kennedy Musyoka**
 Reg. No: A510/1209/2018
 Completion Date: 27/11/2020
 Graduation Year: 2020
 Degree certificate: MSc in
 Agricultural Economics

Farm-level supply and value addition of mangoes among small-scale producers in Machakos County
- 8. Debra Akeyo Onyango**
 Reg. No: A510/1236/2018
 Completion Date: 10/09/2021
 Graduation Year: 2021
 Degree certificate: MSc in
 Agricultural Economics

Climate Change Adaptation Information for Improved Agricultural Productivity in Lower Eastern Kenya
- 9. Evans Mathiu Mwiti**
 Reg. No: A510/1197/2018
 Completion Date: 10/09/2021

Technology Adoption, Production and Market Participation Among Smallholder Indigenous Chicken Farmers in Tigania West Sub-County, Meru County

Graduation Year: 2021
Degree certificate: MSc in
Agricultural Economics

10. Kevin Orangi Mauti

Reg. No: A510/1239/2018
Completion Date: 10/09/2021
Graduation Year: 2021
Degree certificate: MSc in
Agricultural Economics

Role of Information and Communication Technology
and Socio-Economic Factors on Marketing of Tomatoes
Among Smallholder Farmers in Kirinyaga County

11. Dominic Nthukuri Kathuri

Reg. No: A512/1193/2018
Completion Date: 16/09/2022
Graduation Year: 2022
Degree certificate: : MSc in
Agricultural Extension

Adoption of Recommended Technologies Along Banana
Value Chain and Its Effect on Productivity in Embu
West Sub-County

12. Moses Muchangi Njiru

Reg. No: A512/1194/2018
Completion Date: 16/09/2022
Graduation Year: 2022
Degree certificate: : MSc in
Agricultural Extension

Adoption Of Improved Cultivars And Productivity Of
Macadamia (*Macadamia Spp*) Farming Among Small-
Scale Farmers In Embu County, Kenya

Conferences

- The 13th Egerton University Virtual International Conference held from 24th - 26th November, 2020: Attended and presented an abstract/paper “**The Effect of Land Fragmentation on Returns to Factors of Production in Selected Agro-Ecological Zones in Embu County, Kenya**”

Publications

1. **Ndirangu**, Samuel Njiri, Stephen G. Mbogoh and O. L. E. Mbatia (2017). Effects of Land Fragmentation on Food Security in Three Agro-ecological Zones of Embu County in Kenya. Asian Journal of Agricultural Extension, Economics & Sociology 18(4):2320-7027
2. **Ndirangu**, Samuel Njiri, Stephen G. Mbogoh and O. L. E. Mbatia (2017). An Analysis of the Impact of Agro-Ecological Zones on the Influence of the Key Factors that Affect Food Security: The Case of the Embu County in Kenya. World Journal of Research and Review (5):64-72
3. **Ndirangu**, Samuel Njiri, Stephen G. Mbogoh and O. L. E. Mbatia (2018). Evaluation of the Elasticity of Farm Output among Smallholder Farmers in Selected Agro-Ecological Zones of

Embu County, Kenya. *Asian Journal of Agricultural Extension, Economics & Sociology* 26(3): 2320-7027

4. Murimi, Eliud K., Lucy K. Njeru, Bernard M. Gichimu and **Samuel N. Ndirangu** (2019). Effects of Urban Expansion on Agricultural Resources: A Case Study of Embu Town in Kenya. *Asian Journal of Agricultural Extension, Economics & Sociology* 33(4): 1-11.
5. Wambua Daniel M., **Samuel N. Ndirangu**, Lucy K. Njeru and Bernard M. Gichimu (2019). Effects of recommended improved crop technologies and socio-economic factors on coffee profitability among smallholder farmers in Embu County, Kenya. *African Journal of Agricultural Research* Vol. 14(34), pp. 1957-1966.
6. Ambetsa Francis Lekololi, Samuel Chege Mwangi and **Samuel Njiri Ndirangu** (2020). Technical efficiency and its determinants in sugarcane production among smallholder sugarcane farmers in Malava sub-county, Kenya. *African Journal of Agricultural Research* Vol. 15(3), pp. 351-360.
7. Mwangi Thomas Mbogo, **Samuel Njiri Ndirangu** and Hezron N. Isaboke (2020). Technical efficiency in tomato production among smallholder farmers in Kirinyaga County, Kenya. *African Journal of Agricultural Research* Vol. 16(5), pp. 667-677.
8. Okeyo Samuel O., **Samuel N. Ndirangu**, Hezron N. Isaboke and Lucy K. Njeru (2020). Determinants of sorghum productivity among small-scale farmers in Siaya County, Kenya. *African Journal of Agricultural Research* Vol. 16(5), pp. 722-731.
9. Karing'u Kelvin Njuguna, Hezron Nyarindo Isaboke and **Samuel Njiri Ndirangu** (2020). Transaction costs and participation in avocado export marketing in Murang'a County, Kenya. *Journal of Agribusiness in Developing and Emerging Economies*
<https://www.emerald.com/insight/2044-0839.htm>
10. Musyoka John Kennedy, Isaboke, Hezron Nyarindo and **Ndirangu, Samuel Njiri** (2020). Farm-Level Value Addition among Small-scale Mango Farmers in Machakos County, Kenya. *Journal of Agricultural Extension* Vol. 24 (3).

11. Okeyo Samuel O., **Samuel N. Ndirangu**, Hezron N. Isaboke, Lucy K. Njeru and Jane A. Omenda (2020). Analysis of the determinants of farmer participation in sorghum farming among small-scale farmers in Siaya County, Kenya. *Scientific African* 10 (2020) e00559
12. **Ndirangu Samuel Njiri** (2020). Effects of land fragmentation on farm efficiency in three agro-ecological zones of Embu County in Kenya. *African Journal of Agricultural Research* Vol. 17(2), pp. 283-291.
13. Wambua Daniel M., 1 Bernard M. Gichimu and **Samuel N. Ndirangu** (2021). Smallholder Coffee Productivity as Affected by Socioeconomic Factors and Technology Adoption. *International Journal of Agronomy* Volume 2021, Article ID 8852371, 8 pages
<https://doi.org/10.1155/2021/8852371>
14. Ambetsa Francis Lekololi, **Ndirangu, Samuel Njiri** and Mwangi, Samuel Chege (2021). Smallholder Sugarcane Farmers' Participation and Profitability of Factory Contracted Services in Malava Sub-County, Kenya. *Journal of Agricultural Extension* Vol. 25 (2)
15. Mathiu Evans Mwiti, **Samuel Njiri Ndirangu** and Samuel Chege Mwangi (2021). Production of indigenous poultry among smallholder farmers in Tigania West Meru County, Kenya. *African Journal of Agricultural Research* Vol. 17(5), pp. 705-713.
16. Onyango Debrah Akeyo, Hezron Rasugu Mogaka, **Samuel Njiri Ndirangu** and Kizito Kwena (2021). Household socio-economic factors influencing choice of agro-advisory dissemination pathways for climate change in semi-arid areas of Kenya Information. *Development* 1–12
17. Kevin Orangi Mauti, Ndirangu, **Samuel Njiri and Mwangi**, Samuel Chege (2021). Choice of Information and Communication Technology Tools in Tomato Marketing Among Smallholder Farmers in Kirinyaga County, Kenya. *Journal of Agricultural Extension* Vol. 25 (3)
<https://dx.doi.org/10.4314/jae.v25i3.8>
18. Kathuri Dominic Nthukuri, **Samuel Njiri Ndirangu** and Bernerd Gichimu. Technology Adoption and Input Application on Banana Productivity among Small-Scale Farmers in Embu West Sub-County. **Journal of Agricultural Extension Vol. 25 (4)**
19. Njiru, Moses Muchangi, Mogaka, Hezron Ruzungu, Ndirangu, **Samuel Njiri and Gichimu**, Bernard Mukiri (2021). Factors Influencing Adoption of Improved Cultivars of Macadamia

(*Macadamia* spp.) among Small-Scale Farmers in Embu County, Kenya. **Journal of Agricultural Extension Vol. 25 (4)**

20. **Ndirangu Samuel Njiri**, Stephen G. Mbogoh and O. L. E. Mbatia (2020). The Effect of Land Fragmentation on Returns to Factors of Production in Selected Agro- Ecological Zones in Embu County, Kenya. A paper presented at 13th Egerton University Virtual International Conference held from 24-26 November, 2020.
21. Karing’u kelvin Njuguna¹, Hezron Nyarindo Isaboke, **Samuel Njiri Ndirangu** (2022). Determinants of smallholders’ choice of avocado marketing outlets and profitability in Murang’a County, Kenya. SN Bus Econ (2022) 2:91 <https://doi.org/10.1007/s43546-022-00261-y>

Recognition

1. **Letter of commendation by the University of Embu** for meeting all the performance targets during the 2018/2019 performance management cycle
2. **Certificate of Appreciation awarded by the University of Embu** in appreciation for the outstanding contribution towards the University emerging as the **Top Performing State Corporation**
3. **Certificate of Distinguished Service awarded by Kenya School of Government** for being the class President in Transformative Leadership course held from 28th July 2021 to 2nd July 2021
4. **Certificate of Recognition Awarded by University of Embu** for outstanding contribution towards attainment of Excellent Score in 2014/2015 Performance Contract

Community Engagement and Other Contributions

Community Based Organization	Position/Scope/Core Objectives
United Vision (2007) Self-help Group based in Kiambu County registered by the Ministry of Labour, Social Security and Services	<ul style="list-style-type: none"> • Position: Founder Chairman • Core Business: Mobilize savings for joint investments and offer assistance to members in times of need. • Scope: 12 households who are represented by their Household Heads
United Vision Investment Limited	<ul style="list-style-type: none"> • Member, Board of Directors • A company registered by the United Vision (2007) Self-help Group to invest the savings

Presbyterian Church of East Africa Men Fellowship (PCMF) - Embu Town Church.	Committee Member
Nyagithua Family Welfare Group	Group Chairman Unregistered family welfare group
Board of Management (BOM), Rwanyambo Secondary School, Nyandarua County	Deputy Chairman

Referees

1. **Professor Stephen G. Mbogoh**
Department of Agricultural Economics
University of Nairobi
Email: steve2008sgm@yahoo.com
Telephone: 0722256653

2. **Professor Fredrick M. Njoka**
Dean of Students
University of Embu
Email: njoka.fredrick@embuni.ac.ke
Telephone: 0735917630

3. **Mr. John Kinyanjui Ndaba**
Chairman
United Vision (2007) Self-help Group
Mobile: 0721788526

I declare the above information to be true.

Name: **Dr. Samuel N. Ndirangu** Sign: Date: