**DETAILED CURICULUM VITAE**

1. **Personal details:**

**Name:** Milton Kengo Danda

**Date of birth:** 1958

**Place of birth:** Kinango Sub-County, Kwale County

**Nationality:** Kenyan

**Contacts:** Mobile-phone (24 hours): 0733-867537, 0727-969534

E-mail address: [mdkengo@gmail.com](mailto:mdkengo@gmail.com)

**Languages:** English, Kiswahili and Ki-Duruma

**Current Status: i) KARI/KALRO Retiree (formerly a socio-economist delivering bio-statistical and econometrics services)**

**ii) Professional consultant/advisor in agricultural systems, strategic management and business**

**B. Academic and professional progression and qualifications**

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| **School/University attended** | **Year** | **Qualification attained** |
| 1. Jomo Kenyatta University of Agriculture and Technology (JKUAT) 2. Egerton University 3. The Kenya Polytechnic 4. Egerton College 5. Taru Harambee Secondary School | 2014  2001  1994  1981  1977 | MBA (Marketing)  BSc. (Agric. Economics)  Dip. Applied Statistics  Dip. Range Mngt  Div. 11 (Two)- 25 points |

1. **List of professional courses attended**

|  |  |  |
| --- | --- | --- |
| **Year/month** | **Course title** | **Offering/sponsoring organization and place** |
| 2015 (August)  2015 (Feb)  2003 (December)  1997 (March)  1996 (June) | Participated in a ToT for KALRO’s Strategic Plan development  Participated in a ToT workshop for proposal and scientific report writing for scientists  Introductory social science data management analysis and interpretation using SPSS software  Advanced statistical computing and data analysis with SAS software  Application of statistical software (SAS) for Biometricians and Scientists | KALRO’s CRI – Ruiru  KALRO at KALRO – Njoro, Kenya  KARI (Mtwapa, Kenya)  NARO/EARNET (Kampala, Uganda)  KARI/ODA (DFID), (Egerton University, Kenya) |

1. **List of recent professional assignments done /completed**

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| --- | --- | --- | --- |
| **Task no.** | **Date** | **Task/Assignment description** | **Key role/deliverable** |
| 1 | March 2024 | Review of the Kwale County CIDP-III (2023-2027) | Lead Consultant |
| 2 | January 2024 | Sector Plans review for Kwale County | Lead Consultant |
| 3 | June/July 2023 | Writing an abridged version of the UpGro groundwater baseline study for Mukurumudzi River basin in Kwale County | Team Leader |
| 4 | January 2023 | Capacity building World Food Programme supported groups on business opportunity identification, business planning and management (including financial literacy) in Garisa and Tana-River Counties | Lead Trainer |
| 5 | 2021-to-date | Capacity building of community based interest groups on business development/planning and growth: special focus on agribusiness. Main client being MESPT Coast region | Lead consultant/trainer in business planning, developing monitoring and evaluation (M&E) and policy frameworks |
| 6 | October/Nov. 2022 | Design and coordination of an IRR-KLRO-NIA collaborative adoption and impact assessment study for Komboka rice variety in Kenya | In-country (Kenya) Team Leader and Coordinator |
| 7 | September 2022 | Analysis of the Mango value chain in Tana-River County | Lead consultant to the Concern Worldwide funded initiative |
| 8 | June 2022 | Consolidating Market Information for the Cashew nut Value Chain in Kenya | Lead Investigating scientist and report writer |
| 9 | April 2022 | Developing Samburu and Kinagoni Secondary Schools’ Strategic plans | Team Leader and advisor |
| **10** | March 2022 | Evaluation of capacity gaps and entrepreneurial training needs for special interest groups for socio-economic inclusivity | Lead Consultant and trainer |
| 11 | December 2021-January 2022 | Developing production guides/manuals for four (4) agricultural commodity value chains (Coconut, Cassava, Pineapple and Moringa) | Lead Consultant to the MESPT supported initiative |
| 12 | March 2021- March 2022 | Characterization of the coastal rice production systems: using a value chain approach | Principal Investigator |
| 13 | October 2020-to-date | Service provision and evaluation of the Tomato Value Chain improvement for productivity and profitability in Kwale County | Lead consultant to the NARIGP funded project |
| 14 | March 2020 | Analysis of the Coconut Value Chain in Kilifi County: an up-date for market based solutions | Team Leader (Technical report submitted to contracting authority) |
| 15 | Nov. 2019 | Farmers’ preference for rice varieties | Lead scientist/principal investigator (PI) (technical report and two papers done) |
| 16 | Feb 2019 | Feasibility study of the coconut value chain; a focus on the coconut shell for clean energy generation | Technical report done and outputs/results presented at an Agricen-funded workshop in Addis Ababa, Ethiopia |
| 17 | Feb-June 2018 | Kwale County Integrated Development Plan (CIDP) | Lead agriculturalist (review of the previous 5-year term and planning for the agricultural sector for 2018-2022 |
| 18 | June 2017 | Impact assessment of different crops’ technologies on household incomes and livelihoods | Team member/co-investigator (report done) |
| 19 | August 2018 | Impact of some selected livestock diseases on the productivity of the dairy enterprise in Nandi and Taita-Taveta counties | Team member/co-investigator (report done) |
| 20 | August 2015 | Maize (input-output) markets analysis in Easter Kenya: a value chain approach | Lead scientist/PI; technical report done |
| 21 | June 2014 | Evaluating preference for maize products in coastal lowland Kenya | Lead scientist/PI (technical report done and a journal article published |
| 22 | November 2011 | Characterization of indigenous chicken enterprise in coastal lowlands of Kenya | Lead scientist/PI (technical report done and a journal article published |

**E. Publications/Research Outputs**

**E.1.1 Authored and Co-authored book chapters**

**1.** H. James, C. Valdivia, W. Folk, D. Sheikh, F. Murithi, V. Gathara, **M. Kengo,** C. Bett and G. Mbure (2015). Assessing and communicating the risks and benefits of GM cassava in Kenya. In D. J. Bennet and P. J. Mitton (eds.), *Africa’s Future… Can Biosciences contribute?* Cambrdge, UK: Benson, 2015

**E. 1.2 Peer-reviewed Journal papers/articles**

**1.**  **Kengo Danda**, John Kimani, and Kyung-Ho Kang (**2022**): Farmers’ preference for rice traits: insights from farm surveys in busia county, Kenya. International Journal of Agriculture, ISSN 2520-4629X (Online) Vol.7, Issue 1, No. 1. PP. 1 - 12, 2022

2. **Kengo Danda M**., John M. Kimani, and Lee Sang-Bok (**2021**): Farmers’ Demonstrate Rationality and Transitivity in Variety Choice: Empirical Evidence From two Rice Growing Niches in Coastal Kenya; International Journal of Agriculture ISSN 2520-4629X (Online) Vol.6, Issue 1, No. 4. PP. 46 - 55, 2021

**3. Danda M. K.,** Munga T. L., Chiro C. T. (**2016)**. Comparing perception indexing with linear regression methods in estimating farmers’ demand for improved cassava and status of the seed dissemination in coastal Kenya. Paper accepted for publication in International Journal of Agriculture and Environmental Research

**4. Danda Kengo** and De Groote, Hugo (**2015**). Consumer preferences raise hope for increasing demand for maize products and maize research in Kenya. In tne Journal of finance, economics and applied research; Vol. 2, No. 2, April 2015, pp. 1-12

**5. Danda M. K.,** Muli, B. M., De Groote, H. and Murithi, F. M. (**2015**). A decision framework for resource poor smallholder maize producers based on results from empirical studies in the coastal lowlands of Kenya. In the academic journal of Development and Agricultural Economics Vol. 7 (3), pp 100-104.

**6. Danda M. K.**, Gichinga L. And Murithi F. M. (**2014**). Group approach makes a difference in technology adoption: a case study of small holder cassava farmers in the coastal lowlands of Kenya. In the Discourse Journal of Agriculture and Food science (JAFS), ISSN: 2346-7002; Volume 2 (6): 169-173, June 2014

7. **Kengo Danda**, Samuel Bimbuzi , Saeed Mwaguni, Festus Murithi and Hemedi Mkuzi**(2014).** Markets and gender interaction in climate change adaptation and mitigation: A case of the coastal Kenya sedentary farm households’ experiences. In the journal of environment and earth sciences. ISSN 2224-3216 (Paper) ISSN 2225-0948; Vol. 4, No. 7, 2014

**8.** Corinne Valdivia, **M. Kengo Danda**, Dekha Sheikh, Harvey S. James Jr., Violet Gathaara, Grace Mbure, Festus Murithi and William Folk (**2014**). Using translational research to enhance farmers’ voice: a case study of the potential introduction of GM cassava in Keanya’s coast. In the journal of Agriculture and Human values, DOI 10.1007/s 10460-014-9536-0

9. Hemdi Mkuzi, Saeed Mwaguni and **Kengo Danda** **(2013).** Resettling displaced people in a coastal zone mining project: Evaluating the agricultural and land use potential of the proposed settlement site: A case of Titanium mining in Kenya. In the journal of environment and earth sciences; ISSN 2224-3216 (Paper) ISSN 2225-0948; Vol. 3, No. 4, 2013

**10**. Hugo De Groote, Owuor G. Cheryl Doss, Ouma J., Lutta M. and **Danda M. K**., (**2005**). The maize green revolution in Kenya revisited. In the e-journal of Agricultural and Development Economics, Vol. 2, No. 1, 2005, pp 32-49

**11. Danda M. K**. and Lewa K. K. (**2004**). Concepts, operationalization and impacts of the Agricultural Technology and Information Response Initiative (ATIRI) in coastal Kenya. Lessons based on realities, possibilities and potential. In the Ugandan Journal of Agricultural Sciences, Vol. 9, No. 1, pgs 176-183.

**E. 1.3 Policy Briefs/Recommendation Outputs**

1. Nesbert Mangale, Angela N. Kathuku-Gitonga, **Kengo Danda** and Ezekiel Mare. 2015. Policy Brief On: Farm Tools and Machinery for Farming Operations in Smallholder Farms to Improve Agricultural Productivity

2. Nesbert Mangale, Angela N. Kathuku-Gitonga, **Kengo Danda** and Ezekiel Mare. 2015. A Policy Brief On: Addressing Operational Constraints in Mechanized Smallholder Farming To Improve Agricultural Productivity

3. Nesbert Mangale, Angela N. Kathuku-Gitonga, **Kengo Danda** and Ezekiel Mare. 2015. A Policy Brief On: Research on Mechanized Farming Operations

4. Nesbert Mangale, Angela N. Kathuku-Gitonga, **Kengo Danda** and Ezekiel Mare. 2015. A Policy Brief On: Mechanized Smallholder Farming Operations: Challenges, Opportunities and Policy Options

**E 1.4 Conference Papers:**

1. Valdivia, C. **Kengo M.**, Jimenez, E., and Turin, C. (**2015**). Climate  change,  global  drivers  and  local  decision  makers  in  rural  communities:  the  role of  translational  research,  and  adaptation  strategies  that  contribute  to  resilience. In the proceedings of the International Conference of Agricutural Economists; 28th August 2015, Milan Italy
2. **Danda M. K,** Mulinge W. M., Chivatsi W. S., Bimbuzi S. I. and Martim B. M., (**2012**). Storage losses of maize and pulses: farmers’ perceptions, mitigation strategies and recommendations for the coastal lowlands of Kenya. In the proceedings of the 13th biennial conference held at KARI headquarters; 22nd to 26rh October, 2012, pp
3. **Danda M. K**., Mulinge W.M, Lutta M. Lewa K. K. and Ndung‘u J. M. (**2012**). Is maize production economically competitive in the coastal lowlands of Kenya?: evidence from a farm level empirical study. In the proceedings of the International Conference on Agriculture, Science and engineering (ICASE2012), by the African Society for Scientific Research (ASSR), September 3-7 2012 Port Harcourt-Nigeria, pp 216-222
4. **Danda M. K**., Mwamachi D. M., Lewa K. K., (**2010**). Characterization of the indigenous chicken sub-sector in the coastal lowlands of Kenya: a socio-economic perspective. In the 12th KARI biennial scientific conference proceedings of 8th to 12th November 2010; KARI Headquarters, pgs 898-905.
5. **Danda M. K,** Mwamachi D. M, Moroa O. D, Kangunu F. and Jefa F (**2008**). Towards establishing focused points of intervention for the major agricultural enterprises in coastal lowland of Kenya: Methodological issues and evidence from an empirical study. . In the 11th KARI biennial scientific conference proceedings of November 2008; KARI Headquarters, pgs …..

**E 1.4 Co-authored conference papers and reports**

1. Muli M. B., Mzingirwa A., **D. Kengo** and R. Musila, (**2012**). Performance of drought tolerant maize varieties under water harvesting technologies in coastal Kenya. In the proceedings of the 13th biennial conference held at KARI headquarters; 22nd to 26rh October, 2012
2. Munga G. S., **Danda Kengo** and Bimbuzi S., (**2012**). Time and weather restricts honey bee (Apis mellifera L) foraging visits: empirical evidence for pesticide use in Kenya. In the proceedings of the 13th biennial conference held at KARI headquarters; 22nd to 26rh October, 2012

3. Lewa K. K., **Danda M. K.** and Muinga R. W., (**2010**): Spatial dimensions of poverty to demand and access of KARI technologies in coastal Kenya. In the proceedings of the KARI biennial scientific conference, 8th – 12th November 2010, KARI headquarters, pp….

Munga G. S., **Danda M. K** and Kahuro, (**2010**): Impact of the agricultural investment services on resource use and revenue generation: a case study of Mtwapa in coastal lowland Kenya. In the proceedings of the KARI biennial scientific conference, 8th – 12th November 2010, KARI headquarters, pp…..

1. **Teaching/Lecturing Record (Units taught on part-time lecturing at Pwani University since 2014 and JKUAT-Mombasa CBD Campus)**

* Probability and Statistics (P&S)
* Quantitative Techniques (QT)
* Introduction to Agricultural Economics
* Micro-economic theory (Microeconomics)
* Agricultural and agribusiness Production Economics
* Farm Management and Accounting
* Agricultural Price Analysis and Forecasting
* Agricultural Marketing
* Statistical Methods for research
* Agribusiness Research Methods and Statistical application packages
* Agribusiness Management Environment Policy
* Introduction to Entrepreneurship
* Agriculture and Enterprise development
* Agribusiness and food industries (commodity value chains development)

1. **Seminar Presentations done**

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| --- | --- | --- |
| **Date** | **Title of the presentation** | **Audience** |
| April 2022 | Business Opportunity Identification: an Informed and Effective Approach | Researchers and the business community |
| December 2021 | Insights about Theoretical and Conceptual Framework/s in research systems | Researchers (including students) |
| June 2021 | Business planning for the informal sub-sector | Practising and potential small and medium scale investors |
| December 2018 | Economics of marriage and divorce: a cross-cutting knowledge sharing exercise to demonstrate an informed choice framework | KALRO community (staff and students on attachment) |

1. **Other professional achievements**
2. **Personal Competences**

* Business planning and evaluation (including development of profitability analysis software tools)
* Data management (coding, entry/keying-in) analysis and interpretation with SAS, SPSS, Stata statistical software
* Participatory monitoring and evaluation (PM&E) capacity building
* Scientific/technical writing (**several journal/conference papers and reports**)
* Conferences and journal papers’ reviewer
* Conducting of capacity needs and gaps’ assessment for different community groups and institutions
* Proposal development for strategic inclusive pathways for special groups
* Strategic planning and communication consultant/trainer to middle level and senior managers
* Socio-economic research using participatory approaches (**over 20 years**) in problems and opportunity diagnosis, feasibility studies and impact assessments
* Commodity value chains research (analysis, modelling and chain up-grading) with emphasis on input-output markets mapping and use of the structure, conduct and performance (SCP) approach
* Enterprise economic and comparative analyses to facilitate investment decision making (maize, vegetables, coconut products and by-products)
* Crops’ spatial/agro-ecological suitability mapping for the Kenya coastal region
* Designing social (ex-ante and ex-post) surveys and experiments/trials
* Implementation and analysis of all types of assessments (ex-ante and ex-post studies)
* Design and implementation of business feasibility studies
* End of projects’ evaluation

1. **Responsibilities and/or Appointments**

* September 2022 to-date: Chairman for the Board of Management for Bang’a Secondary School, Puma Ward, Kinango Sub-County of Kwale County
* Member of the Team of experts for KCSAP Cashew Value chain strategy development
* **Country Director:** People Concern Kenya Ltd; a professional consultancy firm dealing with agricultural value chains analysis and upgrading as well as business planning advisory and analysis of big data (big data statistical analysis)
* October 2019 to-date:Member of the team of experts in the coconut value chain up-grading – Kilifi County
* **September 2019 to-date:** Appointed **Chairman of the Board of Management** (BVoM) for Samburu Secondary School
* **May 2019:** Appointed **Chairman of the Public Complaints Resolution Committee** for the Industrial Crops Research Institute (ICRI) of the Kenya Agricultural and Livestock Research Organization
* **May 2017:** Member of the **Team of Consultants** reviewing the 2013-2017 Kwale County Integrated Development Plan (CIDP) and writing the 2018-2022 CIDP**. Key function was to evaluate the CIDP-1 (2013-2017) processes, outputs, outcomes and impacts as well as provision of professional input to the agriculture sector for the CIDP-2 (2018-2022)**
* **October 2016:** Appointed by the Institute Director Industrial Crops Research Institute (ID-ICRI) as the lead Social Scientist to the Kenya Cereals Enhancement Project (KCEP)
* **2016 (April)**: Appointed Member of the Board of management (**Deputy-Chair**) Samburu Secondary School, Kwale County. Served in the Deputy Chair position up to September 2019
* 2015 (November): Nominated by the Institute Director to be in-charge of projects and processes monitoring and evaluation (M&E) and reporting for the Industrial Crops Research Institute
* **2015 (June):** Nominated as **a member of the task force for preparing KARLO’s Industrial Crops Research Centre** – Mtwapa strategic plan as well as representing ICRI to the overall (KALRO’s) organizational strategic plan
* 2014 to date: Teaching at Pwani University, Kenya (Economics and Agribusiness units)
* 2011 to-date: Appointed as Head of the Socio-economics, Analytics and Policy Development (SEPD) program at KALRO – Mtwapa centre
* **Principal Investigator** for various research funded projects including the CGIAR member organizations such as CIMMYT and the World Bank funded projects (KARP and KAPAP) and the Korea-Africa Food and Agriculture Cooperation Initiative (KAFACI) project
* **Contact collaborator** (at centre level) with the Kenya Costal Development Project (KCDP) in crops’ suitability mapping exercise and Templeton-University of Missouri GM-Cassava project

1. **Other cross-cutting achievements**

**J.1 Membership to Professional Associations**

* Member of the International Biometrics Society (IBS) – Kenya Chapter in charge of the Coastal Kenya Caucus
* Full member of the African Association of Agricultural Economists (AAAE)

**J.2 Demonstration for Team membership and player**

* 2019 t-odate: A successful/model poultry (layers) farmer in Kinango; an area most investors believe is agriculturally insolvent
* 2017/8: A team player in high level consultancy teams such as the Kwale County CIDP-2 where I successfully provided professional guidance in the County’s agriculture for food and income initiative
* 2016: PhD grant research winner from the African Economic Research Consortium (AERC). Research assignment: “Modelling welfare effects of a cassava value chain upgrading in coastal lowland Kenya.”
* As head of Socio-economics and Applied Statistics program, I have spear-headed in-house statistical, participatory research and value chains research capacity building for research scientists, technical officers and other stakeholders.
* Successfully completed several consultancy assignments including an assessment of the potential and socio-economic perspectives of displaced communities in a coastal zone mining site; the case of the Titanium mining in Maumba. A journal paper came out of this work and is is listed below.
* Part-time teaching/lecturing at Pwani University

**K. List of Referees**

1. Dr. Nesbert N. Mangale

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1. Prof H. M. Saha

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