

Stephen Kirama (PhD) CV

Summary

Stephen Luke Kirama [Cert (Philosophy); B.A (*hons*); M.A in Economics; PhD (Economics)]; is a **Senior Lecturer and Senior Consultant** at the Department of Economics University of Dar es Salaam and a **Research Fellow** at the Environmental for Development Tanzania (EfDT) Centre with over 12 (12) years' experience in the **Public Sector Economics, Transport Economics** (Roadway Pricing, Value for Money for Transport); **Health Economics** (health financing), **Infrastructure** (Energy (Natural Gas, Oil and Electricity), **Social Infrastructure** (Education and Health); **Poverty Analysis; Monitoring Evaluation (M&E) and Impact Evaluation.**

Before joining the Department of Economics, Kirama worked as a Senior Economist at the then Ministry of Communications and Transport in the Government of Tanzania (2003 -2005. Currently, Dr Kirama is a locally based Researcher and Senior Consultant with extensive experience in organizing, conducting and implementing field work, data management and report writing in Tanzania.. Dr Kirama interest on Research and Consultancies is but not limited to: Public Spending and Growth, Energy (Natural Gas, Oil and Electricity); Impact Evaluation, Natural Resources (Exhaustible and Renewable); Poverty Analysis and Wildlife. Dr Kirama's teaching subjects are currently Transport Economics; Health Economics, Energy Economics, Public Sector Economics, Monitoring and Evaluation and Quantitative Methods.

Relevant Links:

1. <https://sites.google.com/view/stephenkiramaphd/mwanzo> or
2. <https://efdinitiative.org/about-efd/people/kirama-stephen>
3. Google Scholar:

https://scholar.google.com/citations?hl=en&user=hPFpK4QAAAAJ&scilu=&scisig=AMD7900AAAAAXkfZtKKSQjoNjMy_gvEK9ZCBL4TXtZzX&gmla=AJsN-F7ifjMC4xcLBkOKwz0jwHF2RAuGfiXvdrCuTo6s55THegJ_bApiitFP5lISXh1mGkzv8gkDYbelUA2vAuvVqYacMRS6uYkKruMaSlhfnfbgVrW6yQk&sciund=12720886875148675600&gmla=AJsN-F7IIAZJEGYmUJ-MtXkXQM9XbyD2OTvUU1SMVCJbXsWW5D2pTUktNnIE-MCzEFsge17R1xWZcPYOQg3fS6Hl6Bs4wkrvYgBrBljDYIMcr1bvXCboWZU&sciund=11355079553262570258

1. **Position:** Senior Lecturer, Research Fellow and Senior Consultant
2. **Name of Firm:** School of Economics, Department of Applied Economics, & Environmental for Development Tanzania Centre at the University of Dar es Salaam
3. **Business address:** School of Economics, Department of Applied Economics , University of Dar es Salaam, P. O. Box 35045 Dar es Salaam, Tanzania.

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4. **Nationality:** Tanzanian

5. **Education:**

October, 2006 – November, 2014 PhD (Economics) with specialization in public sector economics, Health Economics, Poverty Analysis, Environment and Natural Resources and Development Economics.

October 2002–November 2004 MA. Economics (University of Dar es Salaam) Majored in Development Economics, Public Sector Economics, Transport Economics, Econometrics and Economic Planning & Policy Analysis.

October 1999- June 2002: B.A Economics (Hons) (University of Dar es Salaam) Majored in Intermediary Macroeconomics, Intermediary Microeconomics, Economic Policy and Planning, Monetary Economics, Public Finance, Development Economics and Labour Economics & Human Resources.

6. **Academic awards; certificates and fellowships:**

1. Fellowship Award, Brown University, Rhode Island, United States Fall Semester, 2009.
2. Visiting Foreign Fellow: Gothenburg University on the Advanced PhD Course on Natural Resources Economics
3. Visiting Foreign Fellow: University of Cape Town for the Collaborative Research on Optimal Park Pricing in Maasai Mara, Serengeti and Kruger National Park.

7. **Other training courses:**

1. Training on the **Fundamentals of the Pedagogy**, Virtual Learning Course from the University of Wyoming, Teton Science Schools from 7th October to 9th December, 2020. Coverage was on historical roots of reflective teaching; science of learning and approaches to learning; Why and How should reflective thought be used to improve our teaching; applying constructive Alignment to Outcomes: Based Teaching and Learning; Learning Approaches; amongst others.
2. Training on Trainers (TOT) on Entrepreneurship and Innovation Courses through Innovative Teaching and learning Pedagogies. Coverage included Introduction the concepts of entrepreneurship and innovation; problem based and interactive learning; innovation and its relationship to economic development; Social Values and Business Values; Mapping an Innovation Ecosystem; How to get the best from group works and reflection on what works in interactive learning (mentimeter exercise). TOR was conducted at the University of Dar es Salaam, New Library, **11th to 13th March, 2020**
3. Training on Pedagogical Leadership in Africa (Pedal) Training. The objective of the Pedal training was to enhance the competencies of teaching staff to integrate pedagogical innovations in a cross section of university programmes and ensure Technology Enhancement Learning and Learning Management System (LMS) with introduction to technology integration to enhance teaching and learning concepts that infuse digital tools, multimedia process and online resources at White sands Hotel from **20th Jan to 29th Jan, 2020.**

4. TOT training course on the new features on **PlanREP, FFARS, EPICOR and LGRCIS** for the Staffs from PO-RALG, Regions, LGAs, Ministries, PS₃ and other GoT institutions and agencies. The TOT is the first line of support and is tasked with the training and supportive supervision of users/staffs at respective institutions (PO-RALG, Regions and LGA). Royal Village Hotel, **Dodoma 10th – 11th, December 2018**
 5. **Impact Evaluation and Monte Carlo Simulation Technical Training** in Nairobi from 1st March to 15th of March 2018 in Nairobi Kenya. The objective of the training was to provide participants with better knowledge about the theory and practice of impact analyses in developing countries. Special Attention was given to the impact of the financial inclusion projects. Practical examples were conducted using Stata Program. Second objective of this training is to build the capacity of the participants in the use of Monte Carlo simulations **techniques for economic and financial modelling**
 6. Course on Monitoring and Evaluation by Setym International Inc. Montreal, Quebec Canada. This course covered Project Management; Perform Indicators; Result Chain and Conceptual Framework; Risk Management and Planning; Project Planning; Development of Performance Indicators; Data Collection and Processing Project Monitoring and Control April 11 to April 22, 2005
 7. Advanced Training on Randomized Control Trials, University of Cape Town, Republic of South Africa, January 2014.
 8. Training on **System of Health Accounts (SHA)** for Strengthening Capacity in Health Financing in Tanzania, University of Dar es Salaam, 2013.
 9. Training on Geographical Information Systems (GIS) organized by Department of Geography, University of Dar es Salaam, August, 2013.
 10. Training Course on Panel Data Econometrics, organized by the Department of Economics University of Dar es Salaam, and Gothenburg University, Department of Economics June, 2012
8. **Employment record:** (Permanent and Part-time)
- November, 18th 2021)** **Senior Lecturer**, Department of Applied Economics, School of Economics, University of Dar es Salaam.
- Aug to Dec 2019** **Political Economy Analysis (PEA) Advisor**, Mid Term Review (MTR), Institute for Inclusive Development (DI4D), contracted by **Triple Line Consulting Limited**. **the main objective of the project is helping government be more effective in delivering inclusive development. The main duty is to help the implementers and guide them through the Tanzanian political economy.**
- 2015 – 2020 (part-time)** **Senior Advisor, Financing Component of Public Sector Systems Strengthening Project (PS₃) in Tanzania sponsored by USAID:** The main goal of the project is to provide technical assistance to the Government of Tanzania to strengthen public sector systems in support of the delivery, quality, and use of public services, particularly for underserved populations. The project covers **thirteen (13) regions** namely: Kagera, Kigoma, Lindi, Mara, Mbeya, Morogoro, Mtwara, Mwanza, Njombe, Rukwa and Shinyanga and **ninety-seven (97) Local Government Authorities (LGAs)** in the above regions. The project has two

Phases, Phase I covering two LGAs for each region and Phase II covering the remaining LGAs

2014 – to date **Lecturer, Research Fellow & Senior Consultant**, Department of Economics, University of Dar es Salaam. Some key areas of consultancy/research have been: Education (Primary, Secondary and Tertiary Education); Health (Health Care financing and Public Incidence Analysis on Education and Health); Rural Electrification; Marine Protected Areas; Natural Gas and Petroleum, Forests and Deforestations; Public expenditure review on infrastructure; development of biofuels policy in Tanzania; small hydro power plants, fertilizer and smallholding farming; Local ecosystems based solutions in the Lake zone, Park Pricing and Natural Resource Accounting.

May 2005-2013 Assistant Lecturer & Consultant, Department of Economics, University of Dar es Salaam. Teaching Macroeconomics Analysis II, Labour Economics and Human Resources, Public Sector Economics (Masters); Public Finance; Economic Policy, Planning and Programming; Research Methods and Mathematics for Economists.

April 2004- May 2005 Senior Economist, Ministry of Communications and Transport, Tanzania Meteorological Agency (TMA). Duties were preparation of Annual Budgets for the Agency, Project Formulation, Monitoring and Evaluation, Preparation of Business Plan and Strategic Plan, Action plans and Overall in charge of Policy and Planning Section

9. **Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
Swahili	1	1	1
English	1	1	1
French	5	5	5

10. **Project references (Selected Consultancies and Assignment Relating to Training)**

- **Senior Advisor, Financing Component of Public Sector Systems Strengthening Project (PS3 and PS3 Plus); A USAID funded project in Tanzania:** The main goal of the project is to provide technical assistance to the Government of Tanzania to strengthen public sector systems in support of the delivery, quality, and use of public services, particularly for underserved populations. The project covers thirteen (13) regions namely: Kagera, Kigoma, Lindi, Mara, Mbeya, Morogoro, Mtwara, Mwanza, Njombe, Rukwa and Shinyanga and all the ninety-seven (97) Local Government Authorities (LGAs) in the above regions. The project has two Phases, Phase I covering two LGAs for each region and Phase II covering the remaining LGAs. **A five year project from 2020 to 2025**
- **Senior Advisor, Financing Component of Public Sector Systems Strengthening Project (PS3); A USAID funded project in Tanzania:** The main goal of the project is to provide technical assistance to the Government of Tanzania to strengthen public sector systems in support of the delivery, quality, and use of public services, particularly for underserved populations. The project covers thirteen (13) regions namely: Kagera, Kigoma, Lindi, Mara, Mbeya, Morogoro, Mtwara, Mwanza, Njombe, Rukwa and Shinyanga and all the ninety-seven (97) Local Government Authorities (LGAs) in the above regions. The project has two Phases, Phase I covering two LGAs for each region and Phase II covering the remaining LGAs. **A five years project from 2015 - 2020**

- **Interviewer and Team Member** on the Study on **Public Facility Management and Governance** for the nine (9) Local Government Authorities, covering 72 facilities (Health Centres, Primary Schools and Secondary Schools and Dispensaries) on health and education sector. USAID through PS3 project has assisted the government of Tanzania to implement a package of interventions that affect how health facilities and schools are managed and governed.
- Trainer on **Monitoring and Evaluation** to the Civil Society Organisation (CSO) contracted by the Foundation for Civil Society. Coverage included, planning for M&E, Data Collection on M&E, Report writing for M&E, Report Presentation and Preparation of the Policy Briefs
- Local Researcher, on **Evidence Based Research on the Sustainability of Budget Financing on Large Scale Infrastructure** Projects in Tanzania 2010 to 2019, contracted by REPOA under the auspices of Uongozi Institute. The Research involved identifying and conduct an in-depth analysis of five (5) projects under five (5) Ministries: Education, Health, Water, **Energy** and Works, Communication and Transport. **Period of Study December, 2019 to April, 2020.**
- **Team Lead and Researcher**, Cost Benefit Analysis of the Tanzania Artisanal Pelagic Fisheries: The Case Study of Tanga and Mtwara Coastal Region. The objective of this research is to conduct cost benefit analysis so that it can help to support decision making in the sustainable use and management of the coastal and marine resources of Tanzania, it is very important that the economic value of all ecosystem. **Period of Study June 2018 to December 2018**
- **Consultant on Evaluation of the Impact of the Rural Electrification and Cost Benefit Analysis JUMEME Electricity Supply** in Selected Villages in Mwanza, Shinyanga and Tabora, contracted by JUMEME. JUMEME is a private power developer company aiming to generate and distribute electricity to selected remote villages which are not accessible to the National Grid by TANESCO or in the REA rural electrification project. **Project Period 2015- 2019**
- **Team Lead and Researcher**, Research Study on the **Electrifying rural Tanzania: Grid Extension and Reliability Improvement Intervention**, contract **ORIO10/TZ/01** contracted by Leibniz Institute for Economic Research (RWI) through the Ministry of Foreign Affairs, Netherlands. The study covered Mpanda, Katavi, Ngara, Biharamulo and Geita. Organised the field work; recruitment and training of enumerators, field logistics, data collection, coding, entry and preliminary analysis. The main objective of the research was to assess the energy access and use, impact of livelihood and assessment of cost benefit analysis of the ORIO Project. **Project Started in 2014 to 2018 (From Baseline Survey to Endline Survey)**
- Field Manager, Research Study on the **Small Hydropower Projects in the Southern Highlands Tanzania**. Organised the field work; recruitment and training of enumerators, field logistics, data collection, coding, entry and preliminary analysis. The Team constitute 2 Consultants, One Team, One Supervisors and 8 Enumerators. **Period of the Project 2010 to 2011**
- Team member: Consultancy on **Developing the Biofuel Policy Framework for Tanzania**. Assignment on this was to develop and establish the socio economic conditions for the policy. Data was collection from the biofuels growers, producers and related organizations. **Period of the Project June 2009 to December 2010.**
- **Local Consultant**, Efficiency Gains in Infrastructure Investments Projects (**Roads Construction and Road Network**) in Tanzania, contracted by the World Bank and submitted required reports on **Measuring the Value for Money (VfM) for Transport Sector in Tanzania** in **June – October, 2016.**
- Principal Investigator, **Evaluation of ORIO Projects – Rehabilitation of Kilimanjaro International Airport in Tanzania (OR10/TZ/21)** contracted by Erasmus Mundi University – Rotterdam and the Government of Netherlands. The main tasks included review of relevant project documents, assist establishing contact with relevant stakeholders, preparation of field visits, conduct

interviews with relevant stakeholders in Tanzania, contribute to the elaboration of the study case report and respond to feedback of the Ministry of Foreign Affairs on the draft Evaluation Report (*Time Period: July – November, 2019*)

- Field Manager on the Study: **Impact Evaluation** of the Rural Water and Sanitation Program in Tanzania sponsored by the African Development Bank: Organized recruitment of enumerators and supervisors, training of enumerators and supervisors, pilot test of the instruments, field logistics, coding, data entry and preliminary analysis. The team constitute 38 enumerators, six supervisors, four deputy field managers and 12 data entry agents. **Period of Study August 2012 to June 2013**
- Local Consultant: **Economic Analysis of State Owned Enterprises** in Tanzania, hired by the World Bank. Main role to conduct economic analysis of 265 SOEs for three financial years. **Period of Study June 2018 to June 2019.**
- Local Consultant: **Project Investment Portfolio for Tanzania**: I was contracted by **World Bank**. Tasks were Data Collection on Project Investment Portfolio in Tanzania covering interactions between sector ministries and the Treasury, special purpose funds and the Treasury as well as parastatals and the treasury. Involved sectors were Education, Health, Transport, Infrastructure and Energy. **Period of Study June 2005 to June 2006**
- Local Consultant: **Fiscal Cost of Infrastructure Provision**: in Tanzania Creating a Baseline. I was contracted by **World Bank**. Tasks were Data Collection on baseline survey, documenting the budgeting process followed in Tanzania covering interactions between central ministries including Energy, Transport, Finance and Infrastructure Development. **Period of Study June 2004 to June 2005**
- *Trainer*: Workshop on Poverty Policy Analysis and Report Writing to Middle Level Civil Servants of the United Republic of Tanzania, (different Ministries) at Regency Hotel in Dar es Salaam
- Communication and Dissemination Officer at the Environment for Development Tanzania (EfDT).

14. Publications:

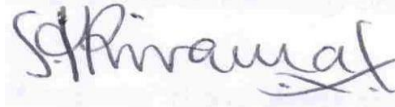
1. Kirama, Stephen L. (2021) "Public Social Spending and Poverty in Tanzania: A Benefit Incidence Analysis" in Tanzania Economic Review, School of Economics, Vol. 11:1; pgs 35-56 Link: <https://ter.udsm.ac.tz/index.php/ter/issue/view/11>
<https://journals.udsm.ac.tz/index.php/ter/issue/view/504>
2. Sambuo, Damian; Kitata, Malamsha, Kirama, Stephen (2020) Analysis of fish Landing Price on Subjective Wellbeing of Fishers Around Lake Victoria, Tanzania" in Journal of Happiness Studies, Springer Nature B.V, Vol 21:1, pgs 1823 – 1839. Link <https://doi.org/10.1007/s10902-019-00158-y>
3. Sambuo, Damian; Kitata, Malamsha, Kirama, Stephen (2020) "Two Stage Hedonic Price Analysis of Fish Attributes around Lake Victoria, Tanzania; in East African Journal of Social and Applied Sciences (EAJ-SAS; Vol. 2, No. 2 published by Moshi Co operative University. Link: http://mocu.ac.tz/wp-content/uploads/2020/10/PAPER-18_SAMBUO_TWO-STAGE-HEDONIC-PRICE-ANALYSIS-OF-FISH-ATTRIBUTES-AROUND-LAKE-VICTORIA-TANZANIA.pdf
4. Mataba, Lucas; Aikaeli, Jehovaness; Kirama, Stephen (2017) "The Link Between Cost Efficiency and Non-Performing Loans of Community Banks in Tanzania" in Tanzania Economic Review, Department of Economics, University of Dar es Salaam ISSN 0856-3373 <http://journals.udsm.ac.tz/index.php/ter/article/view/2471>

5. Sambuo, Damian; Kirama, Stephen; Kitala, Malamsha (2018) "Fish Price Determination Around Lake Victoria, Tanzania: Analysis of Factors Affecting Fish Landing Price", in Global Business Review DOI: 10.1177/0972150917811509
<https://journals.sagepub.com/doi/full/10.1177/0972150917811509>
6. Kirama, Stephen, Kemp, Alex, Taylor Rose (2018) "Assessment of Local Content and Local Community Participation in the Gas Discoveries Sites in Tanzania", Book Chapter in Scientific, Legal and Socioeconomic Aspects of Oil and Gas in Tanzania pg 96 – 110 ISBN: 9789976535518, published by TUKI University of Dar es Salaam
7. Kahyarara, Godius and Kirama, Stephen (2016) "A Strategic Approach to Education and Skills Growth: Quantity, Quality, Costs and Developmental Dividends" in Rwegasira, D; Mbelle, A and Aikaeli, J Ed. *The Economy of Mainland Tanzania into the 2000s: Productivity, Human Capital, and Other Leading Issues*, Dar es Salaam University Press ISBN 978 9976 60 5921, pgs. 78 – 99
8. Kirama, Stephen (2016) "Growth and Redistribution Components of Changes in Poverty Measures: Household Budget Survey Analysis 2007 and 2014", in *Tanzania Economic Review (TER)* Vol. 6:1&2, pg. 80 – 102 <http://journals.udsm.ac.tz/index.php/ter/article/view/1053>
9. Albers, J., Preonas, L. Madrigal, R. Robinson, E.J.Z, Kirama, S., Lokina R.B, Turpie, J and Alpizar, F. (2015) "Marine Protected Areas in Artisanal Fisheries: A Spatial bio-economic model based on observation in Costa Rica and Tanzania", in Environment for Development Discussion Papers Series 15 – 16 <http://www.efdnitiative.org/publications/marine-protected-p...>
10. Karamagi, I.J., I.M. Pantaleo, and S.L. Kirama (2010). "Admission Qualifications and Performance in Tertiary Education: A Case of Undergraduate Programmes at the University of Dar es Salaam", *Tanzanian Economic Trends*, Vol. 21 No.1, 2010: 93-114.
11. Pantaleo, I.M., I.J. Karamagi and S.L. Kirama (2011). "The Distribution of Education Resources among A-Level Secondary Schools in Tanzania", in G. Kahyarara, L. Lokina and J. Mduma Ed. *Efficacy of Tanzanian Higher Education: Productivity, Efficiency and Equity*, Dar es Salaam: Dar es Salaam University Press.
12. Osoro, Otieno; Kirama, Stephen; Vermeulen Patrick (2014) "Factors Affecting Engagement and Commercialization Of Innovation Activities of Firms in Tanzania", *Tanzania Economic Review (TER)* Vol. 14, Nos 1&2; 2014
13. Hapelwa A.; Kirama, S. and Dauda M (2014) "*Baseline Survey and Capacity Need Assessments for strengthening the role of CSOs in delivering sustainable energy solutions in Tanzania*" WWF Research Report
14. Hapelwa A.; Kirama, S. and Dauda M (2014) "*Evidence Based Research and Policy Review on Oil and Natural Gas Sector in Tanzania*" WWF Research Report
15. Kirama, Stephen L. (2012) "*Growth and Redistribution Components of Changes in Poverty Measures: A Decomposition Analysis with Application to Household Budget surveys' Data in Tanzania*", presented at Inclusive Growth Conference: Measurement, Causes and Consequences, in UNU-WIDER, Finland. (see at [youtube.com/watch?v=dcFM_ubWzvg](https://www.youtube.com/watch?v=dcFM_ubWzvg))
16. Todd, B.; Kirama, S; and Selejo O. (2011) "The Supply of inorganic fertilizers to smallholder farmers in Tanzania: Evidence for Fertilizer Policy Development"; A Research Report
17. Robinson E.; Albers J; Kirama, S. (2015) "The Role of Incentives for Sustainable Implementation of Marine Protected Areas: An Example from Tanzania" in *Special Issue of the Journal of Sustainable Society*, Vol 6:1&2, pg 28-46. DOI: 10.1504/IJSOC.2014.057888

18. Kirama, Stephen L, (2004), "Determinants of Poverty in Tanzania: Household Budget Survey Analysis 2000/01", (unpublished) MA. Economics Dissertation, University of Dar es Salaam, Tanzania.
19. Thomas Sterner, Yonas Alem, Francisco Alpizar, Cyndi Spindell Berck, Carlos Alberto Chavez Rebolledo, Johane Dikgang, **Stephen Kirama**, Gunnar Köhlin, Jane Mariara-Kabubo, Alemu Mekonnen and Jintao Xu (2014). The Environment for Development Initiative: lessons learned in research, academic capacity building and policy intervention to manage resources for sustainable growth. Environment and Development Economics, 19, pp 367-391 DOI:
 - a. <http://dx.doi.org/10.1017/S1355770X1400014X> (About DOI), Published online: 2014

Certification

I, the undersigned, certify that (i) to the best of my knowledge and belief, this CV correctly describes me, my qualifications, and my experiences; (ii) that I am available to undertake the assignment for which I am proposed; and (iii) that I am proposed by only one Offerer and under one proposal. I understand that any wilful misstatement or misrepresentation herein may lead to my disqualification or removal from the selected team undertaking the assignment.



9th December 2021,

Dr. Stephen Kirama

Name of expert

Signature

Date