
Dr. Regret Sunge

Economist,
Lecturer,
Researcher

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Personal Details



Date of Birth: 17 March 1986



Place of Birth: Bulawayo, Zimbabwe



Gender: Male



Nationality: Zimbabwean



Marital Status: Married



Driver's License: 00837JZ. International: 236347

Executive Summary

I am a dedicated, goal-oriented, self-motivated academic, researcher, and economist who sets high work standards and works diligently to achieve them. I seek to continuously develop myself to contribute significantly towards achieving all objectives of any organization I become attached to.

Skills

- Data Analytics
 - Course Development
 - Macroeconomics
 - Econometric modeling
 - International Economics
 - Environmental Economics
 - Agricultural Economics
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Experience

University of Free State, Department of Economics and Finance Post-Doctoral Research Fellow

FEBRUARY 2023 - PRESENT,

- Working on a research project, "*Exploring intersections between economic systems, poverty, and sustainable development in marginal mountainous communities: Qwaqwa, Free State, South Africa.*"
- Developing research protocols, including survey instruments and interview guides.
- Analysing data using statistical software and presenting findings in clear, concise reports.
- Preparing manuscripts for submission to academic journals and conferences.
- Presented research findings at national and international conferences.

University of Free State, Department of Economics and Finance Facilitator

FEBRUARY 2023 - PRESENT, QWAQWA CAMPUS, PHUTHADITJHABA, SOUTH AFRICA

Facilitating classes for the following modules

- Introduction to Mathematical Economics
- Introductory microeconomics
- Introductory macroeconomics
- International economics

Great Zimbabwe University, Department of Economics and Finance Lecturer

MAY 2014 - DECEMBER 2022, MASVINGO, ZIMBABWE

Lecturing-Teaches the following courses up to Masters Level:

- Micro and Macroeconomics
- Mathematics for economists
- Monetary economics
- Econometrics
- Economics research methods

University Service-Serve in many university committees including:

- Department of Economics Board
- School of Commerce Board
- Chairperson, Departmental Research Board
- Coordinator, Work-related Learning

Research

- Active researcher with 31 publications, comprising 28 articles and 3 book chapters (See list of publications)

Ministry of Education

Teacher

APRIL 2011 - APRIL 2014, MASVINGO, ZIMBABWE

- Teaching High School Economics and Mathematics
 - Documented student progress and attendance records using established methods.
 - Planned lessons to meet the learning needs of groups and individuals.
 - Communicated regularly with parents regarding student progress, behavior, and upcoming events.
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Education

University of Johannesburg /PhD in Economics

SEPTEMBER 2017 - OCTOBER 2021, SOUTH AFRICA

Thesis Title: Essays on agricultural trade liberalization, agricultural total factor productivity, and food security in Africa.

Published four (4) articles in high ranking journals from the thesis.

Great Zimbabwe University / Post Graduate Diploma in Higher and Tertiary Education

AUGUST 2018-JULY 2021, MASVINGO, ZIMBABWE

This qualification has groomed me into a professional educational practitioner, grounded on a strong appreciation of the role of pedagogy, psychology, philosophy, and sociology, indispensable for effective teaching and learning in higher education.

Great Zimbabwe University /Master of Commerce in Industrial Strategy and Trade Policy

MARCH 2012 - OCTOBER 2013, MASVINGO, ZIMBABWE

Dissertation Title: The Impact of Intra-Regional Country to Country-Bilateral Trade Agreements on Trade Flows between Zimbabwe and its SADC Trading Partners.

Graduated with University Book Prize for being the best candidate

The programme advanced my appreciation of economics in general and international economics in particular. The course is the base upon which my research is anchored.

Great Zimbabwe University / Bachelor of Commerce (Honors) in Economics

AUGUST 2006-JULY 2010, MASVINGO, ZIMBABWE

The Bachelor's degree is the foundation of my economics career, providing the entry and intermediate concepts that shaped my further education in the field.

Publications

Published Articles

1. Mudzingiri, C., Mudiriza, G., Jana, G., Sunge, R (2024). The effect of local climatic conditions on household consumption: a case study of South Africa. *Humanities and Social Science Communications*. 11, 652. <https://doi.org/10.1057/s41599-024-03167-2>.
2. Espoir, DK., Sunge, R., Mduduzi, B., Bannor, F. (2024). Intra-Africa Agricultural Trade, Governance Quality and Agricultural Total Factor Productivity: Evidence from a Panel Vector Autoregressive Model. *The European Journal of Development Research*, <https://doi.org/10.1057/s41287-024-00637-w>.
3. Espoir, DK., Sunge, R., Mduduzi, B., Bannor, F., Matsvai, S. (2024). Analysing the response of CO2 emissions to business cycle in a developing economy: evidence for South Africa post-apartheid era. *Frontiers in Environmental Science*, 11, DOI10.3389/fenvs.2023.1321335.
4. Espoir, D.K, Sunge, R., Nchofoung, T., Alola, A.A. (2023). Analysing the drivers of ecological footprint in Africa with machine learning algorithm. *Environmental Impact*

Assessment Review, 104(107332). <https://doi.org/10.1016/j.eiar.2023.107332>.

5. Sunge, R., & Mudzingiri, C. (2023). A Systematic Literature Review on Migration and Remittances in Mountainous Regions: Key Takeaways for Phuthaditjhaba, Free State, South Africa. *Sustainability*, 15(19), 14621. <https://doi.org/10.3390/su151914621>.
6. Espoir, D.K., Sunge, R. & Bannor, F. (2023). Exploring the dynamic effect of economic growth on carbon dioxide emissions in Africa: evidence from panel PMG estimator. *Environmental Science Pollution Research*. <https://doi.org/10.1007/s11356-023-30108-4>.
7. Espoir, D. K., Mudiangombe, B. M., Sunge, R., & Alola, A. A. (2023). Spatial analysis of carbon emission effect of financial development in Africa: The role of energy and socioeconomic factors. *Energy & Environment*, 0(0). <https://doi.org/10.1177/0958305X231188101>.
8. Ngepah N and Sunge R (2023). Agricultural expenditure and agricultural total factor productivity growth in South Africa. *AIMS Agriculture and Food*, 8(2), 637-661. <https://www.aimspress.com/article/doi/10.3934/agrfood.2023035>.
9. Shumba, T., Sakuhuni, R.C., and Sunge, R (2023). An analysis on the impact of government budget deficits on economic performance. A Zimbabwean perspective 1980-2018. *Research Journal of Economic and Management Studies*.
10. Espoir, K, D., Sunge, R, and Alola, A.A. (2023). Time-varying causality nexus of (non)renewable electricity utilization, real output, and carbon emission among selected African states. *Environment, Development and Sustainability*. 10.1007/s10668-023-02934-6.
11. Espoir, K.D, Sunge, R, and Bannor, F. (2023). Economic growth, renewable and nonrenewable electricity consumption: Fresh evidence from a panel sample of African countries. *Energy Nexus*, 9. <https://doi.org/10.1016/j.nexus.2022.100165>.
12. Sunge R. (2022). COVID-19 and Trade in Zimbabwe: An Auto-Regressive Distributed Lag (ARDL) Analysis. *African Review of Economics and Finance*, 15, 1-17.
13. Sunge R and Ngepah, N (2022). Agricultural Trade Liberalisation and Agricultural Total Factor Productivity Growth Convergence in Africa. *Research in Agriculture, Livestock, and Fisheries*, 2(9), 71-88.DOI: <https://doi.org/10.3329/ralfv9i2.61612>.
14. Sunge. R and Ngepah, N (2022). Agricultural Trade Liberalisation, Agricultural Total Factor Productivity Growth and Food Security in Africa. *Agrekon*, 61(3), 292-313, <https://doi.org/10.1080/03031853.2022.2066551>.
15. Sunge R. (2021). Essays in agricultural trade liberalisation, agricultural total factor productivity, and food security in Africa. University of Johannesburg, Thesis, School of Economics and Econometrics. <https://hdl.handle.net/10210/485548>.
16. Espoir, K, D and Sunge, R. (2021). Co2 Emissions and Economic Development in Africa: Evidence from a Dynamic Spatial Panel Model. *Journal of Environmental Management*, 300: <https://doi.org/10.1016/j.jenvman.2021.113617>.
17. Espoir, K, D, Mudiangombe, B, Bannor,F,Sunge, R, and Jean-Luc Mubenga Tshitaka. (2021) Co2 emissions and economic growth: Assessing the heterogeneous effects across climate regimes in Africa. *Science of the Total Environment*, 804: <https://doi.org/10.1016/j.scitotenv.2021.150089>.
18. Chinyanganya, K.L and Sunge, R. (2021). Growth Effects of FDI in Zimbabwe: Do Sources Matter? *African Journal of Economic Review*, 9(4). <https://www.ajol.info/index.php/ajer/article/view/214285>.
19. Mangisi. P. J, Makamba. B.S, and Sunge. R. (2021). Indirect Taxes and Economic Growth in Zimbabwe. An ARDL Analysis. *Research Journal of Economic and Management Studies*, 1(2):1-14
20. Sunge. R, Khumbula. N. B and Makamba. B.S. (2021). The Impact of Trade on Poverty in Sub-Saharan Africa (SSA): Do Sources Matter? *International Journal of*

21. Makumbe C, Sunge R and Zivanomoyo (2020). Zimbabwean Commercial Banks Performance under Multi-Currency System. A Dynamic Panel Data Analysis. *African Finance Journal*, 22(2), 40-51.
<https://journals.co.za/doi/pdf/10.10520/eic-fini-v22-n2-a3>.

22. Sunge, R and Ngepah N (2020). The Impact of Agricultural Trade Liberalization on Agricultural Total Factor Productivity Growth in Africa. *International Economic Journal*, 34(4): <https://doi.org/10.1080/10168737.2020.1836671>.

23. Sunge, R and Makamba, B. S (2020). Testing the Quantity Theory of Money in Zimbabwe under the Multiple Currency Regime: An ARDL Bound Testing Approach. *African Journal of Economic Review*, 8(1).
<https://www.ajol.info/index.php/ajer/article/view/192196>.

24. Sunge, R and Ngepah N (2019). Agricultural trade liberalization, regional trade agreements and agricultural technical efficiency in Africa. *Outlook on Agriculture*, . 49(1), 66-76 DOI: <https://doi.org/10.1177/0030727019870551>.

25. Sunge, R (2018). Money Supply Exogeneity and Endogeneity under Zimbabwe's Multiple Currency Regime. *Journal of Economics and Sustainable Development*,2(8), <https://www.iiste.org/Journals/index.php/JEDS/article/view/40702/41859>.

26. Sunge R, Mufandaedza S and Matsvai S (2015), Testing the Ricardian Equivalence Hypothesis in Zimbabwe: An ARDL Bound Testing Approach. *Journal of Economics and Sustainable Development*, 6(11).
<https://www.iiste.org/Journals/index.php/JEDS/article/view/23580>.

27. Munzara A.T and Sunge R (2015), Human Capital Investment Decisions: A Logit Model of Willingness to Attain Professional Teaching Qualifications by Uncertified Graduate Teachers in Harare Province, Zimbabwe, *The International Journal of Humanities & Social Studies*.
<http://www.internationaljournalcorner.com/index.php/theijhss/article/view/140085/98487>.

28. Sunge, R and Mapfumo A (2014).The Impact of Intra-Regional Country to Country-Bilateral Trade Agreements on Trade Flows between Zimbabwe and its SADC Trading Partners. *Journal of Economics and Sustainable Development*, 5(14).
<https://core.ac.uk/download/pdf/234646487.pdf>.

● BOOK CHAPTERS

29. Makamba, BS, Zivanomoyo, J, and Sunge, R. (2021). Chapter 4: Financial Sector Development in Zimbabwe, in, C. (editor). *The (In)Efficacy of Economic Policy & Development in Zimbabwe: The past, present and future trends*. Dream Discovery Publishers.

30. Mapfumo, A and Sunge, R (2016). Evaluation of the Information and Communication Technology (ICT) Policy in Zimbabwe and its Impact On The Economy, Book Chapter in *Economic Reforms and Policies in Zimbabwe: A Concise Analysis*, Mambo Press, Ed. Chidoko Clainos, ISBN 978 0 86922 888 3.

31. Mufandaedza, S., Sunge, R., and Matsvai, S (2016). The New Monetary Policies of the 2003-2013 Period, Book Chapter in *Economic Reforms and Policies in Zimbabwe: A Concise Analysis*, Mambo Press, Edited by Chidoko Clainos, ISBN 978 0 86922 888 3.

Post Graduate Research Supervision

Supervised the following Master of Commerce Dissertations.

1. Rwasarira Vimbai. (2022). The Impact of Customer Perceived Value on Customer Satisfaction: A case of Chicken Shack restaurant: Masvingo, Zimbabwe. Great Zimbabwe University, Master of Commerce in Strategic Management.
2. Rutendo Mutore. (2022). The impacts of inflation on the budgeting process of Rural District Councils in Zimbabwe. A Case Study of Gutu Rural District Council. Master of Commerce in Strategic Management.
3. Chimbindi Justice (2020). An analysis of the impact of financial integration on economic growth in Sub-Saharan Africa. Great Zimbabwe University, Master of Commerce in Financial Economics.
4. Gon'ora Alice. (2020). An Analysis of the Effects of Informal Sector Trade on Taxation in the SADC region (2010-2019). Great Zimbabwe University, Master of Commerce in Financial Economics.
5. Khumbula Nyash (2019). The Impact of Trade on Poverty in Sub-Saharan Africa: Do Sources Matter? Great Zimbabwe University, Master of Commerce in Economics.
6. Chinyanganya Kudakwashe (2019). Growth Effects of FDI in Zimbabwe: Do Sources Matter? Great Zimbabwe University, Master of Commerce in Financial Economics.
7. Makumbe Caroline. (2018). Zimbabwean Commercial Bank's Performance under the Multiple Currency System. Great Zimbabwe University, Master of Commerce in Economics.
8. Chiwawa Peter. (2018). Brent oil prices and stock market returns. Evidence from BRICS countries. Great Zimbabwe University, Master of Commerce in Financial Economics.

Conference Presentations

Paper presentations at conferences

1. Sunge. R (9-12 April 2024). Urbanizing mountains, livestock production, food insecurity, and resilience strategies. The case of the emerging mountain city of Phuthaditjhaba, Free State, South Africa. Lueven, Belgium.
2. Sunge R (16-18 October 2023). Economic recovery from the COVID-19 pandemic: The mediating role of governance. Economics of Governance. 17th Winelands Conference, Stellenbosch, Cape Town South Africa.
3. Sunge, R. (11-20 September 2023). Natural resources paucity, Marginalization economic vulnerability in the mountainous city of Phuthaditjhaba, Free State, South Africa. Mountain Ecosystems & Resource Management, 11-20 September 2023 | Carpathian Mountain, Hungary
4. Group Presentation (2022). African Growth Agenda: Achieving an average of 10% economic growth in Africa. United Nations Economic Commission for Africa (UN-ECA). Paper presented at the sidelines of the 54th Conference of Finance Ministers, 17 May 2022 Senegal.
5. Sunge R. (2022). Economic growth, renewable and nonrenewable electricity consumption: A fresh evidence from a panel sample of African countries. Great Zimbabwe University Research Fair, Research and Innovation Department,

Masvingo, 17-18 August 2022.

6. Sunge R. (2019). The impact of agricultural Trade Liberalisation on Agricultural Total Factor Productivity Growth in Africa. Paper Presented at the African Association of Agricultural Economists Sixth International Conference, 23-26 September 2019, Abuja, Nigeria.

7. Sunge R. (2019). Zimbabwean Commercial Banks Performance under Multiple-Currency System: A Dynamic Panel Data Analysis. Paper presented at the African Growth Institute and African Finance Association Conference, 24-25 June 2019, Victoria Falls, Zimbabwe.

Consultancy

Research Consultancy

1. Katuka. B., Mudzingiri. C, and Sunge R. (Ongoing).. *Analyzing the effect of Climate change on Prices and Financial Stability in Southern Africa (2005-2023)*. South African Reserve Bank
2. Sunge et al. (Ongoing). African Growth Agenda: Achieving an average 10% economic growth in Africa. United Nations Economic Commission for Africa (UN-ECA) Young Economists Network (YEN) Programme.
3. Ngepah N and Sunge R (2024). 2024 African Development Dynamics (AfDD) Southern Africa Chapter: Skills for productive employment in mining and mining-based manufacturing. Organisation for Economic Co-operation and Development (OECD) and African Union Commission (AUC).
4. Ngepah N and Sunge R (2023). 2023 African Development Dynamics (AfDD) Southern Africa Chapter: Investment flows and Southern Africa's renewable energy industry for a sustainable future. Organisation for Economic Co-operation and Development (OECD) and African Union Commission (AUC).<https://au.int/sites/default/files/documents/42988-doc-ADD2023-1.pdf>.
5. Sunge et al (2023). Review and Rebranding the Cooperative Model in Zimbabwe. Ministry of Women Affairs, Community, Small to Medium Enterprises Development, (MoWACSMED), Government of Zimbabwe.
6. Ngepah N and Sunge R. (2021). Agricultural expenditure and agricultural total factor productivity growth in South Africa. The Comprehensive Africa Agricultural Development Programme, International Food Policy Research Institute (IFPRI).
7. Sunge R and Matsvai S (2021). Zimbabwe Youth Development and Economic Empowerment (ZYDEE) Base Line Study. Ministry of Youth, Sport, Arts, and Recreation (MoSYAR); Zimbabwe Youth Council (ZYC); Youth Empowerment and Transformation Trust (YETT).
8. Sunge R and Matsvai S. (2020). The impact of COVID-19 on Youth Economic Activities in Masvingo Province, Zimbabwe. Youth Empowerment and Transformation Trust (YETT).

PhD Reviews

PhD Thesis. Modelling Stock Market Liquidity and Volatility. National University of Science and Technology, Zimbabwe. Submitted 14 August 2022.

Article Reviews

1. Social remittances and the environment in the context of climate change: What do we know? Where do we go? *Climate and Development*. Manuscript ID 24-CDEV4106-RV. Submitted 15 June 2024.
2. Under the context of smart agriculture: Assessment of agricultural product distribution efficiency in various regions of China. *Frontiers In Sustainable Food Systems*. Submitted 30 March 2024.
3. Exploring the spatiotemporal relationships between built environment and the public transport competitiveness: a case study from Beijing. *Journal of Cleaner Production*. JCLEPRO-D-23-25360 Submitted on 28 November 2023.
4. The Effect of Frequent Changes in Zimbabwe's Official Operating Currency On The Performance of The Zimbabwe Stock Exchange Listed Firms. *Cogent Business and Management* QABM-2023-0431. Submitted 24 November 2023.
5. Updating the Analysis of Rice Import Liberalisation in Japan: A Dynamic-Stochastic CGE Modelling Approach. *Applied Economics* APE 2023-0739. Submitted 08 October 2023.
6. A step towards food security: The moderating influence of human capital. Evidence from West African economies. *Heliyon* D-23-26403 Submitted 15 September 2023.
7. Local government competition, new energy industry agglomeration and urban ecological total factor energy efficiency: a new perspective from the role of knowledge. *Journal of Cleaner Production*. JCLEPRO-D-23-09048. Submitted on 24 September 2023.
8. South-South vs North-South value chain integration and value addition in Sub-Saharan Africa. *Research in Globalization* RESGLO-D-23-00099. Submitted 05 September 2023.
9. How does economic openness drive total factor productivity growth? –The evidence from China. *Bulletin of Economics Research*. BOER-452-Dec-22. Submitted 28 July 2023.
10. Free Trade Agreements and Agricultural Trade- A Review of India. *World Development Sustainability* WDS-D-22-00292. Submitted on 21 July 2023.
11. The Nonlinear Effect of Carbon Emission on Enterprise Value. *Review of Development Economics*. RDE-2023-0620. Submitted 07 July 2023.
12. Threshold Effect of Non-Interest Income Disaggregates on Financial Performance of Zimbabwean Commercial Banks. *HELIYON-D-23-06875*. Submitted 30 May 2023.
13. Characteristics of potential buyers of low-pollution vehicles. The Case of Santiago de Chile. *Cogent Social Science: COGENTSOCSCI-2022-1623*. Submitted 23/01/2023.
14. Decoupling relationship between carbon emissions and economic development and prediction of carbon dioxide emissions in Henan Province: Based on Tapio method and STIRPAT model. *Environmental Science and Pollution Research*. Ref. No. ESPR-D-22- 17031. Submitted 15/01/2023.
15. "Can agricultural trade improve total factor productivity: Empirical evidence from G20 countries? *Frontiers in Sustainable Food Systems*. Ref 1100038. Submitted 16/01/2023.
16. ARDL approach to exchange rate, inflation and economic growth nexus in Nigeria.

South Asian Journal of Social Studies and Economics. Ref Ms_SAJ SSE_89990. Submitted 28/07/2022 5.

17. Resource Misallocation and Green Total Factor Productivity Unbalanced Growth in Chinese Agriculture. *Journal of Environmental Planning and Management*. Ref: ID CJEP-2022-0489. Submitted 24/07/2022.

18. Intra-Africa Regional Trade commovements and shock transmission: a baseline for AfCFTA. *Cogent Economics and Finance*. Ref.: Ms. No. COGENTECON-2022-1112. Submitted 10/11/2022 7.

19. The Impact of Economic Growth, Globalization, and Land Transport Network on CO2 Emissions in Türkiye; Improved Empirical Results. *Environmental Science and Pollution Research* Ms. No. ESPR-D-22-17946. Submitted 11/11/2022.

20. Free Trade Agreements and Agricultural Trade- A Review of India. Manuscript Number: World Development Sustainability. Ref: WDS-D-22-00292. Submitted 11/11/2022.

21. "Does Trade Openness Influence Productivity of Small and Medium Enterprises in Nigeria? A

Re-evaluation of the Evidence from ARDL and TodaYamamoto Causality Framework" *Humanities and Social Sciences Communications*. Paper #HSSCOMMS04737V. Submitted 23/07/2022.

References

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