

Dr. Phemelo Tamasiga

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RESEARCH AND POLICY ANALYSIS WORK EXPERIENCE

German Institute of Development and Sustainability (IDOS) | Bonn, Germany

November 2023 – Present

Senior Researcher (Energy Transition and Trade)

- I conducted in-depth policy analyses on just energy transition and climate change. For example, I collaborated with international experts from Birmingham University and Botswana and published peer-reviewed articles in diverse journals and media.
- I researched import substitution policies and carbon border adjustment mechanisms, assessing their implications for trade competitiveness, industrial development, and regional integration. This includes analysing how developing economies, particularly in Africa, can navigate evolving global trade rules while fostering sustainable economic growth.
- I conducted primary research on the Just Energy Transition partnerships between Europe and South Africa, which culminated in the policy brief *"Skills Development and Workforce Transition in South Africa's Just Energy Transition: An Analysis of Needs, Policy Gaps, and Socioeconomic Implications."* This research examined workforce needs, policy gaps, and the broader socioeconomic effects of the transition.
- Applied for third-party funding for research projects that address the impacts of climate change on food security and the role of international trade in sustainable global food value chains in times of crisis.

CRETEGI | Gaborone, Botswana

October 2023 – Present

Director of Research International Trade and Energy Transition

- i Lead and direct research initiatives on international trade and energy transition in Botswana and the broader African region. This involves assessing the potential of renewable energy sources, identifying clean energy solutions, and analyzing policy frameworks to drive a sustainable energy future.
- ii Engage in advisory work on the African Continental Free Trade Area (AfCFTA) and the Southern African Customs Union (SACU) by providing policy analysis and trade and regional integration recommendations. For example, the policy brief *"Agricultural Import Bans in Botswana: Evaluating Macroeconomic Trade-offs and SACU Revenue Implications Amid Criticism of 'Bad Economics'"* highlights the economic consequences of trade restrictions and their impact on SACU revenue-sharing mechanisms.
- iii Advocate for evidence-based policies by engaging with policymakers, industry stakeholders, and relevant organizations. For example, we collaborated on a systematic review titled *"Just Energy Transitions for a Sustainable Future: Reconciling Climate Action with Socio-Economic Justice in Achieving the SDGs—A Systematic Review."*
- iv Secure funding for energy and climate change research projects by writing grant proposals to potential donors or funding agencies.

Public Policy in Africa Initiative | Yaoundé, Cameroon

January 2020 – November 2023

Senior Research Associate (International trade and Energy Economics)

- Led a specialized unit focused on international trade, resource, and energy economics, driving impactful research on Africa's economic transformation.
- Supervised a team of researchers, providing strategic direction and fostering professional development to enhance their expertise.
- Organized and conducted training workshops on scientific writing and advanced research methodologies to build capacity within the team.
- Designed and conducted primary research, including administering questionnaires and analyzing data to generate evidence-based insights for policy recommendations.

- Conceptualized and managed multi-disciplinary projects addressing critical development issues, such as sustainable value chains, just energy transitions, and applying Artificial Intelligence (AI) to climate change challenges.

Potsdam Institute for Climate Impact Research (PIK) | Potsdam, Germany

April 2017

Post-Doc: Climate and Energy Systems

- Conducted advanced research on climate change and energy systems interactions by employing computable general equilibrium (CGE) models.
- Analyze data sets related to climate modeling, energy consumption, and emissions to derive meaningful insights. Conducted scenario analyses to assess the resilience and sustainability of energy infrastructures under varying climate conditions.
- Collaborated with experts from diverse fields, including climatology, engineering, economics, and policy, to integrate multiple perspectives into research outcomes.

Bielefeld University | Bielefeld, Germany

July 2013 – March 2017

Research and Teaching Assistant: International Economics

- Independently providing International Economics tutorials for 3rd and 4th year bachelor's degree students.
- Supervise research seminars for international trade master's degree students on topics in transfer pricing within multinational firms.
- Grading of end-of-semester examination scripts for International Economics.
- Supervising bachelor's degree and master's degree thesis

Botswana Institute of Development Policy Analysis | Gaborone, Botswana

July– September 2014

Internship: Empirical Macro Economics

- Developed and implemented a multivariate GARCH-M model to analyze the impact of exchange rate volatility on trade flows, providing empirical evidence for policy recommendations.
- Conducted econometric analysis to identify the dynamics between macroeconomic variables and their implications for Botswana's trade policies.
- Presented findings to senior researchers, contributing to ongoing discussions on exchange rate management and its effects on economic stability.
- Enhanced technical expertise in quantitative modeling and macroeconomic data analysis through hands-on research and application of advanced statistical techniques.

INDUSTRIAL WORK EXPERIENCE

Arvato Financial Solutions (Bertelsmann Group) | Verl, Germany

January 2021 – November 2023

Manager Risk and Portfolio management

- Project manager for automizing business monitoring of key risk performance indicators. Programmed and coded the Pyspark script on data bricks and connected it to the Teams channel to report anomaly alerts.
- Set up credit portfolio monitoring to ensure the entire credit process works properly and measure the performance of the global credit portfolio.
- Contributed to developing risk management systems, including expanding new risk products.
- Used analytical tools (e.g., SQL, Python, R, Jira, Databricks, and PowerBI) to analyze data and solve problems to detect trends and create business value.

KPMG | Dusseldorf, Germany

April 2019 – September 2019

Senior Associate (Global Transfer Pricing Services)

- Identified, analyzed, and developed solutions and optimization possibilities for transfer pricing structures.

- Prepared economic analyses and developed models for international financial transactions.
- Conducted benchmarking exercises using industry databases and financial tools.
- Supported the preparation of transfer pricing documentation and defended transfer pricing models in external tax audits.

PricewaterhouseCoopers (PwC) | Frankfurt am Main, Germany
Consultant (Tax and Legal Transfer Pricing)

May 2017 – March 2019

- Applied complex transfer pricing concepts and economic/financial knowledge to diverse client situations.
- Advised on tax optimization of corporate structures along the value chain.
- Planned, implemented, and documented cross-border transfer pricing systems.
- Conducted market and company analyses regarding transfer pricing structures and supported transfer pricing for cross-border service and product delivery.

EDUCATION

PhD in Economics, Bielefeld University Bielefeld, Germany	2017
○ Grade: Magna cum Laude	
MSc. Mathematical Economics Bielefeld University	2013
○ Grade: 1,9	
Master Mathematical Applications to Economics and Finance University of Paris 1 Pantheon-Sorbonne	2013
○ Grade: 3.6/4	
BSc (Honors) Real Estate Management Oxford Brookes University	2011
○ First Class Honors	

PROFESSIONAL QUALIFICATIONS AND FURTHER TRAINING

Bertelsmann Technology Scholarship Machine Learning on Tensor Flow	2021
Amazon Web Services AWS Machine Learning Foundations	2021
SfS Schulungsgesellschaft mbH B2 German language (Telc Certificate)	2021
Alfa Training Educational Center GmbH Developing SQL Databases	2020
Udemy R Programming: Advanced Analytics in R	2020
University of Michigan via Coursera Introduction to Data Science in Python	2020
Udemy Machine Learning A-Z: Hands-on Python and R in Data Science	2020

CONSULTANCIES

H2Global Foundation Hamburg, Germany	August 2024 – November 2024
Senior Data Expert (Energy Transition – Hydrogen Auction Mechanism Project)	
<ul style="list-style-type: none"> • Designed and implemented the data strategy for the hydrogen auction mechanism, ensuring alignment with energy transition objectives and compliance with data protection regulations, including GDPR. • Developed interactive Power BI dashboards to streamline reporting and provide actionable insights for stakeholders on auction performance and project progress. • Collaborated with cross-functional teams to optimize data workflows and enhance transparency in auction operations. • Provided strategic recommendations to integrate data analytics into decision-making processes, supporting the successful execution of hydrogen procurement initiatives. 	

Just Energy Transition Expert

- Led the development of a policy brief on green industrialization, focusing on integrating renewable energy systems and advancing energy efficiency within the intercontinental sustainable development agenda.
- Conducting specialized research on energy transition pathways, examining the role of clean energy technologies in driving industrial transformation and reducing carbon emissions.
- Analysing energy policy frameworks, resource dynamics, and industrial models to propose actionable solutions for scaling up sustainable energy infrastructure and fostering regional energy security.
- Advocating for equitable energy transitions by addressing socio-economic disparities and ensuring access to affordable, clean energy for emerging economies.

SCHOLARSHIPS AND AWARDS

University of Bielefeld, <i>Chair of International Trade PhD funded position</i>	2013 - 2016
University of Paris Pantheon Sorbonne and Bielefeld University, <i>Consortium Scholarship</i>	2011 - 2013
Oxford Brookes University, <i>Overall Best Student, School of Built Environment</i>	2008 - 2009
University Botswana, <i>Ministry of Education Scholarship</i>	2008 – 2011

TEACHING AND THESIS SUPERVISION EXPERIENCE

Course/Program	Institution	Country	Level	Duration
International Economics	Bielefeld University	Germany	Bachelor	2013 – 2017
International Trade	Bielefeld University	Germany	Masters	2013 – 2017
Public Policy	Public Policy in Africa Initiative	Cameroon	Masters	2021 – 2023
MSc Mathematical Finance	The University of Illinois Urbana-Champaign	United States	Masters	August 2024
MSc Environmental Law	Vermont University	United States	Masters	April 2024 and planned for April 2025
MSc Postgraduate programme (Energy Transition)	German Institute of Development and Sustainability	Germany	Masters	2024
PhD Thesis Supervision (Co-supervisor)	Kabale University	Uganda	PhD	2025 – Present

CITATION METRICS ACROSS RESEARCH PLATFORMS

Platform	Number of Citations	h-Index	No. of Documents	Link to profile
Scopus	321	7	28	https://www.scopus.com/authid/detail.uri?authorId=57435611100
Web of Science	250	7	26	https://www.webofscience.com/wos/author/record/2543447
Google Scholar	495	9	35	https://scholar.google.com/citations?user=peJ2MCEAAAAJ&hl=en
Research Gate	431	8	37	https://www.researchgate.net/profile/Phemelo-Tamasiga

PUBLISHED PEER REVIEWED JOURNAL ARTICLES (Scopus and Web of Science (WoS) Indexed)

PUBLICATIONS	INDEX	AUTHOR POSITION
1. Tamasiga, P., Onyeaka, H., Bakwena, M., Happonen, A., & Molala, M.. (2023). Forecasting disruptions in global food value chains to tackle food insecurity: The role of AI and big data analytics – A bibliometric and scientometric analysis. <i>Journal of Agriculture and Food Research</i>	Scopus and WoS	first
2. Tamasiga, P., Guta, A. T., Onyeaka, H., & Kalane, M. S. (2022). The impact of socio-economic indicators on COVID19: an empirical multivariate analysis of sub-Saharan African countries. <i>Journal of Social and Economic Development,</i>	Scopus and WoS	First
3. Tamasiga, P., Onyeaka, H., Bakwena, M., & Ouassou, E. houssin. (2024). Pricing the future: Unveiling the effects of carbon pricing on socio-economic outcomes and energy poverty. <i>International Journal of Sustainable Energy</i>	Scopus and WoS	first
4. Tamasiga, P., Mogomotsi, P. K., Onyeaka, H., & Mogomotsi, G. E. J. (2024). Amplifying climate resilience: Social protection, social cohesion, and social capital impact public support for climate change action. <i>Sustainable Environment</i>	Scopus and WoS	First
5. Tamasiga, P., Miri, T., Onyeaka, H., & Hart, A. (2022). Food waste and circular economy: Challenges and opportunities. <i>Sustainability</i>	Scopus and WoS	First
6. Tamasiga, et al., (2024). Empowering Communities Beyond Wires: Small-Scale Renewable Energy Microgrids and the Impacts on Energy Poverty and Socio-Economic Outcomes. <i>Energy Reports</i>	Scopus and WoS	First
7. Tamasiga, P., Onyeaka, H., Bakwena, M., & Ouassou, E. H. (2024). Beyond compliance: evaluating the role of environmental, social and governance disclosures in enhancing firm value and performance. <i>SN Business & Economics</i>	Scopus	First
8. Tamasiga, P., Mfuni, H., Onyeaka, H., & Ouassou, E. h. (2023). Green industrial policy as an enabler of the transition to sustainability: challenges, opportunities and policy implications for developing countries. <i>Environment, Development and Sustainability</i>	Scopus and WoS	First
9. Tamasiga, P., Onyeaka, H., Akinsemolu, A., & Bakwena, M. (2022). The Inter-Relationship between Climate Change, Inequality, Poverty and Food Security in Africa: A Bibliometric Review and Content Analysis Approach. <i>Sustainability</i>	Scopus and WoS	First
10. Tamasiga, P., Molala, M., Bakwena, M., Nkoutchou, H., & Onyeaka, H. (2022). Is Africa Left Behind in the Global Climate Finance Architecture: Redefining Climate Vulnerability and Revamping the Climate Finance Landscape—A Comprehensive Review. <i>Sustainability</i>	Scopus and WoS	First
11. Tamasiga, P., Onyeaka, H., & Ouassou, E. H. (2021). Unlocking the Green Economy in African Countries: An Integrated Framework of FinTech as an Enabler of the Transition to Sustainability. <i>Energies</i>	Scopus and WoS	First
12. Tamasiga, P., Onyeaka, H., Umenweke, G. C., & Uwishema, O. (2023). An extended SEIRDV compartmental model: Case studies of the spread of COVID-19 and vaccination in Tunisia and South Africa. <i>Annals of Medicine and Surgery</i>	WoS	First
13. Onyeaka, H., Tamasiga, P., Nkoutchou, H., & Guta, A. T. (2022). Food insecurity and outcomes during COVID-19 pandemic in sub-Saharan Africa (SSA). <i>Agriculture & Food Security</i>	Scopus and WoS	Second
14. Onyeaka, H., Tamasiga, P., Mazi, I. M., Akegbe, H., & Osiri, J. K. (2023). Gender-based impacts of COVID-19 in Sub-Saharan Africa. <i>Sexuality, Gender and Policy</i>	Scopus	Second
15. Onyeaka, H., Tamasiga, P., Nwauzoma, U. M., Miri, T., Juliet, U. C., Nwaiwu, O., & Akinsemolu, A. A. (2023). Using Artificial Intelligence to Tackle Food Waste and	Scopus and WoS	Second

Enhance the Circular Economy: Maximising Resource Efficiency and Minimising Environmental Impact: A Review. Sustainability		
16. Ekwebelem, O. C., Tamasiga, P. , Tunde Aborode, A., Yunusa, I., Nwauzoma, U., & Onyeaka, H. (2022). COVID-19 vaccination in Africa: A case of unsatisfied expectation and ill-preparedness. Vaccine: X	Scopus and WoS	Second
17. Onyeaka, H., Tamasiga, P. , Agbara, J. O., Mokgwathi, O. A., & Uwishema, O. (2022). The use of Ivermectin for the treatment of COVID-19: Panacea or enigma? Clinical Epidemiology and Global Health	Scopus	Second
18. Ouassou, E. houssin, Onyeaka, H., Tamasiga, P. , & Bakwena, M. (2024). Carbon transparency in global supply chains: The mediating role of institutional and innovative capacity. Energy Strategy Reviews	Scopus and WoS	Second
19. Akinsemolu, A. A., Onyeaka, H. N., & Tamasiga, P. (2024). Climate-smart agriculture as a possible solution to mitigate climate change impact on food security in Sub-Saharan Africa. Food and Energy Security	Scopus and WoS	Third
20. Onyeaka, H., Nwauzoma, U.M., Akinsemolu, A.A., Tamasiga, P. , Duan, K., Al-Sharify, Z. T., & Siyanbola, K. F. (2024). The ripple effects of climate change on agricultural sustainability and food security in Africa. Food and Energy Security	Scopus and WoS	Fourth
21. Onyeaka, H., Siyanbola, K. F., Akinsemolu, A. A., Tamasiga, P. , Mbaeyi-Nwaoha, I. E., Okonkwo, C. E., ... & Oladipo, E. K. (2024). Promoting equity and justice: harnessing the right to food for Africa's food security. Agriculture & Food Security	Scopus and WoS	Fourth
22. Onyeaka, H., Kalane, M. S., Guta, A. T., & Tamasiga, P. (2022). Food fraud amid COVID-19 in Sub-Saharan Africa: A challenge of the present. Public Health in Practice	Scopus and WoS	Fourth
23. Ejiohuo, O., Onyeaka, H., Akinsemolu, A., Nwabor, O. F., Siyanbola, K. F., Tamasiga, P. , & Al-Sharify, Z. T. (2024). Ensuring water purity: Mitigating environmental risks and safeguarding human health. Water Biology and Security	Scopus	Sixth
24. Onyeaka, H., Akinsemolu, A., Miri, T., Nnaji, N. D., Emeka, C., Tamasiga, P. , ... & Al-sharify, Z. (2024). Advancing food security: the role of machine learning in pathogen detection. Applied Food Research	Scopus and WoS	Sixth
25. Onyeaka, H., Ghosh, S., Oibileke, K., Miri, T., Odeyemi, O. A., Nwaiwu, O., & Tamasiga, P. (2024). Preventing chemical contaminants in food: Challenges and prospects for safe and sustainable food production. Food Control	Scopus and WoS	Seventh
26. Onyeaka, H., Mazi, I. M., Oladunjoye, I. O., Njoagwuani, E. I., Akegbe, H., Dolapo, O. A., Nwaiwu., Tamasiga, P. & Ochulor, C. E. (2023). Impact of covid-19 on foodborne illness in africa – a perspective piece. Journal of Infection and Public Health	Scopus and WoS	Eighth
27. Milovanova, N., Chukwugozie, D. C., David, K., Okonji, B. A., Njoagwuani, E. I., Onwukaeme, I. M., Nnaji ND, Onyeaka H., & Tamasiga, P. (2024). Understanding food safety challenges through a gender and social lens in low-and middle-income countries. JSFA Reports, 4(7), 280-285.	Scopus and WoS	Ninth
28. Mazi, I. M., Onyeaka, H., Akegbe, H., Njoagwuani, E. I., Ochulor, C. E., Oladunjoye, I. O., Omotosho, A. D., Nwaiwu, O., Tamasiga, P. , & Odeyemi, O. A. (2023). Street vended foods in Nigeria: An analysis of the current state of affairs and the way forward. Cogent Food and Agriculture	Scopus and WoS	Ninth
29. Njoagwuani, E. I., Onyeaka, H., Mazi, I. M., Akegbe, H., Oladunjoye, I. O., Ochulor, C. E., Omotosho, A. D., Odeyemi, O. A., Nwaiwu, O., & Tamasiga, P. (2023). Food safety in vulnerable populations: A perspective on the challenges and solutions. FASEB Journal	Scopus and WoS	Tenth

PUBLISHED PEER-REVIEWED ARTICLES (NON-Scopus and NON-WoS Indexed)

PUBLICATIONS	AUTHOR POSITION
1. Tamasiga, P. (2018) Essays in International Trade, Multinational Firm Production and Economic Growth. <i>published at Bielefeld University Library</i>	Single Author
2. Guta Ashenafi and Tamasiga, P. (2019) "A dynamic Model of Working Effort, Job Separations in Search Equilibrium; Perspective of International Trade with Heterogeneous Firms and Workers." <i>published at Bielefeld University Library</i>	Second
3. Tamasiga, P. and Bondarev, A. (2014). "Impact of Exhaustible Resources on opening for International trade; Hartwick's rule and taste for foreign goods." Working papers 2014/14, <i>Faculty of Business and Economics - University of Basel.</i>	First

PEER REVIEWED POLICY BRIEFS

- i **Tamasiga, P.** (2024). *Challenges and opportunities for just energy transition partnerships in Africa*. Megatrends Africa. Retrieved from <https://doi.org/10.18449/2024MTA-PB30>
- ii Tamasiga, P., Onyeaka, H., Agricultural Import Bans in Botswana: Evaluating Macroeconomic Trade-offs and SACU Revenue Implications Amid Criticism of 'Bad Economics'. Public Policy in Africa Initiative
- iii **Tamasiga, P.** (2025). *Skills Development and Workforce Transition in South Africa's Just Energy Transition: An Analysis of Needs, Policy Gaps, and Socioeconomic Implications*. Megatrends Africa. (in press)
- iv Financing South Africa's energy transition: making the just aspects count more. The Institute for Sustainable Development and International Relations (IDDRI). (In Press)
- v Leaving No One Behind: A Policy Blueprint For Eradicating Hunger In Sub-Saharan Africa. Public Policy in Africa Initiative. <https://www.publicpolicyafrica.org/publications/leaving-no-one-behind-a-policy-blueprint-for-eradicating-hunger-in-sub-saharan-africa>
- vi Onyeaka, H., **Tamasiga, P.**, Guta, A., Kalane, M., & Nkoutchou, H. (2021). *A pandemic preparedness toolkit for the African governments and relevant institutions*. Public Policy in Africa Initiative. Retrieved from <https://www.publicpolicyafrica.org/publications/a-pandemic-preparedness-toolkit-for-the-african-governments-and-relevant-institutions>
- vii **Tamasiga, P.**, Guta, A., Onyeaka, H., Nkoutchou, H., & Kalane, M. (2021). *The impact of COVID-19 pandemic on education, livelihoods and food security status: Policy implications for Sub-Saharan Africa (SSA)*. Public Policy in Africa Initiative. Retrieved from <https://www.publicpolicyafrica.org/publications/the-impact-of-the-covid-19-pandemic-on-education-livelihoods-food-security-status>

JOURNAL PUBLICATIONS CURRENTLY UNDER REVIEW

PUBLICATIONS	INDEX	STATUS
1. Tamasiga, P. , Bakwena, M., Ouassou E., Onyeaka, H: (2025) The effects of China's Accession to the WTO on structural change and (de)-industrialization in African countries." <i>The International Trade Journal</i>	Scopus and WoS	Revised, resubmitted and under second peer review
2. Tamasiga, P. , Onyeaka, H., Bakwena., M., Kayembe., B., Dzingai., V., Kgengwenyane., N., Babugura., A., Ouassou E. (2025). Sustainable Futures: Aligning Climate Actions and Socio-Economic Justice through the Just Energy Transitions. <i>Energy Strategy Reviews</i>	Scopus and WoS	Revised, resubmitted and under second peer review
3. Tamasiga, P. , Onyeaka, H., Mogomotsi G., Mogomotsi P. (2025). Urbanization and Energy Transition in Developing Countries: Examining the interplay of Social Cohesion and Social Innovation in Facilitating Low-Carbon Energy Transitions. <i>Current Opinion in Environmental Sustainability</i>	Scopus and WoS	Submitted and under first peer review

4. Tamasiga, P., Onyeaka, H., Ouassou E. (2025). Exploring the Sustainability of Global Value Chains in Africa: A Systematic Review of Social, Economic and Environmental Outcomes. <i>Business Strategy and the Environment</i>	Scopus and WoS	Revised, resubmitted and under third peer review
5. Tamasiga, P., Onyeaka, H., & Ouassou, E. H. (2025). Assessment of the Impact of Economic Complexity Index and Pillars of Knowledge-Based Economy on the Transition to Low Carbon Economy: An Empirical Investigation of African Countries. <i>Energy Policy</i>	Scopus and WoS	Submitted
6. Tamasiga, et al., (2023) "Navigating Uncertain Times and Building Resilience in Global Value Chain Networks amidst Climate Change and a Pandemic." <i>Journal of Global Operations and Strategic Sourcing</i>	Scopus and WoS	Submitted and under first peer review
7. Tamasiga, P. et al., (2024) "Co-benefits and Trade-offs: The Impacts of Energy Transition on Food Security and Sustainable development Goals progress in Developing Countries." <i>Science of Total Environment</i>	Scopus and WoS	Submitted

WORK IN PROGRESS

- i Tamasiga, P., and Onyeaka H. (2025). A Dynamic Computable General Equilibrium Analysis of the Coal Phaseout: Modeling Sectoral Employment Transitions between Coal and Renewable Energy in South Africa
- ii Tamasiga, P. et al., (2025) "The Role of Social Cohesion in Accelerating a Just Energy Transition in Urbanizing African Communities: A Generalised Method of Moments Approach Analysis."
- iii Tamasiga, P. et al., (2025) "Exploring the Role of Renewable Energy in Enhancing Food Security: The Moderating Role of Institutional Capacity."
- iv Tamasiga, P. et al., (2025) "The Role of Green Hydrogen in Decarbonizing Hard-to-Abate Sectors: A Meta-Analysis of Current Technologies."
- v Tamasiga, P. et al., (2025) "Geopolitical and Supply Chain Risks in Critical Minerals for Energy Transition: Cooperation or Competition of Western Countries and China in Africa?: A policy Note"
- vi Tamasiga, P. et al., (2025) "Trade Facilitation and Food Security: A worsening food crisis in sub-Saharan Africa amidst the COVID-19 pandemic and Russia's war on Ukraine."

CONFERENCE AND WORKSHOP PRESENTATIONS

Climate Justice and Energy Transition Potsdam Institute of Climate Impact Research, Germany	October 2024
Competition and Cooperation for Critical Minerals in Africa University of Johannesburg, South Africa	September 2024
Systematic Reviews in Climate Risk University of Chicago, United States of America	August 2024
Seminar on Energy and Climate University of Vermont, United States of America	April 2024
Pathways of change in the social response to climate change University of Capetown, South Africa	March 2024
Communicating Climate Change in Southern Africa University of Botswana, Gaborone	February 2024
World Sustainability Conference 2023 University of Birmingham	November 2023
Global Agricultural Politics and Policy from an African Perspective Amsterdam, Netherlands	October 2021
Impact of COVID-19 in Sub-Saharan Africa Economic Policy Research Network, Rwanda	November 2021
19th Gottinger Workshop Internationale Wirtschaftsbeziehungen University of Gottingen, Germany	February 2017
Bielefeld Graduate School of Economics and Management Seminar Bielefeld University, Germany	December 2016
Quantitative Economics Conference University of Amsterdam, Netherlands	May 2016
Bielefeld Graduate School of Economics and Management Seminar Bielefeld University, Germany	April 2016
Aarhus University and Kiel Institute for World Economy Conference Tuborg, Denmark	December 2015
Bielefeld Graduate School of Economics and Management Seminar Bielefeld, Germany	July 2015

ACADEMIC JOURNAL REVIEWING ACTIVITIES

Journal of Social and Development Economics	since 2021
Cogent Food and Agriculture	since 2021
PLOS climate	since 2021
PLOS One	since 2021
SN Business and Economics	since 2022
Economies	since 2022
Sustainability	since 2021
Journal of Environmental Management	Since 2020
Review of World Economics	Since 2020
Environmental Science and Pollution Research	since 2020

BOARD MEMBERSHIPS

Member Conference of African Scholars in Germany	Jan 2022 to Present
Director CRETEGI, Gaborone, Botswana	Oct 2023 to Present
Review Board Member SustainE, Lagos, Nigeria	Jan 2023 to Present

KEY COMPETENCIES AND SKILLS

- **Research:** I have published over 25 peer-reviewed articles in top-ranking journals indexed by Scopus and Web of Science. Topics include energy transition, food security, sustainable value chains, international trade and climate economics.
- **Project Management and Team Leadership:** I have led multidisciplinary research teams and coordinated communication for successful project planning and execution. For example, I excelled as a Risk and Portfolio Manager for a €10 billion+ revenue company. In this role, I spearheaded the automation of KPI reporting on PowerBI across all business units.
- **Policy Dialogue and Advocacy:** I have a proven track record of writing and presenting policy documents. For instance, I authored a key document on Just Energy Transition Partnerships between Europe and Africa.
- **Data Analytics and Quantitative Modeling:** Data analysis, machine learning, and Dashboard preparation in PowerBI, Python, R, and SQL. Dynamic Optimization models, Differential Games, Computable General Equilibrium Models (CGE) and Dynamic Stochastic General Equilibrium models (DSGE).
- **Software:** TensorFlow, R, STATA, Matlab, Mathematica, SQL databases, Orbis database, Risk Calc, Thomson Reuters database, PowerBI
- **Languages:** German (B2 level, Telc Certificate), English (fluent), Setswana (Mother tongue)