

PROF. PHILIP KOFI ADOM

Address: 1 JAN SMUT AVENUE, BRAANFONTEIN, GUATENG, JOHANNESBURG

Tel: +233246763661 /+27788348062

Email : adomonline@yahoo.co.uk /philip.adom@wits.ac.za · Twitter: @adomonline1

Skype ID: Philip.kofi.adom. **Nationality:** Ghanaian. **Sex:** Male

Personal Website: <https://orcid.org/0000-0001-8135-7260>

<https://sites.google.com/gimpa.edu.gh/professorphilipkadam/home>

Others: <http://africanscientists.africa/business-directory/adom/>

http://www.researchgate.net/profile/Philip_Adom

<https://scholar.google.com/citations?user=Z0ah74MAAAAJ&hl=en&oi=ao>

<https://www.efdinitiative.org/about-efd/people/adom-philip>

<https://www.adscientificindex.com/scientist/philip-kofi-adom/88901>

INTERNATIONAL RANKING OF RESEARCH PROFILE

1. Ranked among the top 1% (#33) economists in Africa by Research Papers in Economics (REPEC), <https://ideas.repec.org/top/top.africa.html#authors>
2. Ranked among the top 1% young economists (no.162, June 2020), globally, by Research Papers in Economics (REPEC), <https://ideas.repec.org/top/top.young.html>
3. Listed among top scientists in AD Scientific Index 2021-2024 (ranked #44 (Economics & Econometrics), #4 (Environmental Economics) in Africa; #3,378 (Economics & Econometrics) and #173 (Environmental Economics) in the World.
<https://www.adscientificindex.com/scientist/philip-kofi-adom/88901>
4. Listed in the African Scientist Directory. <https://africanscientists.africa/businessdirectory/adom/>
5. **Google scholar h-index:** 35
6. **Google scholar i10-index:** 57
7. **ResearchGate Research Interest Score:** 1,904

WORKING EXPERIENCE

FEB 2024 – PRESENT

ASSOCIATE PROFESSOR (ECONOMICS), UNIVERSITY OF THE WITSWATERSRAND, SCHOOL OF ECONOMICS AND FINANCE (SEF), JOHANNESBURG – SOUTH AFRICA

Responsibilities/roles: Teaching, Research, Supervision, Mentorship, and Administration

MAY 2023 – PRESENT

SETI-IGE RESEARCH FELLOW, SUSTAINABLE ENERGY TRANSITION INITIATIVE (SETI) – INCLUSIVE GREEN ECONOMY (IGE), ENVIRONMENT FOR DEVELOPMENT, UNIVERSITY OF GOTHENBURG, SWEDEN

Responsibilities/roles: Research, Training & Consultancy

JAN 2023 – JAN 2024

SENIOR RESEARCH FELLOW, GIMPA – PURC CENTER OF EXCELLENCE IN PUBLIC UTILITY REGULATION (CEPUR), ACCRA - GHANA

Responsibilities/roles: Research, Training & Consultancy

SEPTEMBER 2021 – JAN 2024

ASSOCIATE PROFESSOR (ECONOMICS – ENVIRONMENT & ENERGY), GHANA INSTITUTE OF MANAGEMENT AND PUBLIC ADMINISTRATION (GIMPA), DEPT. OF DEVELOPMENT POLICY, ACCRA-GHANA

Responsibilities/Roles: Teaching, Research, Supervision, Mentorship, and Administration

JAN 2019 – PRESENT

SETI SENIOR RESEARCH FELLOW, SUSTAINABLE ENERGY TRANSITION INITIATIVE [SETI] (EfD), DUKE UNIVERSITY, USA & UNIVERSIDAD DEL BÍO-BÍO, CHILE

Responsibilities/roles: Research, Training & Consultancy

JAN 2020 – PRESENT

EfD SENIOR RESEARCH FELLOW, ENVIRONMENT FOR DEVELOPMENT (EfD), UNIVERSITY OF GOTHENBURG, SWEDEN

Responsibilities/roles: Research, Training & Consultancy

SEPTEMBER 2018 – AUGUST 2021

SENIOR LECTURER, GHANA INSTITUTE OF MANAGEMENT AND PUBLIC ADMINISTRATION (GIMPA), DEPT. OF DEVELOPMENT POLICY, ACCRA-GHANA

Responsibilities/Roles: Teaching, Research, Supervision, Mentorship, and Administration

JANUARY 2021 – JANUARY 2022

VISITING LECTURER IN APPLIED AND THEORETICAL ECONOMETRICS, CENTRAL UNIVERSITY, DEPT. OF ECONOMICS, ACCRA-GHANA

Responsibilities/Roles: Teaching, Research, Supervision, Mentorship, and Administration

SEPTEMBER 2017 – MAY 2018

RESEARCH ASSOCIATE, CITY UNIVERSITY OF HONG KONG, SCHOOL OF ENERGY AND ENVIRONMENT, HONG KONG, CHINA

Responsibilities/Roles: Research, Supervision, and Mentorship

MAY 2016 – AUGUST 2017

DIRECTOR OF RESEARCH AND POLICY, INSTITUTE OF ENERGY AND CLIMATE CHANGE POLICY, ACCRA-GHANA

Responsibilities/Roles: Advocacy, Research, and Training

SEPTEMBER 2012 – JULY 2017

LECTURER, UNIVERSITY OF PROFESSIONAL STUDIES, DEPT. OF BANKING AND FINANCE, ACCRA-GHANA

Responsibilities/Roles: Teaching, Research, Supervision, and Mentorship

SEPTEMBER 2016 – NOVEMBER 2016

VISITING RESEARCH FELLOW, AFRICAN DEVELOPMENT BANK GROUP (AFDB), HEAD OFFICE, ABIDJAN, COTE D'IVOIRE

Responsibilities/Roles: Research

SEPTEMBER 2012 – APRIL 2016

LECTURER, UNIVERSITY OF PROFESSIONAL STUDIES, DEPT. OF BANKING AND FINANCE, ACCRA-GHANA

Responsibilities/Roles: Teaching, Research, Supervision, and Mentorship

FEBRUARY 2016 – APRIL 2016

ASSISTANT PROFESSOR, SWEDISH UNIVERSITY OF AGRICULTURAL SCIENCES (SLU), DEPT. OF FOREST ECONOMICS, UMEA, SWEDEN

Responsibilities/Roles: Research

OCTOBER 2011 – AUGUST 2012

GRADUATE TEACHING ASSISTANT, UNIVERSITY OF GHANA, DEPT. OF ECONOMICS, ACCRA, GHANA

Responsibilities/Roles: Research, Marking of scripts & Teaching

NOVEMBER 2008 – AUGUST 2009

CREDIT OFFICER, ASSA SAVINGS AND LOANS LIMITED, ACCRA, GHANA

Responsibilities/Roles: Loan collection, processing of loan applications & monitoring of loan defaulters

SEPTEMBER 2007 – AUGUST 2008

NATIONAL SERVICE PERSONNEL, VAT HEAD OFFICE (NOW GHANA REVENUE AUTHORITY), OPERATIONS UNIT, ACCRA, GHANA

Responsibilities/Roles: Compliance checks & registration of VAT traders,

CONSULTANCY SERVICES

OCTOBER 2022 – SEPTEMBER 2023

LEAD CONSULTANT (CLIMATE AND DEVELOPMENT), CENTRE FOR GLOBAL DEVELOPMENT (CGD), WASHINGTON D.C. AND LONDON

Service Rendered: **The Socioeconomic Impact of Climate Change in Developing Countries In the Next Decades: A review**

SEPTEMBER 2021 – MAY 2023

ENERGY ECONOMIST CONSULTANT, INTERNATIONAL DEVELOPMENT RESEARCH CORPORATION (IDRC), CANADA, 2021-2023.

Service Rendered: **Inclusive Low-Carbon Transitions for Sustainable Development in the Global South: Development of an Actionable Research Agenda (Infrastructure)**

DECEMBER 2021 – MARCH 2022

ENERGY ECONOMIST CONSULTANT, AFRICAN DEVELOPMENT BANK GROUP, TANZANIA OFFICE

Service rendered: **Assessing the potential of cost-reflective tariffs in Tanzania**

DECEMBER 2019 – MAY 2020

LEAD CONSULTANT (ENERGY ECONOMIST), AFRICAN DEVELOPMENT BANK GROUP, TANZANIA OFFICE

Service rendered: **Tanzania Energy Sector Review Study**

EDUCATION

MARCH 2016

DOCTOR OF PHILOSOPHY DEGREE (ECONOMICS), SWEDISH UNIVERSITY OF AGRICULTURAL SCIENCES (SLU), SWEDEN

DISSERTATION TITLE: ENERGY DEMAND MANAGEMENT IN SELECTED AFRICAN COUNTRIES

ADVISORS: PROF. BENGT KRISTROM; PROF. TOMMY LUNDGREN & PROF. JURATE JARAITE-KAZUKAUSKE

OPPONENT: PROFESSOR ANN VEIDERPASS

EXAMINATION COMMITTEE: PROF. JESPER STAGE, PROFESSOR MAGNUS LINDMARK & DR. KELLY DE BRUIN

SCHOLARSHIP/SPONSOR: BROWALD PHD FELLOW, HANDELSBANKEN, SWEDEN

AWARD IN RECOGNITION OF THESIS: GLOBAL SWEDE AWARD 2016

JULY 2011

MASTER OF PHILOSOPHY DEGREE (ECONOMICS), UNIVERSITY OF GHANA, ACCRA, GHANA

CGPA: 3.71/4.0

SCHOLARSHIP: AFRICAN ECONOMIC RESEARCH CONSORTIUM

MAY 2007

BACHELOR OF EDUCATION IN SOCIAL SCIENCES (ECONOMICS), UNIVERSITY OF CAPE COAST, ACCRA, GHANA

CLASS: FIRST CLASS HONOURS

CGPA: 3.65 /4.0

OTHER TRAINING/CERTIFICATE COURSES

1. **CAMBRIDGE RESOURCE INTERNATIONAL INC.**, Canada 2019 Description: Certificate in Financial Appraisal and Risk Analysis
2. **WAGENINGEN UNIVERSITY**, Netherlands, 2015
Description: Parametric efficiency and productivity analysis course.
3. **WAGENINGEN UNIVERSITY**, Netherlands, 2015
Description: Dynamic efficiency and productivity analysis course
4. **UMEA UNIVERSITY**, Sweden, 2013 Description: Advanced GAMS training
5. **SWEDISH UNIVERSITY OF AGRICULTURAL SCIENCES**, Sweden, 2015
Description: State-of-the-art Payment in Environmental services and market-based instruments

TEACHING COURSES

1. *POSTGRADUATE MASTER LEVEL COURSES*

Energy Economics; Environmental Finance; Environmental Economics and Policy; Natural Resource Economics;

Theoretical Econometrics; Applied Econometrics; Advanced Quantitative Methods in Development Finance; Research Methods; Theories of Economic Development; Finance and Economic Growth; Public Sector Economics; Biostatistics; Managerial Economics

2. *POSTGRADUATE PHD LEVEL COURSES*

Advanced Quantitative Research with Application II; Advanced Time Series Analysis with Application; Advanced Panel Data Analysis with Application

3. *UNDERGRADUATE LEVEL COURSES*

Quantitative Methods I & II; Statistics I & II; Microeconomics; Macroeconomics; Public Sector Economics; Managerial Economics, Mathematics for Economist

SKILLS

- High analytical skills
- Team player
- Coordinating research seminars
- Advanced Programming knowledge in R, Stata, Limdep, Matlab etc.
- Programme/curriculum development
- Applying for research grants

AWARDS AND HONORS

AFRICAN DEVELOPMENT BANK GROUP (AERC/AFDB) RESEARCH GRANT Development Bank (Abidjan) & African Economic Research Consortium	2016 African
GLOBAL SWEDE AWARD Swedish Institute, Foreign Ministry	2016
BROWALDH PHD FELLOW Handelsbanken, Sweden	2014
NOVA SCHOLARSHIP State-of-the art payment in Environmental services & Market-based Instruments	2015
DANIDA GRANT Growth and Employment Platform (GEP), Phase I, Denmark	2012

GRADUATED POSTGRADUATE STUDENTS

GRADUATED PHD STUDENTS

1. Timothy King Avordeh, “Dynamic assessment and modelling of residential electricity demand response in Ghana”, co-supervisor, University of Energy and Natural Resources, Sunyani (submitted and awaiting defense)
2. Godwin Ansah, “Public sector performance and Knowledge exchange in the Ghanaian agriculture sector: the role of social innovation”, *Co-Supervisor*, GIMPA, Ghana, JULY, 2022, Graduated.
3. Alex Anlesinya, “Critical sustainability perspectives on strategic talent management: A multilevel and multi-method Analysis”, *Co-supervisor*, Business School, University of Ghana, JULY, 2022, Graduated.
4. Mawunyo Prosper Agradi, “Essays on Energy Efficiency, Remittances and Development Outcomes' Nexus in Africa”, *Lead Supervisor*, University of Insubria, Varese, Italy, MAY, 2022, Graduated

Note: Currently have more than ten (10) PhD students under my supervision as co- and lead supervisor.

GRADUATED MASTER LEVEL STUDENTS

Note: Have graduated more than 100 master students offering programmes in energy economics, development finance, public administration, financial economics, economics, and governance and leadership. Below is a sample list:

1. Vida Aba Essuman, “Gender and Educational differences in the Enabling Conditions and Barriers of Solar Photovoltaic adoption in Ghana” (Graduated, 2022), Lead Supervisor, GIMPA, Ghana.
2. Rhoda Akua Opoku, “Energy literacy levels and Energy Investment Choices among Churches in Ghana: Implications for energy conservation” (Graduated, 2022), Lead Supervisor, GIMPA, Ghana.
3. Charity Dzifa Akorli, “Locked-in or catching-up: the role of regulatory quality and control of corruption in energy efficiency transition tendencies in Africa” (Graduated, 2022), Lead Supervisor, GIMPA, Ghana
4. Emmanuel Senyo Amekplenu, “Does Religion influence Energy Efficiency in Africa?” (Graduated, 2023), GIMPA, Ghana.
5. Godsgood K. Botwe-Koomson, “Understanding Aggregate and Sectorial Energy Consumption Trends in Ghana from 2013 to 2020: Highlighting the role Of Covid-19 and key energy policy interventions” (Graduated, 2022), GIMPA, Ghana.

6. Adam Mutawakilu, "The Influence of System Downtimes, Line Fault Outages, and Production Zones on Power Transmission Losses and Transmission Efficiency" (Graduated, 2021), Lead Supervisor, GIMPA, Ghana.
7. Berenga Serwaa Jantuah, "Asymmetries in Demand- and Supply-side of the Electricity Market: Implications for Energy Access and Government Energy Subsidy Programmes" (Graduated, 2020), *Lead Supervisor*, GIMPA.
8. Solomon Amoani. "Climate change and financial development in G22 countries", *Lead Supervisor (Graduated, 2020)*, GIMPA.
9. Essel Akos Dakudzi. "Capital flight: A risk factor or not in investment efficiency?", *Lead Supervisor (Graduated, 2020)*, GIMPA.
10. Jemima Akosua Okaikor Okai. "Assessing the Impact of Infrastructural Development on Students' Academic Performance in Public and Private Basic Schools: The Case of Ga East Municipality, Accra Ghana", *Lead Supervisor (Graduated, 2020)*, GIMPA.
11. Winnifred Acheampong. "Assessing the Impact of Mobile Money Interoperability (Mmi) on Small and Medium Scale Enterprises (Smes) Payments and Receipts: Case Study of Sowutuom Township", *Lead Supervisor (Graduated, 2020)*, GIMPA.
12. Samuel Kwame Yeboah. "Revenue Mobilisation Options for Local Government Administration in Ghana: The Case of Ledzokuku Municipal Assembly (LEKMA)", *Lead Supervisor (Graduated, 2020)*, GIMPA.
13. Samuel Maneen. "Assessment of knowledge/awareness level of food safety and hygiene practices among street food vendors in the Accra Metropolitan Assembly of the Greater Accra Region: A study on the causal factors", *Lead Supervisor (Graduated, 2020)*, GIMPA.

Note: Currently, there are more twenty (20) master level students under my supervision.

RESEARCH MENTORSHIP

STUDENTS

PHD LEVEL

Anlesinya A., Amponsah-Tawiah K., Adom P.K., Damoah O.B.O. (2023). National wellbeing and macro talent management revisited: issues of convergence and moderating role of natural resource endowment in developing countries. *Journal of Management & Organization* 1–26. <https://doi.org/10.1017/jmo.2022.86>

Agradi, M.P. (2023). Does remittances inflow influence energy poverty? *Applied Energy*, 335: 120668. <https://doi.org/10.1016/j.apenergy.2023.120668>

Agradi, M.P., Adom, P.K., Vezzulli, A. (2022). Towards sustainability: Does energy efficiency reduce unemployment in African cities. *Sustainable Cities and Society* 79: 103683. <https://doi.org/10.1016/j.scs.2022.103683>

Adom, P.K., **Agradi, M.**, Vezzulli, A. (2021). Energy efficiency – Economic growth nexus: what is the role of income inequality? *Journal of Cleaner Production*, 310: 127382. <https://doi.org/10.1016/j.jclepro.2021.127382>

Anlesinya, A., Amponsah-Tawiah, K., Adom, P.K., Obi Berko Obeng Damoah, O.B.O., Dartey-Baah, K (2021). Strategic talent management, decent work and national wellbeing nexus: a cross-country and

panel data analysis. *International Journal of Manpower*, 42 (5): 777-793. <https://doi.org/10.1108/IJM03-2020-0106>

MASTER LEVEL

Adom, P.K., Amuakwa-Mensah, F., **Akorli, C.D.** (2023). Energy Efficiency As A Sustainability Concern In Africa And Financial Development: How Much Bias Is Involved? *Energy Economics*, 120: 106577. <https://doi.org/10.1016/j.eneco.2023.106577>

Akorli, C.D., Adom, P.K. (2023). The Role of Corruption Control and Regulatory Quality in Energy Efficiency Transition Tendencies In Africa. *Iscience*, 26(3): 106262. <https://doi.org/10.1016/j.isci.2023.106262>

Opoku, R.A., Adom, P.K. (2023). Energy Literacy Levels and Energy Investment Choices of Faith-Based Organisations in Accra Metropolitan Assembly, Ghana: Implications for Energy Conservation, *Cleaner And Responsible Consumption*, 8:100100 <https://doi.org/10.1016/j.clrc.2023.100100>

Adom, P.K., **Amoani, S.** (2021). The role of climate adaptation readiness in economic growth and climate change relationship: An analysis of the output/income and productivity/institution channels. *Journal of Environmental Management*, 293: 112923 <https://doi.org/10.1016/j.jenvman.2021.112923>

Jantuah B.S., Adom P.K. (2020). Determination of Asymmetries and Market Integration in the Electricity and Crude Oil Markets. In: Shahbaz M., Balsalobre-Lorente D. (eds) *Econometrics of Green Energy Handbook*. Springer, Cham. https://doi.org/10.1007/978-3-030-46847-7_15

UNDERGRADUATE LEVEL

Adom, P.K., **Zumah, F.**, **Mubarik A.M.**, **Ntodi, A.B.**, **Darko C.N.** (2015). Analysing inflation dynamics in Ghana. *African Development Review*, 27(1): 113. <https://doi.org/10.1111/1467-8268.12118>

JUNIOR RESEARCHERS

Liu, F., Sim, J-Y., **Edziah, B.K.**, Sun, H., Sarkodie, S.A., Adom, P.K. (2023) Machinery import, R&D spillover, and energy efficiency. *Journal of Environmental Planning and Management*, <https://doi.org/10.1080/09640568.2023.2166819>

Liu F., Jea-yeon S., Sun H., **Edziah B.K.**, Adom, P.K., Song, S. (2023). Assessing the role of economic globalization on energy efficiency: Evidence from a global perspective. *China Economic Review*, 77: 101897. <https://doi.org/10.1016/j.chieco.2022.101897>

Adom, P.K., **Nsabimana, A.** (2022). Rural access to electricity and welfare outcomes in Rwanda: Addressing issues of transitional heterogeneities and between and within gender disparities. *Resource and Energy Economics*, 70: 101333. <https://doi.org/10.1016/j.reseneeco.2022.101333>

Edziah, B.K., Sun, H., Adom, P.K., Agyemang, A.O., Wang, F. (2022). *The role of exogenous technological factors and renewable energy in carbon dioxide emission reduction in sub-Saharan African*. *Renewable Energy*, 196: 1418-1428. <https://doi.org/10.1016/j.renene.2022.06.130>

Adom, P.K., **Yeo, J.**, Zhang, L (2021). Is water use sustainable and efficient in China? Evidence from a macro level analysis. *Applied Economics*, 53: 6166-6183. <https://doi.org/10.1080/00036846.2021.1937496>

Bentil A.M., Adom P.K. (2020) Renewable Energy—Economic Growth Nexus: Addressing Potential Issues of Endogeneity and the Precision of the Long-Run Relationship. In: Shahbaz M., Balsalobre-Lorente D. (Eds) *Econometrics of Green Energy Handbook*. Springer, Cham. https://doi.org/10.1007/978-3030-46847-7_15

Adom, P.K., **Opoku, E.E.O.**, Yan, I.K-M. (2019). Energy demand –FDI nexus in Africa: Do FDIs induce dichotomous paths? *Energy Economics*, 81:928-941. <https://doi.org/10.1016/j.eneco.2019.05.030>

An Y., Zhang, L., Adom, P.K. (2019). The economies of wastewater management in China’s Industry. *Environment and Development Economics*, 24(5): 457-478. <https://doi.org/10.1017/S1355770X19000202>

Adom P.K., Kwakwa P., **Amankwaa, A.** (2018). The long-run effects of economic, demographic, and political indices on actual and potential CO2 emissions. *Journal of Environmental Management*, 218: 516-526. <https://doi.org/10.1016/j.jenvman.2018.04.090>

Zhang, L., Adom, P.K., **An, Y.** (2018). Regulation-induced structural break and the long-run drivers of industrial Pollution intensity in China. *Journal of Cleaner Production*, 198: 121-132. <https://doi.org/10.1016/j.jclepro.2018.07.008>

Sarkodie S.A., Adom, P.K. (2018). Determinants of energy consumption in Kenya: A NIPALS Approach. *Energy*, 159: 696-705. <https://doi.org/10.1016/j.energy.2018.06.195>

JUNIOR FACULTY

Sekyi, S., Adom, P.K., Abdualai, A. (2023). Linking Crop Specialization to Agricultural Commercialization: An Empirical Evidence from the Northern Savannah Ecological Zone Of Ghana. *The Journal of Developing Areas*, 57(2): 89-105. [Http://Muse.Jhu.Edu/Article/886094](http://Muse.Jhu.Edu/Article/886094)

Yorke, S.M., Adom, P.K., Ng, A. (2023). Scaling renewable energy capacities for sustainability in Africa: Cases of innovative financing options. Forthcoming in Taylor and Francis Book series.

Adom, P.K., Amuakwa-Mensah, F., **Mawunyo, A.P.**, **Nsabimana, A.** (2021). Energy Poverty, development outcomes, and transition to green energy. *Renewable Energy*, 178: 1337 – 1352. <https://doi.org/10.1016/j.renene.2021.06.120>

Odonkor, S., Adom, P.K (2020). Environment and Health Nexus in Ghana: A Cross Sectional Study on Perceived relationship and Willingness-to-Participate (WTP) in design of environmental protection policy. *Urban Climate* 34: 100689. <https://doi.org/10.1016/j.uclim.2020.100689>

Adom, P.K., **Owusu, M.**, **Agradi, M.P.** (2020). Does financial development lower energy intensity? [*J*]. *Frontiers in Energy*, 14(3): 620 -634. <https://doi.org/10.1007/s11708-019-0619-x>

Adom, P.K., **Mawunyo, A.**, Bekoe, W. (2019). Electricity supply in Ghana: The implications of climate-induced distortions in the water-energy equilibrium and system losses. *Renewable Energy*, 134: 1114-1128. <https://doi.org/10.1016/j.renene.2018.09.025>

Adom, P.K., **Amakye, K., Abrokwah, K., Quaidoo, C.** (2018). Estimate of transient and persistent energy efficiency in Africa: A stochastic frontier analysis. *Energy Conversion and Management*, 166C: 556-568. <https://doi.org/10.1016/j.enconman.2018.04.038>

Adom, P.K., **Agradi, M.P., Quaidoo, C.** (2018). The transition probabilities of Inflation Episodes in Ghana. *International Journal of Emerging Markets*, 13(6): 2028-2046. <https://doi.org/10.1108/IJoEM-08-20170313>

Adom, P.K., **Minlah, M.K.**, Adams, S. (2018). Impact of renewable energy (hydro) on electricity prices in Ghana: A tale of the short- and long-run. *Energy Strategy Reviews*, 20: 163-178. <https://doi.org/10.1016/j.esr.2018.03.002>

Adom, P.K., **Insaidoo, M., Minlak M.K., Abdul-Mumuni, A.** (2017). Does Renewable Energy concentration increase the variance in Electricity Prices in Africa? *Renewable Energy*, 107(C): 81100. <https://doi.org/10.1016/j.renene.2017.01.048>

Adom P.K., **Amakye, K.**, Barnor C., Quartey G. (2015). The long run impact of idiosyncratic and common shocks on industry output in Ghana. *OPEC Energy Review*, 39(1): 17-52. <https://doi.org/10.1111/opec.12039>

ACADEMIC PROGRAMME COORDINATION

1. MSC Development Finance, Ghana Institute of Management and Public Administration, 2019 to 2022
2. MA Regional Integration, Ghana Institute of Management and Public Administration, 2021 to 2022
3. Msc Energy Economics, Ghana Institute of Management and Public Administration, 2021 to 2024.

ACADEMIC PROGRAMME/CURRICULUM DEVELOPMENT

1. MSC Development Finance, Ghana Institute of Management and Public Administration
2. Msc Energy Economics, Ghana Institute of Management and Public Administration
3. LLM Energy and Law, Ghana Institute of Management and Public Administration (yet to be accredited)
4. MSc Economies of Energy Law, Ghana Institute of Management and Public Administration (yet to be accredited)

DOCTORAL/MASTER LEVEL THESIS EXAMINATION

1. Alanda Venter (2024). The effect of institutions in the energy-growth-human development nexus, University of Pretoria – [**External Examiner, Doctoral Thesis**]
2. Johann Vincent van der Westhuizen (2023). The impact of renewable energy on employment in South Africa, University of Cape Town- [**External Examiner, Master Level Thesis**]
3. Isacc Kwamena Nunoo (2023). The impact of electricity metering usage on household welfare in South Africa and Ghana, University of Cape Town – [**External Examiner, Doctoral Thesis**]
4. Raphael Aryee (2022). The impact of reverse logistics practices on firm performance in the beverage industry in Ghana, GIMPA – [**Internal Examiner, Doctoral Thesis**]
5. Evans Frimpong-Manso (2022). Income tax compliance of small-scale enterprises under the tax stamp system in Ghana. Doctor of Philosophy Degree in Accounting, GIMPA [**Internal Examiner**]
6. Tessie Chinembiri (2016). Determinants of energy efficiency in Zambia: the role of hydropower, University of Pretoria [**External Examiner, Master Thesis**]

SERVICE /ADMINISTRATIVE DUTIES TO UNIVERSITY/INSTITUTION

- 1. THE UNIVERSITY OF WITSWATERSRAND, SCHOOL OF ECONOMICS AND FINANCE, JOHANNESBURG – SOUTH AFRICA**
[Selected Member, Research Committee, School of Economics and Finance], FEB 2024- PRE
- 2. THE UNIVERSITY OF WITSWATERSRAND, SCHOOL OF ECONOMICS AND FINANCE, JOHANNESBURG – SOUTH AFRICA**
[Selected Member, Website Design Committee, School of Economics and Finance], FEB 2024- PRE
- 3. GHANA INSTITUTE OF MANAGEMENT AND PUBLIC ADMINISTRATION (GIMPA)**
[Chairman, Staff Appointment and Promotion Committee (SAPC), School of Public Service and Governance], SEPT 2022- JAN, 2024
- 4. GHANA INSTITUTE OF MANAGEMENT AND PUBLIC ADMINISTRATION (GIMPA)**
[Member, Staff Appointment and Promotion Committee (SAPC) - GIMPA], SEPT 2022 – JAN, 2024
- 5. GHANA INSTITUTE OF MANAGEMENT AND PUBLIC ADMINISTRATION (GIMPA)**
[Member, Search Committee for Director of Human Resource Management], 11TH NOV – 15TH DEC, 2022
- 6. GHANA INSTITUTE OF MANAGEMENT AND PUBLIC ADMINISTRATION (GIMPA)**
[Member/Chairman, Promotion Evaluation Committee for Associate Professor], SEPT, 2022 – JAN, 2024
- 7. GHANA INSTITUTE OF MANAGEMENT AND PUBLIC ADMINISTRATION (GIMPA)**
[Member, 2022 GIMPA Strategic Planning Writing workshop], 28TH AUG – 3RD SEPT, 2022
- 8. GHANA INSTITUTE OF MANAGEMENT AND PUBLIC ADMINISTRATION (GIMPA) [Member,**
GIMPA Academic Board], [Ghana], September 2022- JAN 2024
- 9. GHANA INSTITUTE OF MANAGEMENT AND PUBLIC ADMINISTRATION (GIMPA)**
[Chairman, Research, Publication and Grant Committee, SPSG], [Ghana], JAN 2022- JAN 2024
- 10. GHANA INSTITUTE OF MANAGEMENT AND PUBLIC ADMINISTRATION (GIMPA)**
[Member, Staff Development and Welfare Committee, SPSG], [Ghana], JAN 2021- JAN 2024
- 11. GHANA INSTITUTE OF MANAGEMENT AND PUBLIC ADMINISTRATION (GIMPA)**
[Program Coordinator of MSc Energy Economics], [Ghana], 2021- JAN 2024
- 12. GHANA INSTITUTE OF MANAGEMENT AND PUBLIC ADMINISTRATION (GIMPA) [Program**
Coordinator of MA Regional Integration], [GHANA], 2021-2022
- 13. GHANA INSTITUTE OF MANAGEMENT AND PUBLIC ADMINISTRATION (GIMPA)**

[Elected Committee Member, Research and Publications Committee of the Academic Board],
[Ghana], JAN 2020- JAN 2024

14. GHANA INSTITUTE OF MANAGEMENT AND PUBLIC ADMINISTRATION (GIMPA)

[Program Coordinator of MPhil/MSc Development Finance], [Ghana], 2019-2022

15. GHANA INSTITUTE OF MANAGEMENT AND PUBLIC ADMINISTRATION (GIMPA)

[Board Member, Graduate Studies and Research Committee], [Ghana], JAN 2019- JAN 2024

16. GHANA INSTITUTE OF MANAGEMENT AND PUBLIC ADMINISTRATION (GIMPA)

[Secretary, Research and Publication Committee, SPSG], [Ghana], JAN 2019- JAN 2022

17. GHANA INSTITUTE OF MANAGEMENT AND PUBLIC ADMINISTRATION (GIMPA)

[Board Member, Graduate Admission Committee], [Ghana], JAN 2019- JAN 2024

SERVICE TO OTHER LOCAL & INTERNATIONAL INSTITUTIONS – ACADEMIC & RESEARCH

1. **AFRICAN ACADEMIC OF SCIENCES (AAS) MENTORSHIP SCHEME, South Africa, [Selected Member, Mentoring], February 2024 – Present**
2. **CURTIN INSTITUTE FOR ENERGY TRANSITION (CIET), Australia, [Member of Working Group, CIET Training], November 2023 – Present**
3. **ANBELL INTERNATIONAL SCHOOL, Accra, Ghana, [Chairman, Parents Teachers Association], March 2021 – JAN 2024**
4. **ENVIRONMENT FOR DEVELOPMENT (EfD), Global Hub, Gothenburg, Sweden, [Member of Editorial Board], EfD Discussion Papers, December 2021 – Present**
5. **UNIVERSITY OF ENVIRONMENT AND SUSTAINABLE DEVELOPMENT (UESD), Somanya-Ghana, April 2021 – [External Examiner], [BSc. Energy and Resource Economics & BSc. Environmental Economics and Policy Programmes at Department of Sustainable Energy and Resources, UESD], April 2021-Present**
6. **SUSTAINABLE ENERGY TRANSITION INITIATIVE (SETI), Duke University (USA) and Environment for Development (EfD), Chile [Member of the SETI Steering Committee], [USA & Chile], May 2020 – Present**
7. **EMISSION PRICING FOR DEVELOPMENT (EPFD), Environment for Development, Gothenburg, Sweden [Member of Steering Committee], 2021 – Present**
8. **UNIVERSITY OF PRETORIA, School of Economics and Management, South Africa, [External Evaluation for promotion to Full Professor]**
9. **UNIVERSITY OF PRETORIA, School of Economics and Management, South Africa**

[External Examiner for postgraduate Dissertation], 2016

10. **SOUTH AFRICA NATIONAL RESEARCH FUND**, South Africa,
[Ad hoc Reviewer]
11. **SOUTH AFRICA WOMEN IN SCIENCE AWARD**, South Africa,
[Ad hoc Reviewer]
12. **RESEARCH AND GRANT INSTITUTE OF GHANA (REGIG)**
[Member of Internal Advisory Committee], [Ghana], 2017-2022

SERVICE TO COMMUNITY

1. **Full Scholarship to Mr. Richmond Mensah**, Undergraduate Student in Public Administration, GIMPA, 2021/2022 Academic year – 2022/2023
2. **Subsidized Intensive Training program in Advanced Time series modelling**, Symposium, 2019
3. **Subsidized Intensive Training program in Advanced Panel Time series modelling**, Symposium, 2019
4. **Philanthropic works –**
 - Kingdom Impact Foundation (Orphanage home) [sum of GHc1,500],
 - Dzowurlu Special School [GHc1,500],
 - Osu Children’s Home (Orphanage home) [GHs500],
 - Ad hoc supply of food to street children in Accra,
 - Funding more than half of the tuition fees for an undergraduate male student at GIMPA.

ESTBALISHMENT OF RESEARCH/TRAINING CENTRES

NAME OF CENTRE	FUNDING AGENCY	ROLE	YEAR OF ESTABLISHMENT
GIMPA-PURC Centre of Excellence in Public Utility Regulation (CEPUR)	A collaboration between Ghana Institute of Management and Public Administration (GIMPA) and Public Utility Regulation (PURC), Ghana. Project fully funded by PURC for the next five years	Co-Founder and Research Fellow of the centre	Feb, 2023
African School of Regulation (ASR) HQ, Accra-Ghana	European Commission	Implementing Institution	November 2023

REFEREE FOR ACADEMIC JOURNALS

Frequent reviewer for more than 100 academic journals. Examples include The Energy Journal, Ambio, World Development, Energy Economics, Energy Efficiency, Australian Economic Papers, Resources Policy, Journal of Environmental Management, Journal of Agricultural Economics and Food Policy, Energy-Journal, Energy Policy, PLoS ONE, Renewable and Sustainable Energy Reviews, Economic Modelling, Natural Hazards, Economics of Innovation and New Technology, Development Southern Africa Journal, Journal of Africa Business, African Development Review, African Education Review, African Geographic Review, Environmental Science and Pollution Research; Southern Development Economics; African Journal of Economics and Management Studies etc.

GRANTS/FUNDED PROJECTS

1. Understanding the realities of urban burning of plastic waste in Global South. Curtin University Project (**co-investigator**) 2024.
2. Peer Learning on Community Forestry for Policymakers and Researchers in Countries with Newer EFD Centers (2023). EFD-SIDA funded (**Principal Investigator**), SEK650,000.
3. Policy-research partnerships for pragmatic evaluation of climate change adaptation and development models in the agric-energy sector. Shell Foundation, Efd Global and Duke Energy Access Project Funded, 2022. (**Principal-Investigator**), SEK 450,000

4. Inclusive low-carbon transitions for sustainable development in the global South: Development of an Actionable Research Agenda. International Development Research Corporation (IDRC) funded, Canada, 2021-2023. **(Co-Investigator)**, 2 Million Canadian Dollars.
5. Educational outcome of children and financial inclusion of parents: the conditioning effect of family-based characteristics. UNICEF and Ghana Inclusive Development Research Network (GIDRN) (2019), US\$4,000 **(co-applicant)**
6. Conspiring to Violate Fishing Regulation: The Case of Saiko Fishing in Ghana. Environment for Development (EfD), SiDA research Project (2018), Sweden. US\$100,000 **(co-applicant)**
7. Energy efficiency in China: How persistent are the movements to/from the frontier. Research Grants Council of Hong Kong Special Administrative Region (2018), China (Project No. CityU 21603917) and the Startup Grant from City University of Hong Kong (7200527). 200,000 HKD **(co-applicant)**
8. Regulation-induced structural break and the long-run drivers of industrial Pollution intensity in China (2018). Research Grants Council of the Hong Kong Special Administrative Region, China (Project No. CityU 21603917), 200,000 HKD **(co-applicant)**
9. Unveiling the energy saving role of banking performance in Sub-Sahara Africa (2018). Economic Research Southern Africa (ERSA) Research Grant, South Africa. US\$2,000 **(co-applicant)**
10. The long-run price sensitivity dynamics of industrial and residential electricity demand: the impact of deregulating electricity prices (2016). African Economic and Research Consortium [Kenya]/African Development Bank Group (AERC/AFDB) [Abidjan] Research Grant, US\$15,000 **(Principal Investigator)**
11. Energy demand management in selected African countries. Browaldh Foundation, Handelsbanken [grant number: P2012-0263:1], Sweden. **(Principal Investigator)**

PEER-REVIEWED PUBLICATIONS

1. Adom, P.K. (2024). Global Energy Efficiency Transition Tendencies: Development Phenomenon or not? *Energy Strategy Reviews*, 55: 101524, <https://doi.org/10.1016/j.esr.2024.101524>
2. **Adom, P.K.** Adams, S., Quagraine, F.A. (2024). Parental Financial Inclusion and Child Proficiency in Low-Income Settings: Family Effects. *Development and Sustainability in Economics and Finance*, 2-4: 100009, <https://doi.org/10.1016/j.dsef.2024.100009>.
3. Adom, P.K. (2024). Socioeconomic impacts of climate change in developing countries over the next decades: A literature survey. *Heliyon*, 10(1): e35134, [10.1016/j.heliyon.2024.e35134](https://doi.org/10.1016/j.heliyon.2024.e35134)
4. Nsabimana, A., **Adom, P.K.** (2024). Heterogeneous effects from integrated farm innovations on welfare in Rwanda. *World Development Perspectives* 33: 100548, <https://doi.org/10.1016/j.wdp.2023.100548>.
5. Sekyi, S., **Adom, P.K.**, Wiafe, W. (2024). Income and health insurance effects on modern healthseeking behaviours in rural Ghana: Nature and extent of bias involved. *International Journal of Social Economics*, 51(6):800-818, [10.1108/IJSE-03-2023-0223](https://doi.org/10.1108/IJSE-03-2023-0223).

6. Liu, F., Sim, J-Y., Edziah, B.K., Sun, H., Sarkodie, S.A., **Adom, P.K.** (2024). Machinery import, R&D spillover, and energy efficiency. *Journal of Environmental Planning and Management*, 67(6): 1258-1279, <https://doi.org/10.1080/09640568.2023.2166819>
7. Nsabimana, A., **Adom, P.K.**, Mukamugema, A., Ngabitsinze, J.C. (2023). The short and long run effects of land use consolidation programme on farm input uptakes: Evidence from Rwanda. *Land Use Policy*, 132: 106787. <https://doi.org/10.1016/j.landusepol.2023.106787>.
8. Sekyi, S., **Adom, P.K.**, Abdualai, A. (2023). Linking crop specialization to agricultural commercialization: an empirical evidence from the Northern Savannah ecological zone of Ghana. *The Journal of Developing Areas*, 57(2): 89-105. [doi:10.1353/jda.2023.0024](https://doi.org/10.1353/jda.2023.0024)
9. **Adom, P.K.**, Amuakwa-Mensah, F., Akorli, C.D. (2023). Energy efficiency as a sustainability concern in Africa and financial development: How much bias is involved? *Energy Economics*, 120: 106577. <https://doi.org/10.1016/j.eneco.2023.106577>
10. Akorli, C.D., **Adom, P.K.** (2023). The role of corruption control and regulatory quality in energy efficiency transition tendencies in Africa. *iScience*, 26(3): 106262. <https://doi.org/10.1016/j.isci.2023.106262>
11. Liu F., Jea-yeon S., Sun H., Edziah B.K., **Adom, P.K.**, Song, S. (2023). Assessing the role of economic globalization on energy efficiency: Evidence from a global perspective. *China Economic Review*, 77: 101897. <https://doi.org/10.1016/j.chieco.2022.101897>
12. Opoku, R.A., **Adom, P.K.** (2023). Energy literacy levels and energy investment choices of faith-based organisations in Accra Metropolitan Assembly, Ghana: Implications for energy conservation, *Cleaner and Responsible Consumption*, 8:100100 <https://doi.org/10.1016/j.clrc.2023.100100>.
13. Anlesinya A., Amponsah-Tawiah K., **Adom P.K.**, Damoah O.B.O. (2022). National wellbeing and macro talent management revisited: issues of convergence and moderating role of natural resource endowment in developing countries. *Journal of Management & Organization* 1–26. <https://doi.org/10.1017/jmo.2022.86>
14. **Adom, P.K.**, Nsabimana, A. (2022). Rural access to electricity and welfare outcomes in Rwanda: Addressing issues of transitional heterogeneities and between and within gender disparities. *Resource and Energy Economics*, 70: 101333. <https://doi.org/10.1016/j.reseneeco.2022.101333>
15. Agradi, M.P., **Adom, P.K.**, Vezzulli, A. (2022). Towards sustainability: Does energy efficiency reduce unemployment in African cities. *Sustainable Cities and Society* 79: 103683. <https://doi.org/10.1016/j.scs.2022.103683>
16. Amuakwa-Mensah, F., Amuakwa-Mensah, S., Rebecca Afua Klege, R.A., **Adom, P.K.** (2022). Stockpiling and Food worries: changing habits and choices in the midst of COVID-19. *Socioeconomic Planning Sciences*, 82 (Part A) 101181. <https://doi.org/10.1016/j.seps.2021.101181>
17. Bless, K.E., Sun, H., **Adom, P.K.**, Agyemang, A.O., Wang, F. (2022). *The role of exogenous technological factors and renewable energy in carbon dioxide emission reduction in sub-Saharan African*. *Renewable Energy*, 196: 1418-1428. <https://doi.org/10.1016/j.renene.2022.06.130>
18. Amuakwa-Mensah, F., Klege, R., **Adom, P.K.**, Gunnar, K. (2021). COVID-19 and Handwashing. Implications for water use in sub-Saharan Africa. *Water Resource and Economics*, 36: 100189. <https://doi.org/10.1016/j.wre.2021.100189>
19. Adom, P.K. (2021). Energy efficiency – Financial Depth Nexus Revisited: Does the choice of instrumental variable and measure of financial depth matter? *Environmental Science and Pollution Research*, 28: 60080–60094. <https://doi.org/10.1007/s11356-021-14902-6>
20. **Adom, P.K.**, Amuakwa-Mensah, F., Mawunyo, A.P., Nsabimana, A. (2021). Energy Poverty, development outcomes, and transition to green energy. *Renewable Energy*, 178: 1337 – 1352. <https://doi.org/10.1016/j.renene.2021.06.120>

21. **Adom, P.K.**, Amoani, S (2021). The role of climate adaptation readiness in economic growth and climate change relationship: An analysis of the output/income and productivity/institution channels. *Journal of Environmental Management*, 293: 112923 <https://doi.org/10.1016/j.jenvman.2021.112923>
22. **Adom, P.K.**, Agradi, M., Vezzulli, A. (2021). Energy efficiency – Economic growth nexus: what is the role of income inequality? *Journal of Cleaner Production*, 310: 127382. <https://doi.org/10.1016/j.jclepro.2021.127382>
23. **Adom, P.K.**, Yeo, J., Zhang, L (2021). Is water use sustainable and efficient in China? Evidence from a macro level analysis. *Applied Economics*, 53: 6166-6183. <https://doi.org/10.1080/00036846.2021.1937496>
24. Anlesinya, A., Amponsah-Tawiah, K., **Adom, P.K.**, Obi Berko Obeng Damoah, O.B.O., DarteyBaah, K (2021). Strategic talent management, decent work and national wellbeing nexus: a cross-country and panel data analysis. *International Journal of Manpower*, 42 (5): 777-793. <https://doi.org/10.1108/IJM-03-2020-0106>
25. Adom, P.K (2021). Financial Depth and Electricity Consumption in Africa: Does Education matter? *Empirical Economics*, 61:1985-2039. <https://doi.org/10.1007/s00181-020-01924-1>
26. Odonkor, S., **Adom, P.K** (2020). Environment and Health Nexus in Ghana: A Cross Sectional Study on Perceived relationship and Willingness-to-Participate (WTP) in design of environmental protection policy. *Urban Climate* 34: 100689. <https://doi.org/10.1016/j.uclim.2020.100689>
27. **Adom, P.K.**, Owusu, M., Agradi, M.P (2020). Does financial development lower energy intensity? [J]. *Frontiers in Energy*, 14(3): 620 -634. <https://doi.org/10.1007/s11708-019-0619-x>
28. **Adom, P.K.**, Amuakwa-Mensah, F., Amuakwa-Mensah, S. (2020). Degree of Financialisation and Energy Efficiency in sub-Sahara Africa: Do Institutions matter? *Financial Innovation* 6:33. <https://doi.org/10.1186/s40854-020-00192-3>
29. **Adom, P.K.** Adams, S. (2020). Technical fossil fuel energy efficiency (TFEE) and debt-finance government expenditure nexus in Africa. *Journal of Cleaner Production* 271:122670. <https://doi.org/10.1016/j.jclepro.2020.122670>
30. **Adom, P.K.**, Adams, S. (2020). Decomposition of Technical Efficiency in Agricultural Production in Africa into Transient and Persistent Technical Efficiency under Heterogeneous Technologies. *World Development*, 129:104907. <https://doi.org/10.1016/j.worlddev.2020.104907>
31. An Y. Zhang, L., **Adom, P.K.** (2019). The economies of wastewater management in China's Industry. *Environment and Development Economics*, 24(5): 457-478. <https://doi.org/10.1017/S1355770X19000202>
32. Shahbaz, M., Gozgor, G., **Adom, P.K.**, Hammoudeh, S. (2019). The technical decomposition of carbon emissions and the concerns about FDI and trade openness effects in the United States. *International Economics* 159: 56-73. <https://doi.org/10.1016/j.inteco.2019.05.001>
33. **Adom, P.K.**, Opoku, E.E.O., Yan, I.K-M. (2019). Energy demand –FDI nexus in Africa: Do FDIs induce dichotomous paths? *Energy Economics*, 81:928-941. <https://doi.org/10.1016/j.eneco.2019.05.030>
34. Adom, P.K. (2019). Energy Indices: A risk factor or not in the financial sector. *Energy Strategy Reviews*, 24: 14-26. <https://doi.org/10.1016/j.esr.2019.01.005>
35. **Adom, P.K.**, Mawunyo, A., Bekoe, W. (2019). Electricity supply in Ghana: The implications of climate-induced distortions in the water-energy equilibrium and system losses. *Renewable Energy*, 134: 1114-1128. <https://doi.org/10.1016/j.renene.2018.09.025>
36. Adom, P.K. (2019). An evaluation of energy efficiency in Africa under heterogeneous technologies. *Journal of Cleaner Production*, 209: 1170-1181. <https://doi.org/10.1016/j.jclepro.2018.10.320>
37. Zhang L., **Adom, P.K.** (2018). Energy efficiency in China: How persistent are the movements to/from the frontier. *The Energy Journal*, 39(6): 147-169. <https://www.ijstor.org/stable/26606248>

38. Amuakwa-Mensah, F., Klege, R., **Adom, P.K.**, Hagan E., Amoah A. (2018). Unveiling the energy saving role of banking performance in Sub-Sahara Africa. *Energy Economics*, 74: 828-842. <https://doi.org/10.1016/j.eneco.2018.07.031>
39. **Adom P.K.**, Kwakwa P., Amankwaa, A. (2018). The long-run effects of economic, demographic, and political indices on actual and potential CO2 emissions. *Journal of Environmental Management*, 218: 516-526. <https://doi.org/10.1016/j.jenvman.2018.04.090>
40. **Adom, P.K.**, Adams, S. (2018). Energy savings in Nigeria: Is there a way of escape from energy inefficiency? *Renewable and Sustainable Energy Reviews*, 81: 2421-2430. <https://doi.org/10.1016/j.rser.2017.06.048>
41. **Adom, P.K.**, Amakye, K., Abrokwah, K., Quaidoo, C. (2018). Estimate of transient and persistent energy efficiency in Africa: A stochastic frontier analysis. *Energy Conversion and Management*, 166C: 556-568. <https://doi.org/10.1016/j.enconman.2018.04.038>
42. **Adom, P.K.**, Agradi, M.P., Quaidoo, C. (2018). The transition probabilities of Inflation Episodes in Ghana. *International Journal of Emerging Markets*, 13(6): 2028-2046. <https://doi.org/10.1108/IJoEM-08-2017-0313>
43. Zhang, L., **Adom, P.K.**, An, Y. (2018). Regulation-induced structural break and the long-run drivers of industrial Pollution intensity in China. *Journal of Cleaner Production*, 198: 121-132. <https://doi.org/10.1016/j.jclepro.2018.07.008>
44. Adom, P.K. (2018). The long-run effects of political regimes and economic openness on energy intensity. *African Development Review*, 30(4): 399-409. <https://doi.org/10.1111/14678268.12347>
45. Sarkodie S.A., **Adom, P.K.** (2018). Determinants of energy consumption in Kenya: A NIPALS Approach. *Energy*, 159: 696-705. <https://doi.org/10.1016/j.energy.2018.06.195>
46. **Adom, P.K.**, Minlah, M.K., Adams, S. (2018). Impact of renewable energy (hydro) on electricity prices in Ghana: A tale of the short- and long-run. *Energy Strategy Reviews*, 20: 163-178. <https://doi.org/10.1016/j.esr.2018.03.002>
47. **Adom, P.K.**, Djahini-Afawoubo, D.M., Mustapha, S.A., Fankem, S.G., Rifkatu, N. (2018). Does FDI moderate the role of Public R&D in accelerating Agricultural Production in Africa? *African Journal of Economics and Management Studies*, 9(3): 290-304. <https://doi.org/10.1108/AJEMS07-2017-0153>
48. **Adom, P.K.**, Agradi M., Barnor C. (2018). Road Transport Energy Demand in West Africa: A test of the Consumer-tolerable Price hypothesis? *International Journal of Sustainable Energy*, 37(10): 919 – 940. <https://doi.org/10.1080/14786451.2017.1398161>
49. Amuakwa-Mensah, F., **Adom, P.K.** (2017). Quality of institution and the FEG (Forest, Energy Intensity & Globalization)-Environment relationships in sub-Saharan Africa. *Environmental Science and Pollution Research*, 24: 17455–17473. <https://doi.org/10.1007/s11356-017-9300-2>
50. **Adom, P.K.**, Insaidoo, M., Minlak M.K., Abdul-Mumuni, A. (2017). Does Renewable Energy concentration increase the variance in Electricity Prices in Africa? *Renewable Energy*, 107(C): 81100. <https://doi.org/10.1016/j.renene.2017.01.048>
51. Adom, P.K. (2017). The long-run price sensitivity dynamics of industrial and residential electricity demand: the impact of deregulating electricity prices. *Energy Economics*, 62: 43-60. <https://doi.org/10.1016/j.eneco.2016.12.010>
52. Adam, S., **Adom, P.K.**, Klobodu M.K.E. (2016). Urbanization, regime type, durability, and environmental degradation in Ghana. *Environmental Science and Pollution Research*, 23: 825-839. <https://doi.org/10.1007/s11356-016-7513-4>

53. **Adom, P.K.**, Amuakwa-Mensah, F. (2016). What drives the energy saving role of FDI and industrialization in East Africa. *Renewable and Sustainable Energy Reviews*, 65: 925-942. <https://doi.org/10.1016/j.rser.2016.07.039>
54. **Adom, P.K.**, Bekoe, W., Quartey G., Barnor C., Amakye K. (2016). Impact of market-based policies and external fiscal discipline on Ghana's inflation. *Review of Development Economics*, 20(4): 794816. <https://doi.org/10.1111/rode.12228>
55. **Adom, P.K.**, Amakye, K., Barnor C., Quartey G., Bekoe, W. (2016). Shift in demand elasticities, road energy forecast, and the persistence profile of shocks. *Economic Modelling*, 55: 189-206. <https://doi.org/10.1016/j.econmod.2016.02.004>
56. Adom, P.K. (2016). The transition between energy efficient and energy inefficient states in Cameroon. *Energy Economics*, 54: 248-262. <https://doi.org/10.1016/j.eneco.2015.11.025>
57. Adom, P.K. (2015). Asymmetric effects of energy intensity determinants in Nigeria. *Energy Economics*, 49: 570-580. <https://doi.org/10.1016/j.eneco.2015.03.027>
58. Adom, P.K. (2015). Determinants of energy intensity in South Africa: Testing for structural effects in parameters. *Energy*, 89 (9): 334-346. <https://doi.org/10.1016/j.energy.2015.05.125>
59. Adom, P.K. (2015). Business cycle and Economic-wide energy intensity: The implications for energy conservation policy in Algeria. *Energy*, 88(8): 334350. <https://doi.org/10.1016/j.energy.2015.05.051>
60. **Adom P.K.**, Amakye, K., Barnor C., Quartey G. (2015). The long run impact of idiosyncratic and common shocks on industry output in Ghana. *OPEC Energy Review*, 39(1): 17-52. <https://doi.org/10.1111/opec.12039>
61. **Adom, P.K.**, Zumah, F., Mubarik A.M., Ntodi, A.B., Darko C.N. (2015). Analysing inflation dynamics in Ghana. *African Development Review*, 27(1): 113. <https://doi.org/10.1111/14678268.12118>
62. **Adom P.K.**, Kwakwa P.A. (2014). Effects of changing trade structure and technical characteristics of the manufacturing sector on energy intensity in Ghana. *Renewable and Sustainable Energy Reviews*, 35C: 475-483. <https://doi.org/10.1016/j.rser.2014.04.014>
63. Adom, P.K. (2014). Determinants of food availability and access in Ghana: what can we learn beyond the regression results? *Studies in Agricultural Economics*, 116 (3): 153-164. <http://dx.doi.org/10.7896/j.1423>
64. Adom, P.K. (2014). Determination of Spatial Integration and substitution of foreign rice for local rice in Ghana. *Review of Agricultural and Applied Economics*, XVII (2): 49-64. <http://dx.doi.org/10.15414/raae.2014.17.02.49-64>
65. Adom, P.K. (2014). Commodity-specific Spatial Integration, Inter-commodity integration and Substitution between maize and sorghum in Ghana. *Ghanaian Journal of Economics*, 2: 49-76. <https://hdl.handle.net/10520/EJC169146> / <http://dx.doi.org/10.4314/GJAS.V41I1.46143>
66. Mensah T.J., **Adom P.K.**, Berko P.J. (2014). Does automation improve stock market efficiency? Evidence from Ghana. *African Review of Economics and Finance*, 6 (1): 69-101. <https://hdl.handle.net/10520/EJC155584>
67. Adom P.K. (2013). Time-Varying Analysis of Aggregate Electricity Demand in Ghana: A Rolling Analysis. *OPEC Energy Review*, 37(1): 63-80. <https://doi.org/10.1111/j.17530237.2012.00227.x>
68. **Adom, P.K.**, Bekoe, W. (2013). Modeling electricity demand in Ghana revisited: the role of policy regime changes. *Energy Policy*, 61: 42-50. <https://doi.org/10.1016/j.enpol.2013.05.113>
69. **Adom, P.K.**, Bekoe, W., Amuakwa-Mensah, F., Mensah, J.T., Botchway, E. (2012). Carbon dioxide emissions, economic growth, industrial structure, and technical efficiency: Empirical evidence from Ghana, Senegal, and Morocco on the causal dynamics. *Energy*, 47(1): 314-325. <https://doi.org/10.1016/j.energy.2012.09.025>

70. **Adom, P.K.**, Bekoe, W. (2012). Conditional dynamic forecast of electrical energy consumption requirements in Ghana by 2020: A comparison of ARDL and PAM. *Energy*, 44(1); 367–380. <https://doi.org/10.1016/j.energy.2012.06.020>
71. **Adom, P.K.**, Bekoe, W., Akoena S.K.K. (2012). Modelling aggregate domestic electricity demand in Ghana: An autoregressive distributed lag bounds cointegration approach. *Energy Policy*, 42: 530-537. <https://doi.org/10.1016/j.enpol.2011.12.019>

BOOKS/CHAPTERS OF BOOK

1. Yorke, S.M., **Adom, P.K.**, Ng, A. (2023). Scaling renewable energy capacities for sustainability in Africa: Cases of innovative financing options. Forthcoming *In Financial and Technological Innovation for Sustainability: Environmental, Social and Governance Performance*. Taylor and Francis Book series.
2. Iddrisu, K., **Adom, P.K.**, Ibrahim, J.M., Karimu, A. (2023). Economics of downstream oil and gas project, risk, and decision analysis. In: Abor, J.Y., Karimu, A., Brannlund, R. (eds) *The economics of the oil and gas industry: Emerging markets and developing economies*. (n.d.). (n.p.): Taylor and Francis. <https://doi.org/10.4324/9781003315056>
3. Jantuah B.S., **Adom P.K.** (2020). Determination of Asymmetries and Market Integration in the Electricity and Crude Oil Markets. In: Shahbaz M., Balsalobre-Lorente D. (eds) *Econometrics of Green Energy Handbook*. Springer, Cham. https://doi.org/10.1007/978-3030-46847-7_15
4. Bentil A.M., **Adom P.K.** (2020) Renewable Energy—Economic Growth Nexus: Addressing Potential Issues of Endogeneity and the Precision of the Long-Run Relationship. In: Shahbaz M., Balsalobre-Lorente D. (eds) *Econometrics of Green Energy Handbook*. Springer, Cham. https://doi.org/10.1007/978-3-030-46847-7_13
5. **Adom P.K.**, Kwakwa P.A. (2019) Does Technological Progress Provide a Win–Win Situation in Energy Consumption? The Case of Ghana. In: Shahbaz M., Balsalobre D. (eds) *Energy and Environmental Strategies in the Era of Globalization*. Green Energy and Technology (pp.363385). Springer, Cham. https://doi.org/10.1007/978-3-030-06001-5_14
6. **Adom, P.K.** (2016). Energy demand management in selected African Countries. The Swedish University of Agricultural Sciences, <http://pub.epsilon.slu.se>. ISBN: 978-91-576-8547-6 7. **Adom, P.K.** (2011). Energy demand in Ghana: A case study of the electricity sub-sector. African Economic Research Consortium (AERC) and University of Ghana, <http://publication.aercafricalibrary.org/handle/123456789/2017>

TECHNICAL REPORTS

1. Adom, P.K. (2024). “The Socioeconomic Impact of Climate Change in Developing Countries in The Next Decades.” Cgd Working Paper 678. Washington, Dc: Center for Global Development. <https://www.cgdev.org/publication/socioeconomic-impact-climate-change-developingcountries-next-decades-review>
2. Amuakwa-Mensah F., **Adom, P.K.**, Amin Karimu, A., Jabir Ibrahim Mohammed, J.I. (2023), Brief actionable research agenda on: Infrastructure. Funded by IDRC-CRDI, Canada. https://www.efdinitiative.org/sites/default/files/publications/EfD_twopager_A4_INFRASTRUCTURE.pdf
3. **P.K. Adom.**, K. Jammeh, and J. Oduor (2022), An Outlook of Energy Demand, Supply And Cost In Tanzania, Working Paper Series N° 370, African Development Bank, Abidjan, Côte D’ivoire. <https://www.afdb.org/en/documents/working-paper-370-outlook-tanzanias-energy-demandsupply-and-cost-2030>

4. **P.K. Adom**, A. Karimu, F. Amuakwa-Mensah, and J.B. Mohammed (2023). A research agenda for low carbon transition and gender equity in the Global South (Infrastructure). IDRC-CRDI Funded, Canada. [HTTPS://BIT.LY/3ZYFP1P](https://bit.ly/3ZYFP1P)

CONFERENCES/WORKSHOPS/SEMINARS

1. **Sustainable Energy Transition Initiative (SETI) conference 2024**, Virtual, Duke University. [Discussant]
2. **Sustainable Energy Transition Initiative (SETI) conference 2024**, Virtual, Duke University. [Participant] on [Is being more aggressive rewarding? The case of environmental tax and income nexus in developing countries].
3. **SETI-IGE Workshop 2023: Biomass Dependency in Africa, Accra City Hotel, Ghana**. [Guest Speaker] on [Biomass Dependency in Ghana: Challenges, Opportunities and Policy development]
4. **Environment for Development (Efd) 17 Annual Conference, 2023**, Movenpic Hotel, Accra, Ghana. [Discussant]
5. **Environment for Development Validation Workshop 2023 for IDRC Project, University of Cape Town, South Africa**. [Discussant]
6. **Environment for Development (Efd) 16 Annual Conference, 2022**, University of Makerere, Kampala, Uganda. [Discussant]
7. **Environment for Development (Efd) 16 Annual Conference, 2022**, University of Makerere, Kampala, Uganda. [Energy efficiency as a sustainability concern and financial development: how much bias is involved]
8. **Sustainable Energy Transition Initiative (SETI) conference 2022**, Virtual, Duke University. [Discussant]
9. **SUSTAINABLE ENERGY TRANSITION INITIATIVE (SETI) Virtual Workshop 2022**, Virtual, Energy Access, Climate Policies and Economic Development for Global South, Duke University, USA [Paper: Energy Efficiency As A Sustainability Concern And Financial Development. How Much Bias Is Involved]
10. **Ammarnas 2021 23-24 March**, virtual, Centre for Environment and Resource Economics (CERE), Umea University and Swedish University of Agricultural Sciences (SLU), Umea, Sweden [Paper: Energy Poverty, development outcomes and the transition to green energy]
11. **Environment for Development (Efd) 14 Annual Conference, 2020**, Virtual, University Of Gothenburg, Sweden. [Discussant]
12. **Sustainable Energy Transition Initiative (SETI) Virtual Workshop 2020**, Energy Access, Climate Policies and Economic Development for Global South, Duke University, USA [Paper: Financial Depth as a demand-side management strategy in the electricity sector in Africa: Does Education matter?]
13. **Environment for Development (Efd) Conference, 2019, Columbia** [Paper: Financial Depth as a demand-side management strategy in the electricity sector in Africa: Does Education matter?]
14. **GIMPA Research Intensification Seminar Series (GRISS), 2019, Accra-Ghana**. [Paper: Financial Depth as a demand-side management strategy in the electricity sector in Africa: Does Education matter?]
15. **Environment for Development (Efd) Conference, 2019, Columbia, University Of Gothenburg, Sweden**. [Discussant]

16. **SURED 2018**, Zurich, Switzerland. [Paper: Energy Efficiency Transitions in China: How persistent are the movements to/from the frontier?]
17. **WCERE 2018**, Gothenburg, Sweden. [Paper: Energy Efficiency Transitions in China: How persistent are the movements to/from the frontier?]
18. **Roundtable discussion on Enhancing Value Addition in the Extractives sector in Africa: Why is it important and how can it be achieved?** Organized by **UONGOZI INSTITUTE**, Tanzania, and Office of the President Ghana. 4-5th December, 2017, Accra-Ghana [Discussant].
19. **BIENNIAL Annual conference of the Economic Society of South Africa**, Aug-Sept, 2017, Pretoria, South Africa. [Paper: Unveiling the energy saving role of banking performance in Sub-Sahara Africa].
20. **EPDP conference on Energy Policy: Toward inclusive and sustainable energy development 2016**, Philippines. [Paper: The transition between energy efficient and energy inefficient states in Cameroon]
21. **Ulvön Conference on Environmental and Energy Economics 2015**, Sweden. [Participant]
22. **Ammarnäs, Cere Annual Spring Meeting**, 2015, Sweden. [Paper: Business Cycle and Economic Wide Energy Intensity: The Implications for Energy Conservation Policy in Algeria]

IMPACT OF RESEARCH ON AND/ POLICY ENGAGEMENT

- I am a member of a team that performed research needs assessment as related to low carbon transition in the Global South for IDRC. This is intended to help IDRC set the research agenda for funding purposes in the next five years.
- My work on “energy efficiency evaluation in Africa under heterogeneous technology (Published in Journal of Cleaner Production)” cited in the fifth online energy professionals round table 2021 on the theme: *financing energy projects via ESCOs: developing and implementing scalable financial mechanisms for energy transformation in Africa*.
<https://www.worldenergyday.net/wp-content/uploads/2021/12/Eenovators-EnergyRoundtable-5-Report-2021-copy.pdf>
- I was invited among other team of experts by the Ministry of Energy, Ghana, to discuss Ghana’s National Energy Transition Plan to low-carbon.
- I led a team of consultants to prepare a thirteen-chapter policy document on Tanzania’s energy sector for the African Development Bank, Tanzania Office, which was funded by the Regional Power Sector Department of AfDB. I wrote seven chapters as well as contributed to the writing of the other chapters. I put the whole document together, ensuring its finalization. This report serves as the policy blueprint for AfDB’s investment in the Tanzanian electricity sector. In addition, it is to be passed on to the government of Tanzania to guide them in their design and implementation of energy policy in Tanzania. For example, recommendation to fund the Malagarasi 47 MW hydro project in the report has been adopted by the bank.
- I was invited by the Office of the Vice President of Ghana to partake in a roundtable discussion on “Enhancing Value Addition in the Extractives sector in Africa: Why is it important and how can it be achieved?” Organized by UONGOZI INSTITUTE, Tanzania, and Office of the President Ghana. 4-5th December 2017. In Ghana, the outcome of this meeting informed the government’s whitepaper on the aluminum sector.

INTERNATIONAL AFFILIATION

1. Emission Pricing for Development, Gothenburg, 2021-present
2. International Association of Energy Economics (IAEE), USA, 2014 – present
3. International Society for Efficiency and Productivity Analysis (ISEAPA), 2020 - present
4. Environment for Development, Global, Sweden, 2020-present
5. Environment and Natural Resource Research Initiative (ENRRI), Environment for Development (EfD) – Ghana-Sweden, 2020-Present
6. Sustainable Energy Transition Initiative (SETI), 2018-Present
7. South African Association of Energy Economics (SAAEE), 2018 - Present
8. Ghana Inclusive Development Research Network (GIDRN), 2018-Present
9. African Scientist Directory, South Africa, 2020-Present

HOBBIES

Football, Table Tennis, volleyball, movies, and music

REFEREES

Prof Tommy Lundgren
Swedish University of Agricultural Sciences
Email: tommy.lundgren@slu.se

Prof Lin Zhang
City University of Hong Kong
Email: l.zhang@cityu.edu.hk