

OPEYEMI ESTHER AKINYEMI

Department of Economics & Development Studies, CBSS, Covenant University, Ota. Nigeria

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| Nationality: Nigerian | Status: Married | Gender: Female

Experienced development economist | Energy and environment policy | Sustainable development & green growth strategy | Econometrics and Macroeconomic modelling | Computable General Equilibrium Modelling

Education & Qualifications

- PhD Economics, Distinction (Covenant University, Nigeria, 2017)
- M.Sc. Economics (Covenant University, Nigeria, 2012)
- B.Sc. Economics, 2nd Upper (Covenant University, Nigeria, 2009)
- Certificate of Proficiency in Management, (Nigeria Institute of Management, 2010)
- Certificate in Data Analysis using SPSS 23 (Digital Bridge Institute, 2018)
- Certificate in Business Process Integration-SAP ERP TERP 10 (SAP, 2016)
- Certificate in Basic Computable General Equilibrium Modelling (CPEEL/EQUILIBRIA Consult, 2015)

Professional Profile

Over 7 years' research experience; an economist, consultant and energy policy analyst; possess a proven track record in research on development and socio-economic issues; an engaging and focused researcher who adopts a collaborative, analytical and innovative approach to tasks, team work and stakeholder engagement; areas of expertise includes delivering projects on sustainable development, energy policy and green growth strategy for developing countries; facilitated a workshop with a United Nations agency.

Promotes learning and excels in establishments that allows for growth and career development that will lead to the achievement of the overall corporate goals; research area focus on understanding the energy policy and environmental management linkage. Skilled in the use of with macro (economy-wide modelling) and micro-based data including econometric analysis using firm-level and household data.

Key Skills

- Adapt to new and challenging situations quickly and work in a dynamic environment.
- Advanced Microsoft skills and econometric packages (EViews, SPSS, STATA, GAMS).
- Adapts to changing priorities and requirements – manages workloads: delivers quality results.
- Innovative and creative.
- Builds and sustains relations with diverse groups, colleagues, management teams and stakeholders.

United Nations Economic Commission for Africa (UNECA), Ethiopia

August 2019 to date

Research Fellow

- Contribute to the work programme of the Macroeconomics and Governance Division
- Conduct research and analytical work relevant to the work programme of the division
- Collect, evaluate, analyse and interpret data on economic development issues that support ECA Member States
- Build, design and develop ECA macro model for Nigeria and Cote d'Ivoire
- Provide analytical and data support in the drafting of chapters for the division's flagship publications, technical and policy reports
- Provided inputs to the recent publication by UNECA titled "COVID19 in Africa: Protecting Lives and Economies"
- Provide support in organizing expert group meetings, workshops and seminars
- Engage in other activities as directed by the Director of the division.

Covenant University, Nigeria

November 2012 to date

Lecturer and Researcher

- Conducts policy-based research on issues relating to energy policy and environmental management, international development, macroeconomics and sustainable development.
- Use of a wide range of macroeconomic, analytical, econometric and quantitative tools in analyzing policy impacts.
- Publish research findings in peer reviewed high impact Journals both locally and internationally.
- Managed two recently completed projects fully funded to investigate household energy expenditure in Nigeria and Green Industrialization in Nigeria and Ghana.
- Develops, reviews and coordinate course curriculum for 2nd, 3rd and final year students.

- Develops course contents for online teaching materials using the Moodle platform.
- Effectively plans, coordinates and delivers engaging team teaching of undergraduate/postgraduate courses.
- Supervises and assess undergraduate students' final year projects.
- Participating in departmental and University-wide Committees for ensuring the overall objectives of the University.

Nordic Africa Institute, Sweden

March 2019 – June 2019

Guest Researcher

- Conducted research on “Energy Sustainability, Green Growth and the Sustainable Development Agenda in Sub-Saharan Africa” and “The Political Dynamics of the Transition to Green Growth in Africa”
- Developed my work in progress research papers on my ongoing work relating to the transition to green growth strategy for developing countries.
- Engaged in any other research activities such as seminar presentation at the United Nations University World Institute for Development Economics (UNU-WIDER), Finland and as directed by my host, Jorgen Levine, and the Director of the Institute

List of Publications

- **Akinyemi, O.**, Okoli, I. & Chidozie, F. (2020). **Institutional Framework and the Transition to Green Growth for Sustainable Development in Africa**. Forthcoming in: *African Journal of Business and Economic Research*.
- **Akinyemi, O.**, Efobi, U., Osabuohien, E. & Alege, P. (2019). **Regional Integration and Energy Sustainability in Africa: Exploring the Challenges and Prospects for ECOWAS**. *African Development Review*, 31(4), 517-528
- **Akinyemi, O.**, Efobi, U., Asongu, S. & Osabuohien, E. (2019). **Renewable Energy, Trade Performance and the Conditional Role of Finance and Institutional Capacity in Sub-Saharan African Countries**. *Energy Policy*, 132, 490-498
- **Akinyemi, O.**, Efobi, U., Osabuohien, E. & Alege, P. (2019). Regional Integration and Energy Sustainability in Africa: Exploring the Challenges and Prospects for ECOWAS. Forthcoming in: *African Development Review*.
- **Akinyemi, O.**, Efobi, U., Asongu, S. & Osabuohien, E. (2019). Renewable Energy, Trade Performance and the Conditional Role of Finance and Institutional Capacity in Sub-Sahara African Countries. *Energy Policy*, 132(3), 490-498.
- Efobi, U., Belmondo, T., Orkoh, E., Atata, S., **Akinyemi, O.** & Beecroft, I. (2018). Environmental Pollution Policy of Small Businesses in Nigeria and Ghana: Extent and Impact. *Environmental Science and Pollution Research*, 26(3), 2882-2897.
- Efobi, U. & **Akinyemi, O.** (2018). Determinants of Household Energy Expenditures: A Gender Analysis from Nigeria. *ECOWAS Sustainable Energy Journal*, 1(1), 9-28.
- Ogundipe, A., **Akinyemi, O.** & Ogundipe, O. (2018). Energy Access: Pathway to Attaining Sustainable Development in Africa. *International Journal of Energy Economics and Policy*, 8(6), 371-381
- Oludumila, O., **Akinyemi, O.** & Adediran, O. (2018). Human Capital Development and Inclusive Growth: Implications for Achieving SDG-4 in Nigeria. *Africa Population Studies*, 32(1), (Supp.); 4088-4096
- **Akinyemi, O.**, Alege, P. O., Osabuohien, E., & Ogundipe A. (2017). Energy Security, Trade and the Transition to Green Economy in Africa. *International Journal of Energy Economics and Policy*, 7(3), 127-136
- **Akinyemi, O.**, Alege P. O., Ajayi, O., Adediran O. & Urhie E. (2017). A Simulation of the Removal of Fuel Subsidy and the Performance of the Agricultural Sector in Nigeria using a Dynamic Computable General Equilibrium Approach. Forthcoming in: *Covenant Journal of Business and Social Sciences*, 8(1), 60-70.
- **Akinyemi, O.**, Alege P. O., Ajayi, O. & Okodua, H. (2016). Energy Pricing Policy and Environmental Quality in Nigeria: A Dynamic CGE Approach. *International Journal of Energy Economics and Policy*, 7(1), 268-276.
- **Akinyemi, O.**, Alege P. O., Osabuohien E. & Ogundipe, A. (2016). Energy Security and the Green Growth Agenda in Africa: Exploring Trade-offs and Synergies. *Mediterranean Journal of Social Sciences*, 7(1), 375-382.
- Ogundipe, A., **Akinyemi, O.**, & Ogundipe, O. (2016). Electricity Consumption and Economic Development in Nigeria. *International Journal of Energy Economics and Policy*, 6(1), 134-143.
- **Akinyemi, O.**, Alege, P. O., Ajayi, O., Amaghionyeodiwe, L. A. & Ogundipe, A. (2015). Fuel Subsidy Reform and Environmental Quality in Nigeria. *International Journal of Energy Economics and Policy*, 5(2), 540-549.
- Amaghionyeodiwe, L. A. & **Akinyemi, O.** (2015). Twin Deficit in Nigeria: A Re-examination. *Journal of Economic and Social Studies*, 5(2), 149-179
- **Akinyemi, O.**, Ogundipe, Adeyemi., & Alege, Philip. O (2014). Energy Supply and Climate Change in Nigeria. *Journal of Environment and Earth Science*, 4(10), 47-61

- Joshua, S. & **Akinyemi, O.** (2018). Exploring the Political Economy of Fuel Subsidy in Nigeria. In: Asuelime, L. and Okem, A. E. (Eds.). *The Political Economy of Energy in Sub-Saharan Africa* (pp. 152-163). London and New York: Routledge Taylor and Francis Group.

Trainings/Workshops Attended

- Data Analysis Using SPSS 23 Workshop organised by Digital Bridge Institute and the Nigerian Communications Commission (NCC) as part of the Advance Digital Appreciation Programme for Tertiary Institutions (ADAPTI), held at Covenant University, Ota, Ogun State, Nigeria, March 12-16, 2018.
- Environment and Social Impact Assessment in Nigeria Workshop organised by Community Conservation and Development Initiatives, held at Westwood Hotel, Ikoyi, Lagos, Nigeria, November 1st, 2016.
- Climate Risk Insurance Workshop organised by Community Conservation and Development Initiatives, held at Westwood Hotel, Ikoyi, Lagos, Nigeria, September 29th, 2016.
- Econometrics Workshop for Researchers and Academics organised by Accounting and Finance Associates, Obafemi Awolowo University, Ile-Ife, Nigeria, held September 14th-17th, 2016.
- Basic Computable General Equilibrium Modelling Training workshop organised by Center for Petroleum, Energy Economics and Law (CPEEL) and Equilibria Consult, University of Ibadan, Ibadan, held March 16th-20th, 2015.

Conferences Attended

- 7th Association of Swedish Development Economists (ASWEDE) Annual Conference on Development Economics held April 4-5, 2019 at Radisson Blu Hotel, Uppsala, Sweden.
- 2018 African Economic Conference titled “Regional and Continental Integration for Africa’s Development” held December 3-5, 2018 at Kigali Marriot Hotel, Kigali, Rwanda. **Presented paper titled** “Regional Integration and Energy Sustainability in Africa: Exploring the Challenges and Prospects for ECOWAS”.
- 2018 ECOWAS Sustainable Energy Forum titled “Achieving Sustainable Energy Targets in the ECOWAS” held November 13-15, 2018 at the Radisson Blu Hotel, Dakar, Senegal. **Participant and Poster Presenter of paper titled “Determinants of Household Energy Expenditures: A Gender Analysis from Nigeria”**
- 2nd Covenant University International Conference on Entrepreneurship (CU-ICE) titled “Cultivating Entrepreneurial Capacities in the Knowledge Economy” held June 13-15, 2018 at Covenant University, Ota, Nigeria. **Member, Local Conference Organising Committee**
- German Development Institute, Green Growth Knowledge Platform and GIZ Conference titled “Green Transformation and Competitive Advantage: Evidence from Developing Countries” held June 18-19, 2018 at German Development Institute, Bonn, Germany. **Presented paper titled** “Green Growth Strategy and Trade Performance in Sub-Saharan Africa”
- 58th Nigerian Economic Society (NES) Annual Conference titled “Imperatives of Industrialisation in Nigeria” held September 26-28, 2017 at Nicon Luxury Hotel, Abuja, Nigeria. **Presented was titled** “Industrialisation and Fuel Subsidy Removal in Nigeria: The Manufacturing Industry Experience”.
- 1st Covenant University International Conference on Entrepreneurship (CU-ICE) titled “Entrepreneurship and the Knowledge Economy” held June 12-14, 2017 at Covenant University, Ota, Nigeria. **Member, Conference Organising Committee**
- 2016 African Economic Conference titled “Feeding Africa: Towards Agro-Allied Industrialization for Inclusive Growth” held December 5-7, 2016 at Transcorp Hilton Hotel, Abuja, Nigeria. **Presented Paper titled** “Agricultural Sector Performance and Nigeria’s Fuel Subsidy Removal: A CGE Simulation”.
- 19th Annual Conference on Global Economic Analysis titled “Analytical Foundations for Cooperation in a Multipolar World” held June 15-17, 2016 at The World Bank, Washington DC, USA. **Presented Paper titled** “Energy Pricing Policy and Environmental Quality in Nigeria: A CGE Approach”.
- 1st Nigeria Energy Forum titled “Sustainable Energy for all Nigerians: Grand Challenges, Big Opportunities” held April 12-13, 2016 at Oriental Hotel, Lagos, Nigeria. **Paper Presented was titled** “Household Energy Expenditure and Income Groups: A Gender Analysis from Nigeria”.
- 10th TRAPCA Annual Trade Conference titled “Energy as a Determinant of Competitiveness” held November 19-20, 2015 at ESAMI, Arusha, Tanzania. **Paper Presented was titled** “Energy Security, Trade and the Transition to Green Economy in Africa”.
- 2nd Covenant University-International Conference on African Development Issues (CU-ICADI) titled “Biotechnology, ICT, Materials and Renewable Energy: Potential Catalyst for African Development held May 11-13, 2015 at African Leadership Development Centre, Covenant University, Ota. **Paper Presented was titled** “Energy Security and the Green Growth Agenda in Africa: Synergies and Trade-offs”.

- 15th Global Development Network (GDN) Conference titled “Structural Transformation in Africa and Beyond” held June 18-20th, 2014 at the Accra International Conference Centre, Accra, Ghana. **Participant and Poster Exhibitor of paper titled** “An Appraisal of the Environmental Implications of Fuel Subsidy in Nigeria”.
- 1st Covenant University International Conference on African Development Issues titled “Rising Opportunity for Investor’s in Africa and the Prospect of an Economic Miracle” held May 5-6th, 2014 at the African Leadership Development Centre, Covenant University, Canaanland, Ota.
- 7th Annual NAEE/IAEE (Nigerian Association for Energy Economics/International Association for Energy Economics) International Conference on “Energy Access for Economic Development: Policy, Institutional Frameworks and Strategic Options” at Sheraton Hotel, Abuja. 16th – 18th, 2014. **Paper Presented:** *Akinyemi, O., Ogundipe, A. and Alege, P. (2014), “Energy Supply and Climate Change in Nigeria”.*
- National Model United Nations (NMUN) Conference, Sheraton New York and United Nations Building New York, USA, 17th – 21st March, 2013. German delegate on the Model United Nations (UN) Security Council Committee for Peace and Security.
- Nigerian Economic Society 52nd Annual Conference on “Planning and the Transformation of the Nigerian Economy” at Covenant University, Ota. 13th – 15th September, 2011.

Awards and Honours

- United Nations Economic Commission for Africa (UNECA) Fellowship Award, Addis Ababa, Ethiopia, August 2019.
- Africa Guest Researcher Scholarship Award, Nordic Africa Institute (Nordiska Afrikainstitutet), Uppsala, Sweden, March 2019; for research on Energy Sustainability, Green Growth and the Sustainable Development Agenda in Sub-Saharan Africa.
- Research grant of US\$24,000 from Partnership for Economic Policy (PEP) for capacity development and to conduct research on “Assessing the Economic and Social Impacts of the Nigerian Rural Electrification Fund (REF-1) Programme using a Gender Computable General Equilibrium Model” (Team leader with 4 others), 2019.
- Research grant of \$30,000 from Uongozi Institute (Institute of African Leadership for Sustainable Development) to conduct research on “Green Industrialization in Nigeria and Ghana: Extents and Impact from a Quasi-Experiment” (with 5 others), 2017
- Research grant from ECOWAS Centre for Renewable Energy and Energy Efficiency to conduct research on “Household Energy Expenditures and Income Groups: A Gender Analysis from Nigeria” (with Efobi Uchenna), 2016
- Travel grant and stipend from the United Nations Economic Commission for Africa (UNECA) to attend the 2018 African Economic Conference, Kigali, Rwanda 3-5 December, 2018.
- Travel grant and stipend from the Economic Community of West African States (ECOWAS) to attend the 2nd ECOWAS Sustainable Energy Forum, Dakar, Senegal 13-15 November, 2018.
- Travel grant and stipend from the German Development Institute to attend the German Development Institute, Green Growth Knowledge Platform and GIZ Conference, Bonn, Germany June 18-19, 2018.
- Travel grant and stipend from the Africa Development Bank to attend the 2016 African Economic Conference, Abuja, Nigeria 5-7 December, 2016.
- Travel grant and stipend from the Global Development Network to attend the 15th Annual Global Development Conference, Accra, Ghana 18-20 June, 2014.
- Travel grant and stipend from the Trade Policy Training Center in Africa to attend the 10th Annual TRAPCA Conference, Arusha, Tanzania 19-20 November, 2015.
- Research grant for Ph.D thesis from Covenant University Centre for Research and Development, 2015.
- Best graduating student (Masters Class), Department of Economics, Covenant University, Ota. 2012

Conferences Proceedings

- **Akinyemi, Opeyemi.**, Alege Philip, O., Osabuohein Evans and Ogundipe, Adeyemi. (2015). Energy Security and the Green Growth Agenda in Africa: Exploring Trade-offs and Synergies. In: Daramola (ed.) Covenant University-International Conference on African Development Issues (CU-ICADI) on “Biotechnology, ICT, Materials and Renewable Energy: Potential Catalyst for African Development” May 11-13, 2015. Ota, Nigeria.
- Ogundipe, Adeyemi. **Akinyemi, Opeyemi.**, and Ogundipe, Oluwatomisin. (2014). Foreign Land Deals in Africa: Implications for Agricultural Trade. In: Khalid S. Soliman (ed.) International Business Information Management Association (IBIMA) on “Vision 2020: Sustainable Growth, Economic Development and Global Competitiveness” May 13-14, 2014. Valencia, Spain. pp. 2734-2757. ISBN: 978-0-9860419-2-1.

Teaching Experience (Courses Taught)

- ECN 418&428: Petroleum Economics
- ECN 313&323: Theories of Growth and Development
- ECN 314&324: History of Economic Thought
- ECN 317: Project Analysis and Evaluation
- ECN 318&328: Introductory Econometrics
- ECN 322: Intermediate Macroeconomics II
- ECN 311: Intermediate Microeconomics I
- ECN 213: Structure of the Nigerian Economy
- ECN 215&225: Mathematics for Economists
- ECN 121: Introduction to Macroeconomics
- ECN 212: Principles of Economics (Macro) II
- ECN 213: History and Structure of the Nigerian Economy
- CBS 111/211: Mathematics for Business and Social Sciences I&II

Reviewer for Referred Journal

- Environmental Science and Pollution Research (2017)
- Sage Open (2019)
- African Journal of Economic and Management Studies (2019)

Membership of Professional Association

- Member, Nigeria Institute of Management (NIM)
- Member, Nigerian Association for Energy Economics (NAEE)
- Member, International Association for Energy Economics (IAEE)
- Member & PRO, Nigerian Association of Macroeconomic Modellers (NAMM)

Hobbies

Reading and Photography

Referees

- Professor Philip. O. Alege
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