

CURRICULUM VITAE

WISDOM AKPALU

Positions

- **Associate Professor of Economics**
- **Coordinator:** BSc Applied Economics Program at State University of New York (SUNY)-Farmingdale, USA
- **Director:** Center for Environmental Economics Research & Consultancy (CEERAC), Ghana (www.ceerac.org)

Research Interest

Development economics, Modeling microeconomic behavior, empirical econometric analysis, optimal extraction of natural resources, and economics of climate change.

Research Award

- 2012. CEEPA Research Grant for Senior Researchers
- 2009. CEEPA Research Grant
- 2008. Consulted for IFPRI
- 2007. CEEPA Research Grant
- 2006. Best Student Paper Award (International Institute of Fisheries Economics and Trade (IIFET))
- 2000. Research Grant from International Labor Organization (ILO)

Experience with International Organization

- Consulting for African Development Bank (AfDB) as Coordinator of the African Development Report (ADR) 2012.

- A Research Fellow at CEEPA (2006-2007) and recipient of research grant for researchers and senior researchers.
- Consulted for IFPRI on a project on climate change and water in Africa.
- Executive Member of International Institute of Fisheries Economics and Trade (IIFET).
- Consulted for International Labor Organization (ILO) through the Bank of Ghana on the impact of financial sector liberalization on the poor.
- A Research Fellow with the Environment for Development (EfD) Initiative, Sweden.

Education

Degrees and Programs

- **PhD in Economics**, Göteborg University, Sweden, (2006)
- **MSc in Economics (Economic Policy Analysis)**, Addis Ababa University, Ethiopia (1997)
- **B. A. (Hons) in Economics**, University of Cape Coast, Ghana (1995)
- **Diploma in Education**, University of Cape Coast, Ghana (1995)

Professional Experience

- Associate Professor of Economics, SUNY-Farmingdale, USA (September, 2012-date)
- Assistant Professor of Economics, SUNY-Farmingdale, USA (Sept, 2008-August, 2012)
- Research Fellow, CEEPA, University of Pretoria, RSA (2006-2007)
- Lecturer (tenured), University of Cape Coast, Ghana. (1997-2001)

Publications

Journal Articles

1. Socioeconomics of crime and discretionary punishment: the Case of Ghana (with Mohammed, A.), *International Journal of Social Economics* (forthcoming, 2012)
2. The rate of time preference, seat location choice and student performance in the classroom (with Richard Vogel and Xu Zhang) *New York Economic Review* (forthcoming, 2012)
3. Bioeconomic model of spatial fishery management conflicts in exclusive economic zones of developing countries (with Kofi Vondolia), *Environment and Development Economics*, (2012) doi: <http://dx.doi.org/10.1017/S1355770X11000416>
4. Access to microfinance and intra household business decision making: Implication for efficiency of female owned enterprises in Ghana (with Alnaa, S. E., and Aglobitse, P.), *Journal of Socio-Economics* 41 (5) (2012) 513-518.
5. The impact of uncertainty on supply of crime, *Southwestern Economic Review*, 39 (2012) 65-72.
6. Ostracism and Common Pool Resource Management in a Developing Country: Young Fishers in the Laboratory (with Peter Martinsson), *Journal of African Economies*, (2011) doi:10.1093/jae/ejr034.
7. Demand for cooking fuels in a developing country: To what extent do taste and Preferences matter? (with Peter Aglobitse and Isaac Dasmani), *Energy Policy* (39 (2011) 6525–6531.
8. Species diversity, fishing induced change in carrying capacity and sustainable fisheries management (With Worku T. Bitew), *Ecological Economics*, 70 (2011) 1336–1343.
9. Climate Variability and Maize Yield in the Limpopo Region of South Africa:

- Results from GME and MELE Methods (with Rashid M. Hassan and Claudia Ringler), *Climate and Development*, 3 (2011) 107–115.
10. Fisher skills and compliance with effort-limiting fishing regulations in a developing country, *International Journal of Social Economics*, 38(8), 2011 666-675.
 11. Determinants of noncompliance with light attraction regulation among inshore fishers in Ghana, *Journal of Socio-Economics*, 40 (2011) 172–177.
 12. Performance in the economics classroom: Student characteristics and choices (with Richard Vogel), *Journal of Academy of Economics and Finance*, 1(2010), 61-67.
 13. A dynamic model of regulatory compliance in fisheries, *Journal of Agricultural and Resource Economics*, 35(1):34–50, 2010.
 14. Global Carbon Markets: Opportunities for SSA in the Agriculture and Forestry Sector, (with Elizabeth Bryan, Mahmud Yesuf, and Claudia Ringler), *Climate and Development*, 2 (2010) 309–331.
 15. Internalized Contribution Norms and Learning in a Public Goods Experiment in Ghana (with Olof Johansson-Stenman), *Public Finance and Management*, 10(2), 2010.
 16. Economics of Biodiversity and Sustainable Fisheries Management, *Ecological Economics* 68:2729–2733, 2009.
 17. Can the Restrictive Harvest Policy Conserve the Mopane Worm in Southern Africa? A Bio-Economic Modeling Approach, (with E. Muchapondwa and P. Zikhali), *Environment and Development Economics* 14(5):587-600, 2009.
 18. Enforcement of exogenous environmental regulation, social disapproval and bribery (with H. Eggert, G. K. Vondolia), *Journal of Socio-Economics* 38(6): 940-945, 2009.

19. Ending the carbon market drought (*with* Elizabeth Bryan, Mahmud Yesuf, and Claudia Ringler) in *Trading Carbon* 03(3): 36-39, 2009.
20. Fishing Regulation, Individual Discount Rate and Fisherman behavior in a Developing Country Fishery, *Environment and Development Economics* 13:591-606, 2008.
21. Natural Resource Use Conflict: Gold Mining in Tropical Rainforest in Ghana (with P. J. Parks), *Environment and Development Economics* 12: 55-72, 2007.
22. Modeling Private Investment in Ghana: An Empirical Time Series Econometric Investigation (1970-1994), *Oguaa Journal of Social Science (JOSS)* 4: 99-114, 2003.

Book Chapters

23. Political Petrol Pricing: The Rise and Fall of Ghana's Fuel Subsidies (with Elizabeth Robinson), in *Fuel Taxes and the Poor: The Distributional Effects of Gasoline Taxation and Their Implications for Climate Policy* (Ed., Sterner, Thomas, 2011; RFF Press, ISBN-13: 978-1617260926).
24. *Options for Action*, in IAASTD for Sub-Saharan Africa, International Assessment for Agricultural Science and Technology for Development (IAASTD), (a contributing author), 2009.

Peered Review Working/Discussion Papers

25. Bioeconomic model of spatial fishery management conflicts in exclusive economic zones of developing countries (with Kofi Vondolia), *Scandinavian Working Papers in Economics (S-WoPEc)* #490.

26. Bioeconomics of Conservation Agriculture and Soil Carbon Sequestration in Developing Countries (with Anders Ekbom), *Scandinavian Working Papers in Economics (S-WoPEc) #431*.
27. Ostracism and Common Pool Resource Management in a Developing Country: Young Fishers in the Laboratory (with Peter Martinsson), *Economic Research Southern Africa (ERSA) Working Paper # 130, 2009*.
28. A Dynamic Model of Mesh Size Regulatory Compliance in Fisheries, *ERSA Working Paper 123, 2009*.
29. Determinants of Non-Compliance with Light Attraction Regulation among Inshore Fishermen in Ghana, *CEEPA Discussion Paper # 40, 2008*.
30. Global Carbon Markets: Are there Opportunities for Sub-Saharan Africa? (with Elizabeth Bryan, Claudia Ringler, Mahmud Yesuf), *IFPRI Discussion Paper # 00832, 2008*.
31. On the Economics of Rational Self-Medication, *FEEM Nota di Lavoro # 5, 2008*.
32. Climate Variability and Maize Yield in South Africa: Results from GME and MELE Methods (with Rashid M. Hassan and Claudia Ringler), *IFPRI Discussion Paper # 00843, 2008*.
33. Impact of Micro-Finance on the Efficiency of Micro-Enterprises in Cape Coast (with V. K. Vijay), *IFLIP Research Paper # 01-5, 2002*.

Attendance of Conferences, Workshops, etc

- Paper Presenter/Discussant. Paper entitled “Illegal fishing and catch potentials among small scale fishers: Application of endogenous switching regression model” The International Institute of Fisheries Economics and Trade (IIFET) Dar es Salam, Tanzania, 2012.
- Paper Presenter/Discussant. Paper entitled “Fisheries management under common pool resource and territorial use right regimes in a developing country”, CEEPA, South Africa, 2012.
- Visiting Scholar. Project entitled “Bioeconomic model of spatial fishery management conflicts in exclusive economic zones of developing countries”, Gothenburg University Sweden, December, 2010.
- Paper Presenter/Discussant. Paper entitled “Fisher skills and compliance with effort-limiting fishing regulations in a developing country”, CEEPA, South Africa, 2010.
- Paper Presenter/Discussant. Paper entitled “Determinants of noncompliance with light attraction regulation among inshore fishers in Ghana”, EfD Workshop, Ethiopia, 2010.
- Paper Presenter/Section Chair. Paper entitled “Bio-economics of conservation agriculture and soil carbon sequestration“, EAERE, Holland, 2009.
- Paper Presenter. Paper entitled “Economics of biodiversity and sustainable fisheries management”, NAAFE Forum, Rhode Island, 2009
- Paper Presenter. Paper entitled “Ostracism and Common Pool Resource Management in a Developing Country: Young Fishers in the Laboratory” AEF, Florida, 2009.
- Paper Presenter. Paper entitled “enforcement of exogenous environmental regulation, social disapproval and bribery” HEP Dept Seminar Farmingdale, 2009.

- Paper Presenter/Discussant: “Climate Variability and Maize Yield in South Africa: Results from GME and MELE Methods IFPRI/EDRI Ethiopia, 2008.
- Paper Presenter/Session Chair. Paper entitled “Ostracism and Common Pool Resource Management: Young Fishers in the Laboratory” EAERE 2008 Congress Sweden, 2008.
- Paper Presenter and Session Chair. Paper entitled “Climate Variability and Maize Yield in South Africa: Results from GME and MELE Methods” IFPRI Workshop on Climate Change Nazareth, Ethiopia, 2008.
- Paper Presenter. Paper entitled “On the Economics of Rational Self-Medication” University of Cape Town (UCT), Cape Town, South Africa, 2007.
- Paper Presenter. Paper entitled “On the Theory of Willingness to Pay for non-Marketed Goods with Individual Uncertainty” Environment for Development (EfD) Initiative Cape Town, South Africa, 2007
- Teaching Assistant to Professor Sir Partha Dasgupta: Advanced Game Theory CEEPA Biannual Research Workshop Pretoria, South Africa, 2007
- Assistant to Professor Karl-Goran Mäler: Advanced Welfare Economics, at CEEPA Biannual Research and Teaching Workshop, Mauritius, 2006.
- Paper Presenter. Paper entitled “A Dynamic Model of Regulatory Compliance in Tropical Fisheries”, 8th Annual BIOECON Conference on the Economic Analysis of Ecology and Biodiversity, Kings College Cambridge, UK 2006.
- Presented an Award Winning Paper. Paper entitled “Individual Discount Rates and Regulatory Compliance in a Developing Country Fishery” The International Institute of Fisheries Economics and Trade (IIFET) Portsmouth, UK, 2006.

- Paper Presenter. Paper entitled “Natural Resource Use Conflict: Gold Mining in Tropical Rainforest in Ghana”, Third World Congress of Environmental and Resource Economists, Kyoto, Japan, 2006.
- Paper Presenter. “A Dynamic Model of Regulatory Compliance in Tropical Fisheries”, World Conference on Natural Resource Modeling Bergen, Norway, 2006.
- Paper Presenter. Paper entitled “Individual Discount Rates and Regulatory Compliance in a Developing Country Fishery”, Conference on Economics of Poverty, Environment and Natural Resource Use, Wageningen, The Netherlands, 2006.
- Paper Presenter. Paper entitled “Individual Discount Rates and Regulatory Compliance in a Developing Country Fishery”, Conference on Reducing Poverty and Inequality: How can Africa be Included, St Catherine's College, Oxford 2006.
- Paper Presenter. Paper entitled “Natural Resource Use Conflict: Gold Mining in Tropical Rainforest in Ghana”, FAME Workshop on New Developments in Rights-based Fisheries Management: Community Fishing Rights, University of Southern Denmark, Esbjerg, Denmark, 2005.
- Paper Presenter. Paper entitled “Natural Resource Use Conflict: Gold Mining in Tropical Rainforest in Ghana” Workshop on “Sustainable Natural Resource Management” , Zhejiang Forest College, Hangzhou, China, 2005.
- Participant. Workshop on “Climate Changes with Focus on Natural Resources: The Biological Dimensions and the Economic Consequences Copenhagen, Denmark, 2005
- Paper Presenter. Paper entitled “Compliance with Mesh Size Regulations in Artisanal Marine Fishery in Ghana”, Beijer Research Seminar, Durban, South Africa, 2002 .

- Participant. Workshop on “Theoretical and Practical Issues of Bio-Economic Modeling”, Roskilde, Denmark, 2002
- Presenter : “Compliance with Mesh Size Regulations in Artisanal Marine Fishery in Ghana” Beijer Institute of Ecological Economics Research Workshop Luxor, Egypt, 2000.
- Paper Presenter. Paper entitled “Willingness to Pay for Fish Conservation and to Reduce Health Risks Associated with the Pollution of Fosu Lagoon”, Beijer Research Seminar Agadir, Morocco, 2000.
- Participant. African Economic Research Consortium Biannual Research Workshop, Accra, Ghana, 1999.
- Participant. Beijer International Institute of Ecological Economics Teaching workshop, Elmina, Ghana, 1998
- Paper Presenter. Paper entitled “The Role of the Ghanaian University Student in the Achievement of the Objective of Vision 2020”, Symposium at University of Cape Coast, Cape Coast, Ghana, 1998.

Active Reviewer for the following Journals

1. Journal of Environmental Economics and Management (JEEM)
2. Ecological Economics (ECLEC)
3. Applied Economics (APE)
4. Journal of Economics (JEZN)
5. Environment and Development Economics (EDE)
6. Resource and Energy Economics (REE)
7. Australian Journal of Agriculture and Resource Economics (AJARE)
8. AMBIO-A Journal of the Human Environment
9. International Journal of Ecological Economics and Statistics (IJEES)

10. South African Journal of Economics and Management Science (SAJEMS)
11. Resources Policy;
12. African Journal of Agricultural and Resource Economics (AFJARE)
13. Marine Resource Economics (MRE)
14. Sustainability;
15. Energy Policy;
16. Conservation Biology,
17. Economic Modeling.
18. International Journal of Social Economics

Membership of Associations

- Member of Natural Resource Modeling Association (NRM)
- Member of North American Association of Fisheries Economists (NAAFE)
- Research Associate, Environment for Development (Efd) Initiative, Sweden
- Member of Association of Economics and Finance (AEF)
- Member of European Association of Environment and Resource Economics (EAERE)
- Member of the International Institute of Fisheries Economics and Trade (IIFET) (Elected **executive member** for 2010/2011)

University Service

- Member, Middle States Planning Committee (2009-)
- Member, International Education Committee (2009-)
- Member, Curriculum committee (2009-)
- Member, Economics search committee (2009; 2010)

Dissertations Supervised or Under Supervision

PhD Level

- Climate Variability and Food Crop Production in Ghana.
- Investigating the Health Impacts of Gold Mining Industry in Ghana

Masters Level

- The Determinants of Sustainable Fish Harvest in Lake Volta in Ghana
- Macroeconomic Determinants of Foreign Direct Investment in Ghana
- Dynamic Inter-Links between Output and Money Supply: An Econometric Investigation.

Bachelors Level (over a dozen)

Selected dissertations examined

- **PhD Dissertation**, 2012, “Provision of Public Goods and Health Outcome during Political Transition in Nigeria” (University of Cape Town).
- **PhD Dissertation**, 2011, “Deterrence analysis of compliance with fishery regulations among artisanal fishers in Sudan” (University of Pretoria).
- **MSc Dissertation**, 2009, “A socio-economic assessment of the impacts of invasive alien plant species on forest production: the case of *S spectabilis* in Budongo Forest Reserve, Uganda”, LEVLO, (University of Pretoria).
- **Several BA Dissertations**

Courses Taught

Graduate Level

- CAEF 511: Environment and Natural Resource Management, University of

Pretoria, South Africa.

- 507 Econometrics, University of Cape Coast, Ghana.
- LEK703 Research Methods, University of Pretoria, South Africa.
- CEERAC Graduate level Quantitative Research Training Programs, Ghana.
Participants are usually (Lecturers, PhD candidates and MSc students).

Undergraduate Level

- ECO 157: Principles of Microeconomics
- ECO 156: Principles of Macroeconomics
- NEGB20 Environment and Natural Resource Economics
- ECO 203/204 Mathematics for Economists
- ECO 260: Intermediate Microeconomics
- ECO 270: Intermediate Macroeconomics
- ECO 250: Quantitative Analysis for Economics
- ECO320/321 Mathematical Models of Resource Allocation
- ECO 380: Econometrics
- ECO 420: Environmental Economics and Policy
- ECO 490W: Research Methods in Economics
- ECO 405/406 Econometrics
- ECO 480: Forecasting

Knowledge of languages

- English (excellent)
- French (very basic)

