

# Babatunde O Abidoye (PhD)

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University Address:

Yale School of Forestry and Environmental Studies

195 Prospect Street

New Haven, CT 06511

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## EDUCATION

### **Ph.D. in Economics with minor in Statistics, Iowa State University**

**Spring 2010**

Dissertation: Bayesian Inference in Modeling Recreation Demand

PhD Committee: Prof. Justin Tobias (Co-Supervisor), Joseph Herriges (Co-Supervisor), Catherine Kling, Brent Kreider and Michael Larsen (Statistics)

Fields: Applied Economics and Econometrics, Environmental and Resource Economics and Agricultural Economics

### **B.Sc. (Honors) Economics, University of Ilorin**

**March 1999**

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## ACADEMIC EXPERIENCE

### **Visiting Fellow, Yale School of Forestry and Environmental Studies. Yale University**

**Jan 2017- Present**

### **Senior Lecturer, Centre for Environmental Economics & Policy in Africa- CEEPA, University of Pretoria, South Africa**

**Jan 2012 – March 2017**

### **Faculty Associate, African Economic Research Consortium (AERC)**

**2012-2016**

### **Researcher / Graduate Research Assistant, Center for Agriculture and Rural Development (CARD) / Department of Economics, Iowa State University. USA**

**2003-2010**

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## OTHER EXPERIENCE

### **Economist, Bureau for Policy and Programme Support. United Nations Development Program (UNDP).**

**2012 – Present**

### **Consultant, World Bank. Poverty Global Practice Group (Poverty Reduction and Economic Management Unit) and Trade & Competitiveness Group**

**2014 – July. 2016**

### **Lead Economist, Economic Analytics Group / Economic Policy Analysis.**

**2010-2011**

### **FSB International Bank Plc, Lagos Nigeria. Executive Trainee/Supervisor**

**2000-2003**

### **Pano Consulting, Lagos Nigeria. Consultant**

**1999-2000**

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## SELECTED AWARDS

- Member. NRF Specialist Committee Economics, Management, Administration and Accounting for rating applications 2016-2020.
- **Y1 National Research Foundation(NRF)** rating for the period 2016-2021
- ‘Adoption of genetically modified crops in South Africa: Effects on wholesale maize prices’, published in Agrekon included in an online article collection featuring the **most downloaded** articles published in Routledge Social Sciences journals in 2014.
- European Association of Environmental and Resource Economist (EAERE) for excellent publication in the Journal of Environmental and Resource Economics (ERE) – only 4 awarded in 2012.
- Professional Advancement Grant, Iowa State University. 2005-2010
- Best Final Year Student in Monetary and Fiscal Policies in Economics - The Trade Bank Plc (Nigeria) Prize in Monetary & Fiscal Policies in Economics. 1999
- Certificate of Merit for Outstanding Recitation Instructor. 1999

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## PUBLICATIONS

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## Recent Research Papers

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- “Adoption and crop productivity impacts of sustainable agricultural and land management practices in Zambia” with (Alefa Banda). 2016 – Revise and Resubmit - Journal of Agricultural Economics
- “Non-tariff measures and regional trade: new evidence from Southern African Development Community.” With Mmatlou Kalaba and Johanna Kirsten – Submitted to American Journal of Agricultural Economics.
- Special Issue in Climate Change Economics on “Understanding Climate change impact and adaptation in Asia”
  - Ricardian Analysis of the Impacts of Climate Change on Southeast Asian Agriculture: Abidoye and Mendelsohn
  - Ricardian Analysis of the Impact of Climate Change on Mongolian Livestock: Abidoye and Batsuuri
  - An Analysis of Climate Adaptation by Mongolian Herders: Batsuuri and Abidoye
- “Income and child labour: evidence from agricultural households in Ethiopia” with Abidemi Adisa. 2016
- “Estimating the Impact of Climate Change on Household Welfare in Swaziland” with Yvonne Sihle Mashaba. 2016
- “Rice Prices in Indonesia” with Massimiliano Calì. 2016.
- “Estimating the Cost of Electricity Outage in Nigeria using Elicited Probability model”. 2015. Report submitted to Centre for Environmental Economics & Policy in Africa- CEEPA.
- “Public disclosure for pollution abatement: African decision-makers in a PROPER public good experiment”. 2015. UNU-WIDER working paper Volume 2015-060. [http://www.wider.unu.edu/publications/working-papers/2015/en\\_GB/wp2015-060/](http://www.wider.unu.edu/publications/working-papers/2015/en_GB/wp2015-060/)
- “Trade, Poverty and Peace in Mauritania” with (Massimiliano Calì). 2015. Submitted as a chapter for the diagnostic trade integration study (DTIS) for Mauritania.
- “Trade and poverty in Myanmar” with (Massimiliano Calì, and Monica Wihardja). 2015. Submitted as a chapter for the diagnostic trade integration study (DTIS) for Myanmar.
- “Neither perfect nor equal: Evidence on the dynamics of price transmission from Nigeria” with (Massimiliano Calì and Gonzalo Varela).
  - Report submitted as part of the World Bank Africa project on Poverty and Trade in Nigeria.
- “An investigation into food-away-from-home consumption in South Africa”. With (Matthew Blick and Johann Kirsten). 2015. Revise and Resubmit, Development Southern Africa
- “Income shocks and conflict: Evidence from Nigeria” (with M. Calì). Revise and Resubmit – Journal of Development Economics.
  - Also published as World Bank Policy Research Working Paper No. 7213
- “What drives conflict in Haiti? An empirical analysis in the 2000s” (with M. Calì and Evans Jadotte).
  - Haiti: towards a new narrative systematic country diagnostic. May 2015. World Bank Group
- “Assessing the General Equilibrium Effect of Social Grants in South Africa: An Analytical Framework” (with Chitiga M., Fofana I., Mabugu R., Mbanda., V & Ngandu., S). Under Review.
  - A Report Prepared for the Financial and Fiscal Commission by The Human Sciences Research Council

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## Articles in Refereed Journals

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1. Akpalu, W., B. Abidoye, E. Muchapondwa & W. Simbanegavi. ‘Public Disclosure for Pollution Abatement: African Decision-Makers in A Proper Public Good Experiment’. [Climate and Development. \(forthcoming\)](#)
    - Also published as UNU-WIDER working paper Volume 2015-060. [http://www.wider.unu.edu/publications/working-papers/2015/en\\_GB/wp2015-060/](http://www.wider.unu.edu/publications/working-papers/2015/en_GB/wp2015-060/)
  2. Adebola, S.O, Abidoye, B.O, Ologe, F.E, Adebola, O.E and B.A. Oyejola. (2016) Health-Related Quality of Life and Its Contributory Factors in Allergic Rhinitis Patients in Nigeria. *Auris Nasus Larynx* 2016 Apr 20;43(2):171-5. Epub 2015 Aug 20.
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3. "Temperature and Economic Growth in Africa: An Econometric Analysis" (with A. Odusola). 2015. *Journal of African Economies*.
  4. Mandatory Costs by Firm Size Thresholds: Firm Location, Growth and Death in Sri Lanka (with Peter Orazem and Milan Vodopivec). 2014. *IZA Journal of Labor & Development*.
  5. "The Transmission of World Maize Price to South African Maize Market: A Threshold Cointegration Approach" (with Marlene Labuschagne). 2014, *Agricultural Economics*.
  6. "Adoption of Genetically Modified Crops in South Africa: Effects on wholesale maize prices" (with E. Mabaya). 2014, Agrekon.
  7. "A Quantitative Assessment of the Effect of Financial Development on Poverty in African Countries." (with B. Fowowe) *The Manchester School*, 2013.
  8. "A Unified Approach to Modeling Unobserved and Observed Site Characteristics in Random Utility Maximization (RUM) Model" (with J. Herriges and J. Tobias). *American Journal of Agricultural Economics*, 2012
  9. "Model Uncertainty in Characterizing Recreation Demand." (with J. Herriges) *Environmental and Resource Economics*, 2012.
  10. "U.S. Consumers' Valuation of Quality Attributes in Beef Products" (with H. Bulut, J. D. Lawrence and B. Mennecke) *Journal of Agricultural and Applied Economics*, 2011.
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## OTHER PUBLICATIONS

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- [1] GWP & CEEPA (2016) Understanding the demand for and efficient use of water in the Limpopo River Basin. USAID Southern Africa "Resilience in the Limpopo River Basin" (RESILIM) Program. Global Water Partnership, South Africa.
  - [2] "Forest Ecosystems in the Transition to a Green Economy and the Role of REDD+ in the United Republic of Tanzania" (2015) Report submitted to the United Nations Environment Programme (UNEP)
  - [3] "Macroeconomic effects of the Ebola Virus Disease Outbreak in Guinea, Liberia, Sierra Leone" (2015) Technical Report submitted to the United Nations Development Programme.
  - [4] "Bureau for Food and Agricultural Policy (BFAP) Baseline: Agricultural Outlook (2012 and 2013)". South Africa
  - [5] "Millennium Development Goal Report. Niger State." 2012
  - [6] "Firing Cost and Firm Size: A Study of Sri Lanka's Severance Pay System" (with Peter Orazem and Milan Vodopivec). Social Protection Discussion Paper Series, 2009, No. 0916. Social Protection Unit: Labor Market: World Bank.
  - [7] "Comprehensive Agricultural Support Programme (CASP) evaluation in South Africa." A report prepared for Department of Agriculture, Forestry and Fisheries (DAFF) & The Department of Performance Monitoring and Evaluation (DPME)
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## FIELD WORK

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I have provided technical support to different projects either at the inception of the project or during implementation. The scope of my support includes designing impact evaluation framework, appraising projects using economic tools and designing survey instruments. Some of these projects the past three years include:

- "Promoting Climate Resilient Systems for Improved Food and Nutrition Security Among the Most Vulnerable Communities in Lao PDR". UNDP
  - "Strengthening Multi-Sectoral Adaptation Responses Through Climate-related information (SMART Climate) in Papua New Guinea". UNDP. 2016/17
  - UNDP National Adaptation Program technical paper on the use of Impact evaluation in climate change adaptation. UNDP/FAO. Supporting eighth countries in Africa, Asia and Latin America.
  - "Addressing Climate Change Risks on Water Resources and Food Security in the Dry Zone of Myanmar". 2016/2017
  - Evaluating the impact of early warning systems on Agriculture in 11 countries in Africa. 2014 to present. UNDP
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- “Strengthening climate resilience of agricultural livelihoods in Agro-Ecological Regions I and II in Zambia”. UNDP. 2016/17
  - Understanding the demand for and efficient use of water in the Limpopo river basin. 2016. Global Water Partnership and USAID Southern Africa
  - Strengthen the resilience of smallholder farmers in the Dry Zone of Sri Lanka to climate variability and extreme events through an integrated approach to water management. 2016
    - Project Approved by the Green Climate Fund
  - Improve the resilience of vulnerable coastal communities to climate change related impacts in Vietnam. 2015/16
    - Project Approved by the Green Climate Fund
  - Build Resilient Communities and Ecosystems through Restoration of Wetlands and Associated Catchments in Uganda. 2015
  - Water availability projects for Swaziland Water Services Corporation under the project Swaziland Water Supply and Sanitation Tariff and Affordability Study. 2015.
  - “Saving Lives and Protecting Agriculture based Livelihoods in Malawi: Scaling up the use of Modernized Climate information and Early Warning Systems” for the Government of Malawi submitted to the Green Climate Fund. 2015
    - Project Approved by the Green Climate Fund
  - “Enhancing Women and Girls Adaptive Capacity to Climate Change through investments in water and sanitation” for the Government of Bangladesh. 2015
  - Ecosystem Based Adaptation in Uganda, Nepal and Peru. 2014/2015
  - Prepared manuals and training for different countries in Africa and Asia on project appraisal procedures – Mauritius, Uganda, Gambia, Benin, Tanzania, Rwanda and Liberia, etc.
  - Assessing the General Equilibrium Effect of Social Grants in South Africa. 2014
  - Experimental design to compare the outcome from a repeated dichotomous choice and elicited probability approach in preference measurement. 2014
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## **PROFESSIONAL SERVICE**

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### ***Councils and Committees***

- Internal and External Examiner on PhD and Masters Theses, University of Pretoria
- Resource Person for UNDP and Global Water partnership (GWP) on research and capacity building related to the Economics of Climate Change Adaptation in Africa.
- University and organization service:
  - Computer Committee, Department of Economics, Iowa State University (ISU). 2008-2010
  - Computer Advisory Committee and Student Affairs Advisory Committee, ISU. 2008-2010
  - Senator, Graduate and Professional Student. ISU. 2007-2008
  - Vice President, Economics Graduate Student Association, ISU. 2007-2008

### ***Student Supervision***

- Supervised PhD and Masters Students at the University of Pretoria on various issues in environmental and agricultural economics.

### **Refereeing**

Fisheries Research, Climate and Development, Journal of African Economies, Agrekon, American Journal of Agricultural Economics, Agricultural Economics, Environment and Development, South African Journal of Economic and Management Sciences

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## RESEARCH GRANTS

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- Various grants from UNDP and World Bank since 2012 on the economics of climate change adaptation and commodity markets and trade policy.
- “Valuation studies in the role of forest ecosystems in national economies and the role of REDD+ in a green economy transformation in Tanzania.” United Nations Environmental Programme (UNEP). \$80,000. PI. 2013
- “The Cost of Power Outages to Households using Elicited Probability Model in Nigeria.” CEEPA Research Grant. \$15,500. PI. 2013.
- “Climate Change Modeling.” RDP Grant, University of Pretoria. 100,000 ZAR. PI.
- “EPA Competitive Grant: Research on the Design of Policies for Pollution Control Using Market Mechanisms, and Data Gathering for Dissertation and Early Career Research on the Pollution Control Aspects of Environmental Economics.” US Environmental Protection Agency Competitive Grant. 2009. \$80000. PI.

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## WORKSHOP AND CONFERENCE SELECTED PAPER PRESENTATIONS

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- [1] Invited speaker on Impact Evaluation methodology training at Oficina de Programación y Política Agropecuaria (OPYPA), Ministerio de Ganadería Agricultura Pesca (MGAP). Uruguay. October 2016
  - [2] Invited Speaker at the 5<sup>th</sup> Asia Pacific Climate Change Adaptation Forum 2016. October 2016. Columbus, Sri Lanka
  - [3] RIO+ World Centre for Sustainable Development Expert meeting on “Methodology for Channeling Climate Finance into Cash Transfer systems to build resilience in the Sahel and the Greater Horn of Africa”. August, 2016. Rio de Janeiro, Brazil
  - [4] Organized symposium and paper accepted for presentation – International Conference of Agricultural Economists. Milan, Italy July 2015.
  - [5] International Scientific Conference – Our Common Future under Climate Change, July 7 – 10, 2015. Paris, France
  - [6] Invited Speaker – International Conference on Climate Change and Multi-Dimensional Sustainability in African Agriculture: June 3 – 5, 2015
  - [7] UNDP-GEF/Ministry of Agriculture “Climate Change Risk and Vulnerability Assessment Training”, Liberia.
  - [8] UNDP/Global Water Partnership’s “Economics of Climate Change Adaptation”. Addis Ababa, Ethiopia. November 2013
  - [9] World Bank’s “Agriculture in Africa - Telling Facts from Myths workshop”. Washington D.C. November 2013.
  - [10] Featured speaker at the 14th Research and Training Workshop of CEEPA - training researchers from Africa on modeling the Economic Impact of Climate Change. Western Cape, South Africa. November 2013
  - [11] 4th International Conference of the African Association of Agricultural Economists, Hammamet, Tunisia. September 2013
  - [12] Agricultural & Applied Economics Association (AAEA) annual meetings. Washington D.C. August 2013.
  - [13] Featured speaker at the 13th Research and Training Workshop of CEEPA - training researchers from Africa on Micro-econometrics in Environmental Economics. February 2013.
  - [14] African Economic Conference 2012. Kigali, Rwanda. November 2012.
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