

Babatunde O Abidoye

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Current positions

- 2017- *Visiting Research Fellow.* Yale School of Forestry and Environmental Studies (FES), Yale University
Research on the economics of climate change with Prof. Robert Mendelsohn
- 2012- *Global Technical Advisor - Economist.* United Nations Development Programme
Global Environmental Finance Unit, Sustainable Development Cluster, Bureau for Policy and Programme Support (BPPS).

Areas of specialization

Agricultural Economics, Environmental Economics, International Development, Bayesian Econometrics

Appointments held

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|-----------|--------------------|--|
| 2012-2017 | Senior Lecturer | University of Pretoria, Pretoria, South Africa |
| 2012-2017 | Faculty Associate. | African Economic Research Consortium (AERC), Nairobi, Kenya |
| 2014-2016 | Consultant | World Bank. Poverty Global Practice Group and Trade & Competitiveness Group. |
| 2010-2012 | Lead Economist | Economic Analytics Group. France |
| 2005-2010 | Research Assistant | for Joseph Herriges and Catherine Kling. Iowa State University |
| 2004-2005 | Research Assistant | for John Lawrence. Iowa State University |
| 2003 | Teaching Assistant | for Dermot Hayes. Iowa State University |

Other Affiliations:

- 2016- National Research Foundation (NRF), South Africa
2012- Centre for Environmental Economics & Policy in Africa- CEEPA, South Africa

Education

- 2010 PH.D. **Economics with minor in Statistics, Iowa State University**
Dissertation: “Bayesian Inference in Recreational demand”
Committee: Joseph Herriges (Co-chair), Justin Tobias (Co-chair, Purdue University), Catherine L. Kling, Brent Kreider, Michael Larsen (George Washington University)
- 1999 BSc **Economics, University of Ilorin**

Publications & talks

Peer Reviewed Articles (15)

Working Papers (16)

Technical Reports (6)

PEER REVIEWED ARTICLES

- 2017 Sacolo. T and B.O Abidoye (2017), “Are long-held beliefs and taboos on recycled water reducing in Southern Africa?”. *Water Policy*, *Water Policy* (Forthcoming)
- 2017 Abidoye, B. O., Kurukulasuriya, P., & Mendelsohn, R. (2017). South-East Asian farmer perceptions of climate change. *Climate Change Economics*, 8(03), 1740006.
- 2017 Abidoye, B. O., Kurukulasuriya, P., & Mendelsohn, R. (2017). Structural ricardian analysis of South-East Asian agriculture. *Climate Change Economics*, 8(03), 1740005.
- 2017 Reed, B., Mendelsohn, R., & Abidoye, B. O. (2017). The economics of crop adaptation to climate change in South-East Asia. *Climate Change Economics*, 8(03), 1740002.
- 2017 Abidoye, B. O., Mendelsohn, R., Ahmed, S., Amanullah, S., Chasidpon, C., Baker, L., ... & Mungatana, E. (2017). South-East Asian Ricardian Studies: Bangladesh, Sri Lanka, Thailand, and Vietnam. *Climate Change Economics*, 8(03), 1740004.
- 2017 Wisdom Akpalu, Babatunde Abidoye, Edwin Muchapondwa & Witness Simbanegavi (2017), “Public disclosure for carbon abatement: African decision-makers in a PROPER public good experiment”, *Climate and Development* 9:6.
- 2016 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
- 2015 Abidoye, B. O., & Odusola, A. F. (2015). Climate change and economic growth in Africa: an econometric analysis. *Journal of African Economies*, 24(2), 277-301.

- 2014 Abidoye, B. O., Orazem, P. F., & Vodopivec, M. (2014). Mandatory costs by firm size thresholds: firm location, growth and death in Sri Lanka. *IZA Journal of Labor & Development*, 3(1), 36.
- 2014 Abidoye, B. O., & Labuschagne, M. (2014). The transmission of world maize price to South African maize market: a threshold cointegration approach. *Agricultural Economics*, 45(4), 501-512.
- 2014 Abidoye, B. O., & Mabaya, E. (2014). Adoption of genetically modified crops in South Africa: Effects on wholesale maize prices. *Agrekon*, 53(1), 104-123.
- 2012 Fowowe, B., & Abidoye, B. (2012). The effect Of financial development on poverty and inequality in African countries. *Manchester School*, 2013, vol. 81, issue 4, pages 562-585
- 2012 Abidoye, B. O., Herriges, J. A., & Tobias, J. L. (2012). Controlling for observed and unobserved site characteristics in RUM models of recreation demand. *American Journal of Agricultural Economics*, 94(5), 1070-1093.
- 2012 Abidoye, B. O., & Herriges, J. A. (2012). Model uncertainty in characterizing recreation demand. *Environmental and Resource Economics*, 1-27.
- 2011 Abidoye, B. O., Bulut, H., Lawrence, J., Mennecke, B., & Townsend, A. M. (2011). US consumers' valuation of quality attributes in beef products. *Journal of Agricultural and Applied Economics*, 43(1), 1.

WORKING PAPERS

1. "Adoption and crop productivity impacts of sustainable agricultural and land management practices in Zambia" with (A. Banda). – Revise and Resubmit - Journal of Agricultural Economics
2. "An investigation into food-away-from-home consumption in South Africa". With (M. Blick and J.F Kirsten). Revise and Resubmit, Development Southern Africa
3. "Income shocks and conflict: Evidence from Nigeria" (with M. Cali). Revise and Resubmit – Journal of Development Economics.
 - Also published as World Bank Policy Research Working Paper No. 7213
4. "Ecosystem based adaptation game" with S. Dissanayake, & S. Jacobson.
5. *Potential of drip irrigation technology as an adaptation strategy in the Limpopo River Basin: an assessment of smallholder farmers' willingness to pay.* With Sacolo. T. Submitted to *Agrekon*
6. "Non-tariff measures and regional trade: new evidence from Southern African Development Community." With M. Kalaba and J.F. Kirsten
7. "Income and child labour: evidence from agricultural households in Ethiopia" with A. Adisa.
8. "Estimating the impact of climate change on household welfare in Swaziland" with Y.S Mashaba and A. Sam.
9. "Rice prices in Indonesia" with M. Cali.
10. "Estimating the cost of electricity outage in Nigeria using elicited probability model".
 - Report submitted to Centre for Environmental Economics & Policy in Africa- CEEPA.
11. "Trade, poverty and peace in Mauritania" with (Massimiliano Cali). 2015. Submitted as a chapter for the diagnostic trade integration study (DTIS) for Mauritania.

12. *“Trade and poverty in Myanmar”* with (Massimiliano Cali, and Monica Wihardja). 2015.
 - Submitted as a chapter for the diagnostic trade integration study (DTIS) for Myanmar
13. *“Neither perfect nor equal: Evidence on the dynamics of price transmission from Nigeria”* with (Massimiliano Cali and Gonzalo Varela).
 - Report submitted as part of the World Bank Africa project on Poverty and Trade in Nigeria.
14. *“What drives conflict in Haiti? An empirical analysis in the 2000s”* (with M. Cali and Evans Jadotte).
15. *Haiti: towards a new narrative systematic country diagnostic. May 2015. World Bank Group*
16. *“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

TECHNICAL REPORTS

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| 2016 | 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. |
| 2015 | “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) |
| 2015 | “Macroeconomic effects of the Ebola virus disease outbreak in Guinea, Liberia, Sierra Leone” (2015) Technical Report submitted to the United Nations Development Programme. |
| 2012-2016 | “Bureau for Food and Agricultural Policy (BFAP) Baseline: Agricultural Outlook”. South Africa |
| 2012 | “Millennium Development Goal (MDG) Report. Niger State.” 2012 |
| 2009 | “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. |

Grants, honors & awards

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| 2016-2017 | National Research Foundation (NRF) Incentive Funding |
| 2016 | South African government National Research Foundation(NRF) recognition as young academics likely to be future leaders in their fields. |
| 2014 | Most downloaded articles published in Routledge Social Sciences journals in 2014 for the paper “Adoption of genetically modified crops in South Africa: Effects on wholesale maize prices”. |
| 2014- | Impact Evaluation Framework of Early Warning System Investments in Africa. United Nations Development Programme |

- 2013-2016 Economics of Climate Change Adaptation Programme. USAID-ADAPT Asia and United Nations Development Programme
- 2013 “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.
- 2013 “The cost of power outages to households using elicited probability model in Nigeria.” CEEPA Research Grant. \$15,500.
- 2012 “Climate change modeling.” Research Development Program Grant, University of Pretoria. 100,000 ZAR.
- 2012 Excellent publication award in the Journal of Environmental and Resource Economics (ERE).
- 2009 “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. \$80,000.
- 2005-2010 Professional Advancement Grant, Iowa State University.
- 1999 Best Final Year Student in Monetary and Fiscal Policies in Economics - The Trade Bank Plc (Nigeria) Prize in Monetary & Fiscal Policies in Economics.

Graduate Supervisions: University of Pretoria

- In progress *M. Tesfay* (PhD Environmental Economics) Supervisor: “Shocks, intra-household risk sharing efficiency and welfare outcomes: Evidence using panel data from rural Ethiopia”
- In progress *S. Thabo* (PhD Environmental Economics) Supervisor: “Reducing hypothetical bias in choice experiments: payment consequentiality and inferred valuation revisited with water demand management in Southern African”
- In progress *M.M. Mashamaite* (PhD Public Policy) Co-Supervisor: “Investigation of the interface between climate change and public policy: the case of the department of transport in south Africa”
- In progress *M.Q. Mphephu* (MAGRIC: Agricultural Economics) Supervisor: “Assessing the economic impacts of climate change on avocados production”
- In progress *T. E. Mokhothu* (Master of Science (MSc) in Agricultural Economics) Supervisor: “Economic analysis of a rural household demand for water quality supply service enhancements in the rural settlements of Qiloane community locations, Lesotho”
- 2017 *A. Banda* (MSc Agricultural Economics) Supervisor: “Adoption and crop productivity impacts of sustainable agricultural and land management practices in Zambia.”
Theses Distinction
- 2017 *Y.S. Mashaba* (MSc Agricultural Economics) Supervisor: “Estimating the impact of climate change on household welfare in Swaziland”
- 2016 *A.T. Adisa* (MSc Environmental Economics) Supervisor: “Income and child labor: evidence from agricultural households in Ethiopia”
- 2015 *S.M. Lekgau* (MSc Agricultural Economics) Co-Supervisor: “Measuring spatial market integration between urban and rural food markets in South Africa”
- 2015 *Z.N. Vilakati* (MSc Agriculture - Agricultural Economics) Co-Supervisor: “Stated prefer-

ence and cost-based approaches to estimate benefits of controlling invasive alien plant species in the Hhohho region of Swaziland”

2015 *M. Blick* (MSc Agricultural Economics) Co-Supervisor: ”An investigation into food-away-from-home consumption in South Africa”

2014 *M. Kalaba* (PhD., Agricultural Economics) Co-Supervisor: ”The impact of Non-Tariff measures on SADC agricultural trade”

INVITED PRESENTATIONS & TRAINING:

2017 The Regional Resource Centre for Asia and the Pacific at the Asian Institute of Technology, Bangkok, Thailand

- *Organizer and trainer for the two weeks training on the economics of climate change adaptation*

2017 International Energy Workshop 2017

- *Presented: Elicited choice probability vs. dichotomous choice preference elicitation: Evaluating the Cost of Power Outages to Households in Nigeria*

2015-2016 Nondegree Training for Policy makers in Africa

- *I have organized multiple training for policy makers in Africa on Environmental Economics through The Centre for Environmental Economics and Policy in Africa*

Oct. 2016 Impact Evaluation methodology training at Oficina de Programación y Política Agropecuaria (OPYPA), Ministerio de Ganadería Agricultura Pesca (MGAP). Uruguay.

- *Organized a one week intensive econometrics training for the impact evaluation team.*

Oct. 2016 5th Asia Pacific Climate Change Adaptation Forum 2016. October 2016. Columbus, Sri Lanka

- *Organized session on the Economics of Climate Change Adaptation in South-East Asia.*

Aug. 2016 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

July. 2015 Organized symposium and paper accepted for presentation – International Conference of Agricultural Economists. Milan, Italy July 2015.

- *Presented: Neither perfect nor equal: Evidence on the dynamics of price transmission from Nigeria*

2015 International Scientific Conference – Our Common Future under Climate Change, July 7 – 10, 2015. Paris, France

- *Bayesian Inference for the Ricardian Model*

2015 International Conference on Climate Change and Multi-Dimensional Sustainability in African Agriculture: June 3 – 5, 2015

2013 UNDP-GEF/Ministry of Agriculture “Climate Change Risk and Vulnerability Assessment Training”, Liberia.

2013 UNDP/Global Water Partnership’s “Economics of Climate Change Adaptation”. Addis Ababa, Ethiopia. November

2013 World Bank’s “Agriculture in Africa - Telling Facts from Myths workshop”. Washington D.C. November 2013.

2013 Featured speaker at the 14th Research and Training Workshop of CEEPA. Western Cape,

- South Africa. November 2013
One week training of researchers from different countries in Africa - training researchers from Africa on modeling the Economic Impact of Climate Change
- 2013 4th International Conference of the African Association of Agricultural Economists, Hammamet, Tunisia. September 2013
- *Presented: "Adoption of Genetically Modified Crops in South Africa: Effects on wholesale maize prices"*
- 2013 Agricultural & Applied Economics Association (AAEA) annual meetings. Washington D.C. August 2013.
- 2013 13th Research and Training Workshop of Centre for Environmental Policy in Africa - February
training researchers from Africa on Micro-econometrics in Environmental Economics.
- 2012 African Economic Conference 2012. Kigali, Rwanda. November 2012.

Teaching Activities:

GRADUATE COURSES TAUGHT AT UNIVERSITY OF PRETORIA:

- 2012-2016 Quantitative Methods in Agricultural Policy
- 2012-2016 Quantitative Methods in Environmental Economics

UNDERGRADUATE COURSES TAUGHT AT UNIVERSITY OF PRETORIA:

- 2012-2014 Natural Resources Management, Environmental Economics and Environmental Policy

GRADUATE COURSES TAUGHT AT IOWA STATE UNIVERSITY:

- 2009 Economic and Business Decision Tools

UNDERGRADUATE COURSES TAUGHT/ASSISTANT AT IOWA STATE UNIVERSITY:

- 2003 - 2009 Principles of Microeconomics; Principle of Macroeconomics; Money, Banking, and Financial Institutions; Labor Economics

Service to the profession

COUNCILS AND COMMITTEES

Internal and External Examiner on various PhD and Masters Theses, University of Pretoria

UNIVERSITY AND ORGANIZATION SERVICE:

- 2008-2010 Computer Committee, Department of Economics, Iowa State University (ISU).
- 2008-2010 Computer Advisory Committee and Student Affairs Advisory Committee, ISU.

2007-2008 Senator, Graduate and Professional Student. ISU.
2007-2008 Vice President, Economics Graduate Student Association, ISU.

REFEREEING - SELECTED JOURNALS

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

OTHER PROFESSIONAL SERVICE:

2016- Member. National Research Foundation Specialist Committee Economics, Management, Administration and Accounting for rating applications.