

# DOUGLAS MUGABE

## Fulbright Scholar

Resource Economics and Management,  
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### EDUCATION

PhD, Natural Resource Economics	West Virginia University, US	Expected 2019
Cert, Machine Learning	Stanford University, US	Expected 2019
PgDip <sup>1</sup> , University Teaching	Midlands State University, ZW	2015
MSc, Agricultural and Applied Economics	University of Zimbabwe, ZW	2011
BSc, Agricultural Economics and Extension	University of Zimbabwe, ZW	2007

### RESEARCH INTERESTS

Energy and Resource Economics; Environmental Policy and Analysis; Climate Change;  
Agriculture and Productivity Analysis

### PEER REVIEWED PUBLICATIONS

- All the DUCs in a Row: Natural Gas Production in the US. (*Energy Journal*, *Revise and Resubmit*). (With Elbakidze L., and Carr T.)
- Elasticity of Substitution and Technical Efficiency: Evidence from the US Electricity Generation. *Applied Economics* (2019). <https://doi.org/10.1080/00036846.2019.1678733>. (With Elbakidze L., and Zaynutdinova G.)
- How Efficient is Maize Production Among Smallholder Farmers in Zimbabwe? A Comparison of Semiparametric and Parametric Frontier Efficiency Analyses. *Applied Economics*, 1-17. (2018). (With Etienne X., and Ferrara G.)
- Estimation of Optimal Land Use Allocation Among Small Holder (A1) Farmer Households in Zimbabwe. A Case Study of Long Croft Farm, in Mazowe District. *Journal of Agricultural Science*, 6(2), 170. (2014). (With Chipunza N., Mupaso N., Munyati V., and Makarudze F.)
- Characterization of Smallholder Irrigation Schemes in Chirumanzu District, Zimbabwe. *Journal of Agricultural Science*, 6(2), 189. (2014). (With Mupaso N., Nyamutowa C., Masunda S., and Chipunza N.)
- An Econometric Approach to Ascertain Sorghum Supply Response in Zimbabwe. *African Journal of Agricultural Research*, 8(47), 6034-6038. (2013). (With Munyati V., Chipunza N., Mafuse N., Chagwiza G., and Musara J.)

<sup>1</sup> PgDip (Post-graduate diploma) in Tertiary Education is a University Teaching Qualification.

## TEACHING EXPERIENCE

West Virginia University, Resource Economics and Management (TA)	2017-2018
Energy Resource Economics, Spring 2018	
Resource Economics, Spring 2018	
Agribusiness Management, Fall 2017	
Agriculture and Natural Resources Law, Fall 2017	
Midlands State University, Agricultural Economics and Development (Lecturer <sup>2</sup> )	2012-2015
Microeconomics I, Semester 2 (2013, 2014 and 2015)	
Microeconomics II, Semester 1 (2013, 2014 and 2015)	
Econometrics I, Semester 2 (2014 and 2015)	
Project Management, Semester 1 (2012, 2013 and 2014)	
NGO Management and Development, Semester 1 (2012, 2013 and 2014)	
Production Economics, Semester 2 (2014 and 2015)	
Rio Tinto College of Agriculture, Farm and Agribusiness Management (Lecturer)	2008-2008
Principles of Microeconomics, Term 1 and Term 2 (2008)	
Ministry of Education, Zimbabwe (High School Teacher)	2004-2007
Mathematics, Biology and Chemistry	

## PROFESSIONAL EXPERIENCE

West Virginia University (WVU), US	
Researcher, Regional Research Institute,	Current
Graduate Research Assistant, Resource Economics and Management	2017-2019
Midlands State University (MSU), Zimbabwe	
Fulltime Lecturer	2013-2015
Visiting Lecturer	2012-2013
International Relief and Development, Zimbabwe	
Agri-Trade Officer, US-AID funded ZIM-AIED Project	2011-2013
Research Assistant, Willingness to Pay for Rain Water Harvesting Project	2010-2010
LEAD Trust, Zimbabwe	
Researcher, Drought Tolerance Crops Program	2010-2010
Center for Applied Social Sciences, Zimbabwe	
Research Assistant, Oils Seeds Value Chain Project	2009-2009
Government of Zimbabwe	
Economist, Department of Irrigation	2008-2009

## AWARDS AND HONORS

Thomas F. Torries ARE Student Actualization Endowment Grant ( <i>twice</i> )	2019
Dean's Outstanding Doctoral Student, Davis College, WVU	2018
Gamma Sigma Delta, National Honor Society of Agriculture, WVU	2018
Honor Society of Phi Kappa Phi, WVU Chapter	2017
Fulbright Scholarship, PhD, WVU	2015
African Economic Research Consortium Scholarship, MSc, University of Zimbabwe	2008

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<sup>2</sup> Lecturer is equivalent to Assistant Professor.

## OTHER PUBLICATIONS AND BOOK REVIEWS

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- Intra-Industry Trade: Cooperation and Conflict in the Global Political Economy. *Review of Regional Studies* 47(2):224. Southern Regional Science Association Inc. (2017). 0048-749X
- Farm Management. Department of Science Education and Agricultural Science (Dipsced Agricultural Science, Module DAE 008). Bindura University of Science Education, Zimbabwe. (2013). (With Mafuse E., and Munyati V.T.)
- Estimation of Optimal Land Use Allocation Among Small Holder (A1) Farmer Households in Zimbabwe. A Case Study of Long Croft Farm, in Mazowe District. Master's Thesis, University of Zimbabwe, (2011)

## CONFERENCE PRESENTATIONS

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- Canadian Resource and Environmental Economics Annual meeting  
All the DUCs in a Row: Natural Gas Production in the US. PEI, Canada 2019
- Agricultural & Applied Economics Association Annual Meeting, US  
Drilled but Uncompleted Wells and Natural Gas Production. 2019  
Do Climate Change Induced Natural Disasters Disrupt Legal Integrity? 2018  
How Efficient is Maize Production Among Smallholder Farmers in Zimbabwe? 2016
- World Congress of Environmental and Resource Economists. Gothenburg, Sweden  
Regional Adjustment Heterogeneity in Electricity Generation: Evidence from US 2018
- Annual Graduate Research and Creative Scholarship Day, West Virginia University  
Drilled but Uncompleted Wells and Natural Gas Production 2019  
Substitution in Electricity Generation: A State Level Analysis of Structural 2018  
Change from Hydraulic Fracturing Technology  
How Efficient Is Maize Production Among Smallholder Farmers in Zimbabwe? 2018  
A Comparison of Semiparametric and Parametric Frontier Efficiency Models

## REFEREEING

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- Applied Economics* 2019  
*The Review of Regional Studies* 2016  
*Asian Journal of Agricultural Extension, Economics and Sociology* 2016

## MEMBERSHIP

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- Association of Environmental and Resource Economists 2019-present  
African Finance and Economic Association 2019-present  
Canadian Resource and Environmental Economics Association 2019-present  
The Canadian Agricultural Economics Society 2019-present  
American Economic Association 2016-Present  
Agricultural and Applied Economics Association 2016-present  
Morgantown Mountain Men Club, West Virginia 2015-present

## SERVICE

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West Virginia University	
Treasurer, Graduate Resource Economics Club	2018-2019
Monongalia County Schools	
Member, Parent Liaison Group	2019-present
Midlands State University, Zimbabwe	
Chair, Research committee	2014-2015
Website committee member	2014-2014
Salvation Army,	
Morgantown Mountain Men Club	2016-2017
Angel Tree Distribution	2015-2016
Youth Choir Leader, Harare, Zimbabwe	2014-2015
Kanyemba Chikwira Zimbabwe	
Vice Chairperson, Old Students Association (Alumni Association)	2013-2015
Dawn Club, Harare, Zimbabwe	
Club Secretary	2013-2014
Rio Tinto College of Agriculture, Zimbabwe	
Acting Vice Principal	2008-2008
Head, Farm and Agribusiness	2008-2008
Chair, Marketing committee	2008-2008
Chair, Procurement committee	2008-2008
Chair, Graduation committee	2008-2008
Chair, Disciplinary committee	2008-2008
Chair, Security committee	2008-2008

## REFERENCES

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Dr. Levan Elbakidze, Associate Professor, Resource Economics and Management, West Virginia University <a href="mailto:levan.elbakidze@mail.wvu.edu">levan.elbakidze@mail.wvu.edu</a> , Office: +1 (304) 293-5487	Dr. Xiaoli Etienne, Associate Professor, Resource Economics and Management, West Virginia University <a href="mailto:xletienne@mail.wvu.edu">xletienne@mail.wvu.edu</a> , Office: +1 (304) 293- 5503	Dr. Peter Schaeffer, Professor, Resource Economics and Management, West Virginia University <a href="mailto:peter.schaeffer@mail.wvu.edu">peter.schaeffer@mail.wvu.edu</a> , Office: +1 (304) 293-5572
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