

David Ubilava, Ph.D.

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AREAS OF INTERESTS

Climate Econometrics, Commodity Price Analysis, Nonlinear Econometric Modeling and Forecasting

CURRENT APPOINTMENTS

2017- **Senior Lecturer** – School of Economics, University of Sydney

2018- **Associate Editor** – Food Policy

PREVIOUS APPOINTMENTS

2014–2016 **Lecturer** – School of Economics, University of Sydney

2012–2013 **Lecturer** – Department of Agricultural and Resource Economics, University of Sydney

2010–2012 **Post-Doctoral Researcher** – Department of Agricultural Economics, Mississippi State University

2005–2010 **Graduate Research Assistant** – Department of Agricultural Economics, Purdue University

EDUCATION

2010 **Ph.D. in Agricultural Economics** – Purdue University (USA)

2006 **M.S. in Agricultural Economics** – Purdue University (USA)

2003 **B.S. in Economics** – Georgia State Agrarian University (Georgia)

RESEARCH

Google Scholar citations: 368, h-index: 9.

Scopus citations: 157, h-index: 7.

Journal Articles

- (16) Ubilava, D. and M. Abdolrahimi (accepted). The El Niño Impact on Maize Yields is Amplified in Lower Income Teleconnected Countries. *Environmental Research Letters*.
- (15) Ubilava, D. (2019). On the Relationship between Financial Instability and Economic Performance: Stressing the Business of Nonlinear Modelling. *Macroeconomic Dynamics* 23(1), 80–100.
- (14) Ubilava, D. (2018). The Role of El Niño Southern Oscillation in Commodity Price Movement and Predictability. *American Journal of Agricultural Economics* 100(1), 239–263.
- (13) Smith, S. C. and D. Ubilava (2017). The El Niño Southern Oscillation and Economic Growth in the Developing World. *Global Environmental Change* 45, 151–164.
- (12) Ubilava, D. (2017). The ENSO Effect and Asymmetries in Wheat Price Dynamics. *World Development* 96, 490–502.
- (11) Tack, J. B. and D. Ubilava (2015). Climate and Agricultural Risk: Measuring the Effect of ENSO on U.S. Crop Insurance. *Agricultural Economics* 46(2), 245–257.
- (10) Ubilava, D. (2014). El Niño Southern Oscillation and the Fishmeal–Soya Bean Meal Price Ratio: Regime-Dependent Dynamics Revisited. *European Review of Agricultural Economics* 41(4), 583–604.

- (9) Tack, J. B. and D. Ubilava (2013). The Effect of El Niño Southern Oscillation on U.S. Corn Production and Downside Risk. *Climatic Change* 121(4), 689–700.
- (8) Ubilava, D. and C. G. Helmers (2013). Forecasting ENSO with a Smooth Transition Autoregressive Model. *Environmental Modelling & Software* 40(1), 181–190.
- (7) Ubilava, D. and M. T. Holt (2013). El Niño Southern Oscillation and its Effects on World Vegetable Oil Prices: Assessing Asymmetries using Smooth Transition Models. *Australian Journal of Agricultural and Resource Economics* 57(2), 273–297.
- (6) Ubilava, D. (2012a). El Niño, La Niña, and World Coffee Price Dynamics. *Agricultural Economics* 43(1), 17–26.
- (5) Ubilava, D. (2012b). Modeling Nonlinearities in the U.S. Soybean-to-Corn Price Ratio: A Smooth Transition Autoregression Approach. *Agribusiness: an International Journal* 28(1), 29–41.
- (4) Ubilava, D. et al. (2011a). The SURE Program and Its Interaction with Other Federal Farm Programs. *Journal of Agricultural and Resource Economics* 36(3), 630–648.
- (3) Ubilava, D. et al. (2011b). Differences in Consumer Preferences when Facing Branded versus Non-branded Choices. *Journal of Consumer Behaviour* 10(2), 61–70.
- (2) Ubilava, D. et al. (2010). Effects of Income and Social Awareness on Consumer WTP for Social Product Attributes. *Technological Forecasting and Social Change* 77(4), 587–593.
- (1) Ubilava, D. and K. A. Foster (2009). Quality certification vs. product traceability: Consumer preferences for informational attributes of pork in Georgia. *Food Policy* 34(3), 305–310.

Research in Progress

Hastings, J. V., D. Ubilava, and Y. Wang (in preparation). *The Economic Effects of Sanctions: Evidence from North Korean Markets*.

Ubilava, D., N. B. Villoria, and J. B. Tack (revision requested). *Smooth Transitions Across Latitudes and Longitudes: An Application of a Nonlinear Panel Regression to the Climate–Economics Nexus*.

Invited Seminars and Conference Presentations

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| 2019 | AARES 2019 Annual Meeting (Melbourne, Australia). |
| 2018 | AAEA 2018 Annual Meeting (Washington DC, USA); ANZESG 2018 Annual Meeting (Brisbane, Australia); AARES 2018 Annual Meeting (Adelaide, Australia). |
| 2017 | Climate Econometrics 2017 Annual Meeting (Oxford, UK); Kansas State University; UC Davis; UC Berkeley. |
| 2016 | AAEA 2016 Annual Meeting (Boston, USA); ESAM 2016 Annual Meeting (Sydney, Australia); Oklahoma State University; University of Illinois; University of Minnesota. |
| 2015 | ANZESG 2015 Annual Meeting (Brisbane, Australia); University of Adelaide; University of Pretoria; Tbilisi State University. |
| 2014 | AAEA 2014 Annual Meeting; IAMO 2014 Forum (Haale, Germany); IIF 2014 International Symposium (Rotterdam, Netherlands); Aarhus University; University of New South Wales; USDA/ERS. |
| 2013 | AAEA 2013 Annual Meeting (Washington DC, USA); AARES 2013 Annual Meeting (Sydney, Australia). |
| 2012 | SCC-76 2012 Annual Meeting (Pensacola, USA); SAEA 2012 Annual Meeting (Birmingham, USA). |

Research Grants

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| 2017–2018 | FASS Collaborative Research Scheme (\$AU 39,963; Co-PI) |
| 2015 | FASS Research Support Scheme (\$AU 7,818) |
| 2014 | FASS Research Incubator (\$AU 4,984) |

TEACHING

Current Courses

- 2018- AREC3002: Agricultural Markets
2015- ECMT2160: Econometric Analysis
2013- ECMT3130: Forecasting for Economics and Business

Previous Courses

Agribusiness Marketing (2013-2014); Commodity Market and Price Analysis (2015-2017); Environmental Economics (2016,2019); Industrial Organization (2013-2014,2016); Research Exercises (2012-2013)

Supervising

- 2017- Maryam Abdolrahimi (PhD)
2014-2017 Jan Orlowski (PhD)
2014-2016 Maryam Abdolrahimi (MPhil)
2015 Sarah Smith (1st Class Honours and the University Medal; UC Davis PhD Program)

Teaching Awards

- 2017 FASS Teaching Excellence Award

LEADERSHIP AND ENGAGEMENT

Academic Service

- 2017- **Undergraduate Coordinator**, *School of Economics, University of Sydney*
2018-2019 **Chair-Elect**, *Econometrics Section, Agricultural & Applied Economics Association*
2017-2018 **Secretary/Treasurer**, *Econometrics Section, Agricultural & Applied Economics Association*
2016-2017 **Seminar Coordinator**, *School of Economics, University of Sydney*

Refereeing Service

Agribusiness: an International Journal; Agricultural Economics; American Journal of Agricultural Economics; Applied Economics Perspectives and Policy; Australian Journal of Agricultural and Resource Economics; Climatic Change; Ecological Economics; Empirical Economics; Environmental Management; Environmental Modelling & Software; Energy Policy; European Review of Agricultural Economics; Food Policy; Global Environmental Change; International Food and Agribusiness Management Review; International Journal of Climatology; Journal of Agricultural and Applied Economics; Journal of Agricultural and Resource Economics; Journal of Econometrics; Oxford Bulletin of Economics and Statistics; Technological Forecasting & Social Change.

Professional Membership

Agricultural & Applied Economics Association; American Economic Association; Econometric Society; Society for Nonlinear Dynamics and Econometrics