



Agricultural Economics Society

93rd Annual Conference 2019

Full programme

The University of Warwick

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PhD students are indicated with *



Monday 15th April, AES Conference Day 1

09:15-09:45	Registration, Tea and Coffee	
09:45-10:00	Introduction and Welcome – Lecture Theatre	
10:00-11:15	Contributed Papers Session 1	
	Food Security	
Room 0.12 Chair: Dominic Moran	<i>Household shocks, infrastructural investments, food and nutrition linkages in Malawi</i>	Henry Kankwamba, Center for Development Research (ZEF)
	<i>Regional Disparities in Food Consumption and Children's nutritional outcomes in Kenya</i>	Lilian Korir, University of Lincoln
	<i>Uncertainty and Sensitivity Analysis: Robustness check for vulnerability to food insecurity index</i>	Otu Ibok*, University of Reading
	Technology Adoption I	
Room 0.14 Chair: Omotuyole Ambali	<i>The Effects of Risk and Ambiguity Aversion on Technology Adoption: Evidence from Aquaculture in Ghana</i>	Adelina Gschwandtner, University of Kent
	<i>Local innovators in Uganda: experimenting with improved maize in a low adoption environment</i>	Nicholas Tyack*, Graduate Institute of Geneva
	<i>Risk Preference as an Endogenous Determinant of Improved Rice Technology Adoption Decisions: Empirical Evidence from Nigeria</i>	Omotuyole Ambali, Olabisi Onabanjo University
	Commodity Prices I	
Room 1.13 Chair: K. Aleks Schaefer	<i>Who will buy fishy lettuce? Australia and Israel as case studies on the effect of pricing on the potential market of aquaponic produce</i>	Asael Greenfeld, Haifa University
	<i>Modelling and forecasting U.S. corn and soybean prices</i>	Atanu Ghoshray, University of Newcastle
	<i>State-level Piecemeal Farm Regulations and the U.S. Commerce Clause</i>	K. Aleks Schaefer, Royal Veterinary College, University of London
	Trade	
Room 1.15 Chair: Imre Ferto	<i>Exporting Protection: Geographical Indications in EU Trade Agreements</i>	Martijn Huysmans, Utrecht University
	<i>Agricultural Global Value Chains and Structural Transformation</i>	Sunghun Lim, University of Minnesota and Augsburg University
	<i>The duration of the EU agri-food trade</i>	Imre Ferto, Institute of Economics, Hungarian Academy of Sciences
	Resilience	
Room 1.03 Chair: Janet Dwyer	<i>Resilience to food insecurity: theory and empirical evidence from international food assistance programmes in Malawi</i>	Monserrath Ximena Lascano Galarza, University of Pavia
	<i>Defining resilience in the context of New Zealand dairy farming and measuring resilience</i>	Elham Shokri*, Massey University

Food, Health and Sustainability I		
Room 1.04 Chair: Tim Lloyd	<i>Examining generational preferences for sustainability attributes of wine: a discrete choice experiment in California</i>	Peter Tait, Lincoln University
	<i>Trade Effect on Health Expenditure Through Dietary Changes: Sugar Intake and Obesity in Mexico after NAFTA</i>	Jorge Soguero Escuer*, University of Birmingham
11:15-11:45	Tea and Coffee	
11:45-13:00	Keynote Address by Professor Robert Finger (ETH Zürich): 'Reconciling Production and Environmental Services – New Pathways for Agricultural Policies' – Lecture Theatre	
13:00-14:00	Lunch	
14:00-15:30	Discussion Papers Session 1	
Room 0.12 Chair: Shailesh Shrestha	<i>The impact of financial leverage on farms capacity to react in market shocks</i>	Yiorgos Gadanakis, University of Reading
	<i>Weather shocks and childrens' growth deprivation: new insights from Uganda</i>	Peter Agamile, University of Manchester
	<i>Financial impacts of liver fluke on dairy farms under climate change - a farm level assessment</i>	Shailesh Shrestha, SRUC
Room 0.14 Chair: Frances Cossar	<i>The Performance of Leased Land Amongst Dairy Farmers in Ireland</i>	Tracy Bradfield, Teagasc/University College Cork
	<i>An assessment of the impact of government support measures in encouraging entrepreneurship, business innovation and diversification at the farm level</i>	Conall Mullan, Agri-Food and Biosciences Institute
	<i>Impact of mechanization on smallholder agricultural production: evidence from Ghana</i>	Frances Cossar, University of Edinburgh
Room 1.13 Chair: John Saunders	<i>Financing Gap Approach to Determination of Climate Change Vulnerability: An Example of Plantain Producers in Southwest Nigeria</i>	Adeolu Ayanwale, Obafemi Awolowo University
	<i>Measuring Irish agricultural efficiency with undesirable outputs: A Malmquist-Luenberger Index Approach using Farm Level Data</i>	Alexander Kaiser, Bundeswehr University Munich
	<i>Long term agricultural productivity</i>	John Saunders, Lincoln University
Room 1.15 Chair: Berkeley Hill	<i>Social Acceptance and Genome Editing in the Food Sector: Exploring Consequences and Perceptions of CRISPR-based systems</i>	Chad Baum, University of Bonn
	<i>Adoption of precision agriculture technologies: using Group Concept Mapping to explore and deepen knowledge about different stakeholder perceptions</i>	Débora Moretti, University of Bonn
	<i>Evaluating Brexit's impact on the social contributions made by agriculture</i>	Berkeley Hill, Imperial College London
Room 1.03	<i>Estimating the economic value of rainfall and irrigation in a global context</i>	Ben Lowe, Sheffield University

Chair: Evgenia Micha	<i>Extension and management pathways for enhanced farm sustainability: Evidence from Irish dairy farms</i>	Lorraine Balaine, NUI Galway/Teagasc
	<i>Mapping the pathways to farm level sustainable intensification: a multi-stakeholder participatory approach</i>	Evgenia Micha, CCRI
15:30- 16:15	Poster Session with Tea and Coffee	
16:15- 17:30	Contributed Papers Session 2	
New Zealand		
Room 1.03 Chair: Eva Schröer- Merker	<i>Assessing the Cost-effectiveness of Targeted Riparian Restoration Policies in New Zealand</i>	Tarek Soliman, Landcare Research
	<i>De-Risking Land-Use Transformation in New Zealand</i>	Alan Renwick, Lincoln University
	<i>Flexible sharemilking arrangements in New Zealand</i>	Eva Schröer-Merker, Harper Adams University
Qualitative Approaches and Q Methodology		
Room 1.04 Chair: Robert Ackrill	<i>Fostering lifelong learning within the Northern Ireland farming sector</i>	Austen Ashfield, Agri-Food and Biosciences Institute
	<i>Do farmers' and citizens' preferences for the CAP post 2020 match? Insights from a Q-Study</i>	Julia Anette Schreiner, University of Kiel
	<i>On-Farm Anaerobic Digestion: a dissection of policy barriers to uptake</i>	Robert Ackrill, Nottingham Trent University
Risk		
Room 1.13 Chair: Deb Roberts	<i>Seedling variety choices of perennial crops: The role of subjective belief of yield and risk behaviours</i>	Abdul Muis Hasibuan, University of Adelaide
	<i>Feed Risks and Opportunities for Irish Dairy Farms</i>	Edward Knapp*, Teagasc
	<i>Hazard Mitigation in EU Food Trade</i>	K. Aleks Schaefer, Royal Veterinary College, University of London
Economics of Crop Production		
Room 0.12 Chair: Martina Bozzola	<i>Recovering cropping management practices specific production functions: clustering and latent approach</i>	Esther Devilliers, INRA
	<i>Closing the gaps in experimental and observational crop response estimates: Bayesian Approach</i>	Maxwell Mkondiwa*, University of Minnesota
	<i>The welfare effects of biodiversity in the presence of market failures: An empirical application on Kenya</i>	Martina Bozzola, Queen's University Belfast
Rural Development and Migration		
Room 0.14 Chair: Steve Wiggins	<i>Native-Migrant Labour Substitution by Industry and Wage Effects: Evidence from the UK</i>	Simone Angioloni, Agri-Food and Biosciences Institute
	<i>Agglomeration and Spillover Effects of Regional Development Programs</i>	Zoltan Bakucs, Hungarian Academy of Sciences
	<i>How would we ever know? Glasses half full and half empty. Inspirations from Thailand and Tanzania</i>	Steve Wiggins, Overseas Development Institute
Agri-Environment I		

Room 1.15 Chair: Apurba Shee	<i>The impact of alternative agri-environmental policy instruments on the economic and environmental performance of dairy farms on the island of Ireland</i>	Adewale Henry Adenuga, Agri-Food and Biosciences Institute
	<i>Climate Change and Agriculture : Empirical evidence for Agroecological Zones and Countries of the Sahel</i>	Oudah Yobom*, UMR Cesaer, INRA, AgroSup Dijon
	<i>Fractional dimensionality of Weather and a New Approach to Climate Risk Financing in Agriculture: Evidence from Kenya</i>	Apurba Shee, University of Greenwich
17:30-19:00	Social Event: Cycling Trip Led by Dr Neil Chalmers	
19:00	Dinner + Tribute to Tim Josling (1940-2018) Led by Emeritus Professor Stefan Tangermann (University of Göttingen)	

Tuesday 16th April, AES Conference Day 2

07:00-08:00	Social Event: Morning Run Led by Dr Yiorgos Gadanakis (Start in front of the Ramphal Building)	
09:00-09:45	AGM of the Agricultural Economics Society in the Lecture Theatre	
09:45-10:45	Plenary Presidential Address by Professor Caroline Saunders (Lincoln University): 'Sustainable Agriculture: Life beyond Subsidies – Lessons from New Zealand'	
10:45-11:15	Tea and Coffee	
11:15-12:45	Plenary Session Chaired by Professor Janet Dwyer (CCRI): 'Methodological approaches in agricultural economics - discussing the pros and cons of orthodoxy and heterodoxy in teaching, research and practice' – Speakers are Professor Gianluca Brunori (Università di Pisa), Professor David Harvey (Newcastle University and Editor of the Journal of Agricultural Economics) and Dr Jonathan Brooks (Head of the Agri-Food Trade and Markets, OECD) – Lecture Theatre	
12:45-13:45	Lunch with Presentation of the AES Centenary History Project by Dr David R. Stead n(University College Dublin)	
13:45-15:00	Contributed Papers Session 3	
	Commodity Prices II	
Room 0.12 Chair: Hao Lan	<i>The impact of the implementation of mandatory written contract on raw milk price volatility within European Union dairy supply chains: A GARCH analysis as a reference for the UK Dairy Sector</i>	Fernando Agra-Lorenzo*, SRUC/University of Glasgow
	<i>Effect of Conflict and Food Price Shocks on Calorie Intake and Nutrition Outcome in Nigeria: A Micro-Panel Data Analysis</i>	Olusegun Fadare, International Food Research and Policy Institute
	<i>Food price responds to World Commodity Markets: an investigation on major developed and emerging countries</i>	Hao Lan, Xi'an Jiaotong-Liverpool University
	Efficiency and Productivity I	
Room 0.14 Chair: Mauro Vigani	<i>Determinants of food security and technical efficiency of agricultural households in Nigeria</i>	Zainab Oyetunde-USman*, University of Greenwich
	<i>Productivity in dairy farming – Long-term dynamics and determinants</i>	Eva Scheichel*, University of Natural Resources and Life Sciences, Vienna
	<i>Productivity impacts of CAP Pillar II payments in the EU28</i>	Mauro Vigani, CCRI
	Food, Health and Sustainability II	
Room 1.13 Chair: Neil Chalmers	<i>Analysis of food demand in Somalia</i>	Mohamud Hussein, Agribusiness Solutions Hub
	<i>Do supermarket promotions make us fat? A case of breakfast cereals in Scotland</i>	Olivia Placzek, Bournemouth University
	<i>Moving past meat consumption: Is there room for pulses on the British plate?</i>	Lucianne Wardle, Soil Association
	Impacts on Farm Performance I	
Room 1.15	<i>The Impact of Information Communication Technologies on Chinese Farmers' Agricultural Income</i>	Qiubo Zhu*, Wageningen University

Chair: Trevor Donnellan	<i>The potential impact of changes to coupled beef support payments on EU beef production: A regional analysis</i>	Anne Hayden, University College Dublin
	<i>Modelling the Impact of Decoupled Payments on Farm Production</i>	Myles Patton, Agri-Food and Biosciences Institute
15:00- 16:30	Tea and Coffee	
15:00- 16:30	<p>Workshop 1: Strategies for Publishing and Disseminating Research – outputs, outlets and outreach (and how EuroChoices can help) – Speakers are Professor Rob Ackrill (Nottingham Trent University), Antony Hey (Wiley) and Professor Peter Midmore (Aberystwyth University) – Lecture Theatre</p> <p>Workshop 2: Food and Health: Tackling Obesity Chaired by Professor Tim Lloyd (Bournemouth University) – Speakers are Professor José M. Gil (Centre Agro-Food Economy and Development, Barcelona), Dr Jonathan Brooks (Head of the Agri-Food Trade and Markets, OECD) and Professor Heather Hartwell (Bournemouth University) – Room 0.12</p>	
16:30- 17:15	Poster Session with Tea and Coffee	
17:15- 18:15	Discussion Papers Session 2	
Room 0.12 Chair: Mark Reader	<i>Measuring farm animal wellbeing; Assessing indicators to better inform sustainable food production</i>	Mary Brennan, Teagasc
	<i>Farms like mine: A big data method in peer matching for agricultural benchmarking</i>	Mark Reader, University of Cambridge
Room 0.14 Chair: Simone Pfuderer	<i>Using household demographic data to estimate the demand for sustainable diets</i>	Neil Chalmers, University of Aberdeen
	<i>Demand for donkey hides and implications for global donkey populations</i>	Simone Pfuderer, University of Reading
Room 1.13 Chair: David Blandford	<i>Some principles for coherent food policies</i>	Jonathan Brooks, OECD
	<i>"Burn baby burn" - controlling the risk of wildfires in Greece</i>	David Blandford, Pennsylvania State University
Room 1.15 Chair: Karl Behrendt	<i>Estimating the transportation Cost of UK Brewery spent grains using Spent Grain Costing Model</i>	Usama Ben Hamed, Tripoli University
	<i>Impact of Swarm Robotics on Arable Farm Size and Structure in the UK</i>	Karl Behrendt, Harper Adams University
18:15- 19:00	Women in Agricultural Economics Networking Session Led by Professor Deb Roberts (University of Aberdeen and James Hutton Institute)	
19:15	Reception followed by AES Annual Conference Dinner in the Rootes Building at 19:45 Speaker: Guy Smith (Deputy President of the National Farmers' Union)	

Wednesday 17th April, AES Conference Day 3

09:15-10:45	<p>Workshop 3: Food Waste – Too Many Definitions – Speakers are Dr Luiza Toma (Scotland’s Rural College), Professor José M. Gil (Centre Agro-Food Economy and Development, Barcelona), Professor Ben Bennett (Natural Resources Institute - University of Greenwich), Maggie March (Scotland’s Rural College), Bethan Thompson (Scotland’s Rural College), Raquel Diaz-Ruiz (Centre Agro-Food Economy and Development, Barcelona), George Jamieson (National Farmers Union Scotland), Dr Peter Alexander (University of Edinburgh), Dr Eleanor O’Rourke (Zero Waste Scotland) and Nic Parsons (TESCO) – Room 0.12</p> <p>Symposium: ‘The Green Revolution in Retrospect’ Chaired by Dr Steve Wiggins (Overseas Development Institute) – Speakers include Professor James Fenske (Warwick University), Professor Jonathan Harwood (University of Manchester) and Dr Richard Longhurst (Institute for Development Studies) – Lecture Theatre</p> <p>Masterclass on Spatial Econometrics led by Dr Doris Läpple (NUI Galway) – Room 1.13</p>	
10:45-11:15	Tea and Coffee	
11:15-12:30	Contributed Papers Session 4	
	Efficiency and Productivity II	
Room 0.12 Chair: Adewale Henry Adenuga	<i>Exploring the extent to which secondary data is possible to capture innovation at farm level</i>	Yiorgos Gadanakis, University of Reading
	<i>Tenure security, investment and the productivity of agricultural farms in the communal area of Kavango West region of Namibia: Any evidence of causality?</i>	David Uchezuba, Namibian University of Science and Technology
	<i>Modelling environmental technical efficiency and shadow price of phosphorus surplus in dairy farms: A parametric hyperbolic distance function approach</i>	Adewale Henry Adenuga, Agri-Food and Biosciences Institute
	Agri-Environment II	
Room 0.14 Chair: Gerald Toland	<i>Investigating policy options to reduce plastic waste in agriculture: A pilot study in the south of Italy</i>	Caterina De Lucia and Pasquale Paziienza, University of Foggia
	<i>Direct and indirect pesticides productivity under different levels of pest pressure and biocontrol: A landscape multi-equation framework</i>	K. Hervé Dakpo, INRA
	<i>Using Sustainability Indicators to Evaluate the Economic, Social and Environmental (ESE) Effects of Alternative Shrimp Production Systems</i>	Gerald Toland, Southwest Minnesota State University
	Trust and Wellbeing	
Room 1.13 Chair: Paul Dalziel	<i>Interactive social distance and trust: Different measuring approaches among semi-nomadic pastoralists in Northern Kenya</i>	Martin Christoph Parlasca, University of Göttingen
	<i>Fair Producer Prices</i>	Ruud Bronkhorst, InfoBridge Foundation
	<i>Wellbeing Economics and Agricultural Policy</i>	Paul Dalziel, Lincoln University
	Impacts on Farm Performance II	

Room 1.15 Chair: Stephen Ramsden	<i>Who Really Benefits from Single Payment Scheme (SPS) under Convergence of Payments? Micro-evidence from Northern Ireland</i>	Kehinde Oluseyi Olagunju, Agri-Food and Biosciences Institute
	<i>Direct and indirect effect of irrigation water availability on crop revenue in northwest Ethiopia: A Structural Equation Model</i>	Markose Zewdie, University of Antwerp
	<i>Profitability analysis of snail farming in Owerri agricultural zone Imo state</i>	Jane Munonye, AE-Federal University
Choice Experiments		
Room 1.03 Chair: Jose Gil	<i>Preference uncertainty and serial non-participation in the rural broadband market in Northern Ireland</i>	Elias Mulugeta, Agri-Food and Biosciences Institute
	<i>Modelling Consumers' Preference and Willingness to Pay for Organic Amaranth and Tomato in Ondo State, Nigeria: Evidence from a Choice Experiment</i>	Oluwagbenga Akinwehinmi, Federal University of Technology
	<i>The role of wine-evoked emotions in wine purchase intentions and behaviours</i>	Jose Gil, CREDA-UPC-IRTA
12.30-13:00	Plenary Concluding Session in the Lecture Theatre	
13:00-14:00	Lunch and Depart, 2nd Executive Committee Meeting	

