



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: Wilfrid Legg	<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	
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	
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>The Impact of labour restrictions on the UK economy and its agri-food sector</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 (University College Dublin)	
13:45-15:00	Contributed Papers Session 3	
	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
	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	<i>Analysis of food demand in Somalia</i>	Mohamud Hussein, Agribusiness Solutions Hub

Chair: Neil Chalmers	<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 Chair: Trevor Donnellan	<i>The Impact of Information Communication Technologies on Chinese Farmers' Agricultural Income</i>	Qiubo Zhu*, Wageningen University
	<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	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 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	
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 Fabio De Menna (Universita di Bologna), 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) – with Professor James Fenske (Warwick University) – 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 Pazienza, 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	<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

Chair: Stephen Ramsden	<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
<i>12.30-13:00</i>	Plenary Concluding Session in the Lecture Theatre	
<i>13:00-14:00</i>	Lunch and Depart, 2nd Executive Committee Meeting	

