



**Agricultural Economics Society**

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**90<sup>th</sup> Annual Conference 2016**

**Programme**

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**The University of Warwick**





**Monday 4<sup>th</sup> April – AES Conference Day One**

09.00-10.00	<b>Registration, Tea and Coffee in the Ramphal Foyer</b>	
10.00-10.20 <b>Lecture Theatre (LT)</b>	<b>Introduction and Welcome in the main Lecture Theatre</b>	
10.30-11.30	<b>Discussion Papers 1</b>	
<b>Room 1.03</b> Chair: Dominic Moran	<i>Meeting Climate Change targets - Necessary Adjustments and Challenges for the Brazilian Meat Industry</i>	Mariane dos Santos, University of Sao Paulo
	<i>Exploring the Implications of GHG reduction targets for Agriculture in the UK and Ireland</i>	Trevor Donnellan, Teagasc
<b>Room 1.13</b> Chair: Caroline Saunders	<i>Don't Forget about the Children - Latent Food Insecurity in Rural Cambodia</i>	Dorothee Buehler, University of Hannover
	<i>Does farm level diversification improve household dietary diversity? Evidence from Rural India</i>	Tirtha Chatterjee, Indira Gandhi Institute of Development Research
<b>Room 0.12</b> Chair: David Harvey	TBC	TBC
	<i>Accounting for Gender Technology Gap: Evidence from Smallholder Rice Industry in Northern Ghana</i>	Victor Owusu, Kwame Nkrumah University of Science and Technology
<b>Room 1.15</b> Chair: Grant Davies	<i>Comparative analysis of the FADN Data Collection Systems in EU-28</i>	Berkeley Hill
	<i>Real agricultural income per worker down by 4.3% in the EU</i>	Garry Mahon, Eurostat, European Commission
<b>Room 0.14</b> Chair: Carmen Hubbard	<i>Identifying Hypothetical Bias in Experimental Auctions in Field Settings in Developing Countries</i>	Adewale Oparinde, International Food Policy Research Institute (IFPRI)
	<i>Contribution of Product Reformulation to the EU Salt Campaign: Empirical Evidence from the UK</i>	Chittur Srinivasan, University of Reading
<b>Room 1.04</b> Chair: Karen Heinschink	<i>A Simple Model to price Rainfall Insurance in India using Gaussian and t Copulas</i>	Anand Shah, Tata Consultancy Services
	<i>Income stabilisation tool and the pig gross margin index for the Finnish pig sector</i>	Petri Liesivaara, Natural Resources Institute Finland (Luke)
11.30-12.00	<b>Tea and Coffee</b>	

<i>12.00-13.00</i>	<b>Plenary Keynote Address: Stefan Dercon: 'Does Agricultural Research Reduce Poverty?'</b>
<i>13.00-14.00</i>	<b>Lunch</b>
<i>14.00-15.30</i>	<b>Symposium I:</b> Consumer Choice and the Organic Food Sector in the UK <b>Symposium II:</b> Better managing volatility in UK agriculture
<i>15.30-16.00</i>	<b>Tea and Coffee</b>
<i>16.00-17.30</i>	<b>Posters and Reception in the Ramphal Foyer</b>
<i>19.30</i>	<b>Dinner in the Rootes Building</b>

**Tuesday 5<sup>th</sup> April – AES Conference Day Two**

9.00-9.45 <b>LT</b>	<b>Annual General Meeting of the Agricultural Economics Society</b>	
9.45-10.45 <b>LT</b>	<b>Presidential Address: Professor Tim Lloyd</b> <i>'Forty Years of Price Transmission Research in the Food Industry: Some Insights, Challenges and Prospects'</i>	
10.45-11.15	<b>Tea and Coffee</b>	
11.15-12.30	<b>Contributed Papers Session 1</b>	
	<b>Food Security</b>	
<b>Room: 1.15</b> Chair: Steve Wiggins	<i>Income growth and malnutrition in Sub-Saharan Africa: Is there a need for region-specific policies?</i>	Deb Roberts, James Hutton Institute/University of Aberdeen
	<i>Household resilience to food insecurity: Cross-country evidence</i>	<b>Marco d'errico, FAO of UN</b>
	<i>The role of livestock in sustainable agricultural development for food security and nutrition</i>	Wilfrid Legg, Independent Consultant
	<b>Choice Experiment Methodology</b>	
<b>Room 0.14</b> Chair: Klaus Glenk	<i>Beyond rationality, towards reasonableness: Deliberative monetary valuation and Amartya Sens approach to rationality</i>	Bartosz Bartkowski, Helmholtz Centre for Environmental Research UFZ
	<i>Willingness to pay spatial clusters: a spatial error latent class approach</i>	Danny Campbell, University of Stirling
	<b>Agricultural Extension Systems</b>	
<b>Room 0.12</b> Chair: Steven Thomson	<i>Factors Associated with Extension Programme Participation: The case of discussion groups for Irish cattle farmers.</i>	Daniel O'Callaghan, Teagasc
	<i>The Role of Extension Systems on Structural Adjustments in the Dairy Sector Leading up to Milk Quota Abolition</i>	Doris Laepple, UCD
	<b>Technical Efficiency I</b>	
<b>Room 1.03</b> Chair: Cathal O'Donoghue	<i>Agri-environmental subsidies and farms technical efficiency accounting for GHG</i>	Herve Dakpo, INRA
	<i>Risk management and wheat productivity in France and Hungary: A stochastic frontier approach</i>	Mauro Vigani, University of Gloucestershire
	<i>Accounting for fishing vessel time allocation at sea when measuring efficiency</i>	Patrick Gillespie, Teagasc
	<b>Farm Models</b>	

<b>Room 1.13</b> Chair: Kenneth Thomson	<i>Ecological-economic modelling of bees on farmland</i>	Nick Hanley, University of St Andrews
	<i>Compensation Payments and Animal Disease: Incentivising Farmers Both to Undertake Costly On-farm Biosecurity and to Comply with</i>	Rob Fraser, University of Kent
	<i>A farm level approach to explore economic trade offs of soil organic carbon management in Scottish crop farms</i>	Shailesh Shrestha, SRUC
<b>Labour, Productivity and Farm Structure</b>		
<b>Room 1.04</b> Chair: Alan Renwick	<i>The Historical Rate of Total Factor Productivity Growth in Agriculture</i>	David Maddison, University of Birmingham
	<i>Foreign investment, farm management and labour in Russian large-scale farms</i>	Oane Visser, International Institute of Social Studies (ISS)
	<i>Effect of family labour on output of farms in selected EU Member States: A non-parametric quantile regression approach</i>	Philip Kostov, University of Central Lancashire
12.30-13.30	<b>Lunch</b>	
13.30-14.45	<b>Contributed Papers Session 2</b>	
<b>Farm Productivity in Africa and Asia</b>		
<b>Room 0.14</b> Chair: Marco d'Errico	<i>Analysis of Farmland Value Systems and Productivity of Cassava in Ecologically Vulnerable Areas of Imo State, Nigeria.</i>	Donatus Ohajianya, Federal University of Technology Owerri, Nigeria
	<i>Empirical Analysis of the Main Factors Influencing Rice Harvest Losses Based on Sampling Survey Data of 10 Provinces in China</i>	Linhai Wu, Food Safety Research Base of Jiangsu Province & Synergetic Innovation Center of Food Safety and Nutrition
<b>Valuation</b>		
<b>Room 1.15</b> Chair: Faical Akaichi	<i>Substitutes or Complements? Consumers Preferences and Willingness to Pay for Animal Welfare, Organic, Local and Low Fat Food</i>	Faical Akachi, SRUC
	<i>New food and drink products in the UK: is there a trend towards more sustainability?</i>	Montserrat Costa-Font, SRUC
	<i>Valuing the Waterville Fishery: A travel cost analysis of anglers recreational use-values</i>	Patrick Gillespie, Teagasc
<b>Choice Experiments/Agri-Environmental Schemes</b>		
<b>Room 0.12</b> Chair: Danny Campbell	<i>Design and analysis of choice experiments aimed at assessing compensation for participation in incentive-based land use schemes: relevance</i>	Klaus Glenk, SRUC
	<i>Compensating environmental losses versus creating environmental gains: Implications for biodiversity offsets and agri-environmental</i>	Sophie Thoyer, Montpellier Supagro

	<i>Non-farmers' willingness to farm: a large-scale choice experiment to identify policy options that can induce new entry to the agricultural</i>	Taro Takahashi, University of Bristol / Rothamsted Research
	<b>Resilience and Risk</b>	
<b>Room 1.03</b> Chair: Peter Midmore	<i>The World is their Oyster: Risk and Resilience in the Irish Oyster Industry</i>	Alan Renwick, Lincoln University
	<i>Exploring the Determinants of Business Success Among England's Upland Farms</i>	Janet Dwyer, University of Gloucestershire
	<i>Index-based Costs of Agricultural Production (INCAP) a new risk analysis tool for Austria</i>	K Heinschink, Federal Institute of Agricultural Economics
	<b>Trade</b>	
<b>Room 1.13</b> Chair: David Blandford	<i>Drivers of the duration of comparative advantage in the European Unions agri-food exports</i>	Imre Ferto, Centre for Economic and Regional Studies, Hungarian academy of Sciences
	<i>Hedonic Analysis of Country of Origin of Meat In The United Kingdom</i>	Mohamud Hussein, University of Newcastle
14.45-15.45	<b>Discussion Papers 2</b>	
<b>Room 1.03</b> Chair: Trevor Donnellan	TBC	TBC
	<i>Assessing dairy cost competitiveness in a global marketplace</i>	Patrick Gillespie, Teagasc
<b>Room 0.12</b> Chair: Janet Dwyer	TBC	TBC
	<i>Rural Jobs and the CAP: Spitting into the Wind?</i>	Sophia Davidova, University of Kent
<b>Room 1.15</b> Chair: David Maddison	<i>Understanding super large farms: Towards a typology of agrohholdings in the former Soviet Union</i>	Brian Kuns, Stockholm University
	<i>The Inequality of Farmland Size in Western Europe</i>	Jason Loughrey, Teagasc
<b>Room 0.14</b> Chair: Adewale Oparinde	<i>Avian Influenza outbreaks and the diseases impact on UK consumer demand for poultry.</i>	Christina Sietou, University of Nottingham
	<i>Household Food Demand in Response to Earthquake: A Linear Approximate Almost Ideal Demand System Approach</i>	Eny Sulistyaningrum, Faculty of Economics and Business Universitas Gadjah Mada
15.45-16.15	<b>Tea and Coffee</b>	
16.15-17.15	<b>Discussion Papers 3</b>	
<b>Room 1.15</b>	<i>Did the Fertilizer Cartel Cause the Food Crisis?</i>	Piotr Spiewanowski, Vistula University

Chair: Wilfrid Legg	<i>A Mexican Ricardian analysis: land rental prices or net revenues?</i>	Saul Basurto Hernandez, University of Birmingham
<b>Room 0.12</b> Chair: Berkeley Hill	<i>Flexibility of suckler beef cow systems under varying calf retention decisions</i>	Andreas Tsakiridis, UCD
	<i>Innovation and farm economic performance: a counterfactual approach</i>	Oltion Preka, UCD
<b>Room 1.13</b> Chair: Tim Lloyd	<i>Mixing methods to examine the influence of transaction costs on live chicken marketing</i>	Essien Antia-Obong, University of Newcastle
	<i>Retail competition of fruit and vegetable prices in the UK</i>	Hao Lan, UEA
<b>Room 1.04</b> Chair: Nick Hanley	<i>How complex is agricultural economics?</i>	Allan Butler, Royal Agricultural University
	<i>Are diverse ecosystems more valuable? A conceptual framework for the economic valuation of biodiversity</i>	Bartosz Bartkowski, Helmholtz Centre for Environmental Research (UFZ)

**19.00 Reception in The Rootes Bar, followed by Conference Dinner in the Chancellors Suite, Rootes Building at 19.30**

**Wednesday 6<sup>th</sup> April – AES Conference Day Three**

09.00-10.15	<b>Contributed Papers Session 3</b>	
	<b>GHG Mitigation</b>	
<b>Room 1.15</b> Chair: Shailesh Shrestha	<i>Now that the party's over: achieving Norway's GHG emission reduction commitments in Norwegian agriculture</i>	David Blandford, Penn State University
	<i>Stuck exchange: can cash transfers push smallholders out of autarky?</i>	Ervin Prifti, FAO of the United Nations
	<i>Rural demography in the developing world: what do we know and why it matters</i>	Steve Wiggins, ODI
	<b>Food Consumption</b>	
<b>Room 1.13</b> Chair: Adelina Gschwandtner	<i>Habitual Choice Strategy, Poverty and Urban Consumer Demand for Biofortified Iron Beans in Developing Countries: An Application of Random</i>	<b>Adewale Oparinde, International Food Policy Research Institute (IFPRI)</b>
	<i>Theory of Planned Behaviour applied to fish consumption in modern Metropolitan Lima</i>	Angie Higuchi, Universidad del Pacifico
	<i>Consumer Preference and Demand for Traceable Food Attributes: A Choice-based Conjoint Analysis</i>	Jiao Lu - Food Safety Research Base of Jiangsu Province, and Synergetic Innovation Center Of Food Safety and Nutrition
	<b>Farmer's Attitudes and Choices</b>	
<b>Room 0.14</b> Chair: Paul Caskie	<i>Part-Time Farming in Italy: Does Farm Size Really Matter?</i>	Barbara Tocco, University of Newcastle
	<i>Examining the socio-economic factors affecting Irish farmers awareness of and attitude towards climate change</i>	Domna Tzemi, UCD
	<i>Worth the risk? Investigating the determinants of life satisfaction among farm operators</i>	<b>Peter Howley, University of York</b>
	<b>Technical Efficiency II</b>	
<b>Room 1.03</b> Chair: Herve Dakpo	<i>To mix or specialise? A coordination productivity indicator for English and Welsh farms</i>	Frederic Ang, University of Reading
	<i>Examination the impact of technological differences with theoretically consistent frontiers on technical efficiency: the case of Hungarian crop producing farms</i>	Lajos Barath, MTA KRTK KTI
	<i>Addressing technical efficiency and technology heterogeneity in the Irish cattle sector</i>	Maria Martinez Cillero, Teagasc/UCD
10.15-10.45	<b>Tea and Coffee</b>	



<i>10.45-12.45</i>	<b>Symposium III:</b> ...To be or not to be... (finishing at 12.15hrs) <b>Symposium IV:</b> Plant Biosecurity Economics and Policy (finishing at 12.45hrs)
<i>12.45-13.15</i>	<b>Concluding Plenary Session in the Lecture Theatre</b>
<i>13.15-14.15</i>	<b>Lunch and Depart</b> <b>2<sup>nd</sup> Executive Committee Meeting</b>

## NOTES

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