



Agricultural Economics Society

89th Annual Conference 2015

Programme

The University of Warwick





AES 89th Annual Conference

2015

Conference at a Glance

Monday 13th April, AES Conference Day 1

09.00-10.00	Registration, Tea and Coffee
10.00-10.20	Introduction and Welcome – Lecture Theatre
10.30-11.30	Discussion Papers 1
11.30-12.00	Tea and Coffee
12.00-13.15	Contributed Papers 1
13.15-14.15	Lunch
14.15-15.30	Contributed Papers 2
15.30-16.00	Tea and Coffee
16.15-17.00	Plenary Presentation by Professor Nick Hanley
17.00-18.00	Posters and Reception in the Ramphal Foyer
19.30	Dinner (Rootes)

10.30-16.00	Day 1 Parallel Postgraduate Workshop in the Lecture Theatre
10.30-11.30	Session 1
11.30-12.00	Tea and Coffee
12.00-13.10	Session 2
13.10-14.00	Lunch
14.00-16.00	Session 3
16.15-17.00	Plenary Presentation by Nick Hanley – <i>How to get published</i>

Tuesday 14th April, AES Conference Day 2

09.00-09.45	AGM of the Agricultural Economics Society in the Lecture Theatre
09.45-10.45	Plenary Presidential Address: Professor Brian Revell - <i>One man's meat (and milk)</i>
10.45-11.15	Tea and Coffee
11.15-12.30	Contributed Papers 3
12.30-13.30	Lunch
13.30-14.30	Plenary Keynote Address: Professor Nick Hanley - <i>Improving the design of agri-environment schemes</i>
14.30-15.30	Discussion Papers 2
15.30-16.00	Tea and Coffee
16.00-17.30	Symposium 1: <i>Sustainable Intensification metrics and methodologies using FADN data</i> Symposium 2: <i>Reconsidering agricultural and rural development in the developing world</i>
19.00-19.30	Reception followed by AES Annual Conference Dinner in the Rootes Building at 19.30

Wednesday 15th April, AES Conference Day 3

09.00-10.15	Contributed Papers 4
10.15-10.45	Tea and Coffee
10.45-12.15	Symposium 3: <i>Increasing competitiveness and resilience of the UK arable supply chain</i> Symposium 4: <i>Can we bounce back? Resilience in agricultural systems</i>
12.15-12.45	Plenary Concluding Session in the Lecture Theatre
12.45-13.45	Lunch and Depart, 2nd Executive Committee Meeting

Monday 13th April – AES Conference Day One

09.00-10.00	Registration, Tea and Coffee in the Ramphal Foyer	
10.00-10.20 Lecture Theatre (LT)	Introduction and Welcome in the main Lecture Theatre	
10.30-11.30	Discussion Papers 1	
Room 1.13 Chair: Alistair Stott	<i>Exploring the role of farmers' attitudes in influencing animal health best practice</i>	Emma J. Dillon, Thia Hennessy, Peter Howley, Teagasc, Ireland
	<i>Individual participation for sustainable entrepreneurship: an experimental economics approach on a family farming case</i>	Lena M. Schickramm, Fernando Sáenz-Segura, Robert A. Schipper, Michel Handgraaf, Technical University Munich
Room 1.15 Chair: Michelle Stevenson	<i>Developing a Rural-Urban Social Accounting Matrix for Northern Ireland</i>	Pei Pei, Ziping Wu, Alberto Longo, Erin Sherry, Queens University Belfast
	<i>Investigation of factors affecting arable farming profit, crop complexity and risk under the single farm payment policy</i>	Kwadjo Ahodo, Robert P. Freckleton, David Oglethorpe, University of Sheffield
Room 0.12 Chair: Peter Midmore	<i>Has Farming Connect made an economic impact on the Welsh agricultural sector?</i>	Berkeley Hill, Dylan Bradley, Eirwen Williams, University of London
	<i>Sources of capital in Polish agriculture in the years 2004-2013</i>	Barbara M. Wieliczko, Institute of Agricultural and Food Economics, National Research Institute, Poland
11.30-12.00	Tea and Coffee	
12.00-13.15	Contributed Papers Session 1	
	European Union	
Room 1.13 Chair: Grant Davies	<i>Innovation and member commitment in agricultural cooperatives</i>	François Bareille, Sabine S. Duvaleix-Tréguer, Florence Beaugrand, Agrocampus Ouest, France
	<i>Value creation and capturing: the case of the Hungarian agri-food SMEs</i>	Jozsef Toth, Corvinus University of Budapest
	<i>Quality upgrading in the European-Union agri-food exports</i>	Imre Ferto, Tefan Bojnec, Centre for Economic and Regional Studies, Hungarian Academy of Sciences
	Food Economics	
Room 1.15 Chair: C.S. Srinivasan	<i>Demand for diverse diet: evidence from Nigeria</i>	Kehinde A. Odeniyi, Osun State University; Dare Akerele, Federal University of Agriculture, Nigeria
	<i>Food preference segmentation using an AIDS/Mixtures approach</i>	Matthieu H. Arnoult, Ariane Kehlbacher, C. S. Srinivasan, Rachel McCloy, Richard Tiffin, University of Reading
	Sustainable Intensification 1	
Room 0.12 Chair: Paul Wilson	<i>Profiling farm systems according to their sustainable performance: a case study of the Irish livestock sector</i>	Evgenia Micha, Kevin Heanue, Teagasc, Ireland
	<i>Grass utilisation as a driver of efficiency on European dairy farms</i>	Patrick R Gillespie, Fiona Thorne, Thia Hennessy, Stephen Hynes, Cathal O'Donoghue, Teagasc, Ireland
	<i>Towards Sustainable Intensification of cropping systems: analysing reduced tillage practices within a bio-economic modelling framework</i>	Paul Wilson, Toby J. Townsend, Stephen J. Ramsden, University of Nottingham

	Risk Management	
Room 0.14 Chair: Paul Caskie	<i>On smallholder farmers exposure to risk and adaptation mechanisms: Panel Data evidence from Ethiopia</i>	Habtam Ayenew, Getachew Kassa, Johannes Sauer, Technical University Munich
	<i>Modelling the effect of Bt crops introduction on multiple pest population dynamics insecticide use and economic returns to farmers</i>	Rui Catarino, Graziano Ceddia, Francisco Areal, Nicolas Parisey, Julian Park, University of Reading
	<i>The direct impact of risk management tools on farm income: the case of Ireland's spring barley producers</i>	Jason Loughrey, Fiona Thorne, Thia Hennessy, Teagasc, Ireland
13.15-14.15	Lunch	
14.15-15.30	Contributed Papers Session 2	
	Resources: Water and Ecosystem Services	
Room 1.13 Chair: Rob Fraser	<i>Water Quality Assessment: SAM/CGE and satellite accounts integrated framework</i>	Rehab O. M. Osman, Emanuele Ferrari, Scott McDonald, Oxford Brookes University
	<i>Ecosystem services as a catalyst for multinational net welfare maximising trade decisions</i>	Rob W. Fraser, David Cook, Shuang Liu, Robert Costanza, Fernando Milano, University of Kent
	Agricultural Prices	
Room 1.15 Chair: Jozsef Toth	<i>Pricing to market analysis: the case of EU wheat exports</i>	Carmen M. Hubbard, Phil J. Dawson, Matthew J. Gorton, Lionel J. Hubbard, University of Newcastle
	<i>Determinants of horizontal milk producer price integration</i>	Zoltán L. Bakucs, Imre Fertő, Zsófia Benedek, Hungarian Academy of Science
	<i>New potential causes of empirical findings of asymmetry in the vertical price transmission using disaggregated scanner data and reference prices</i>	Said Tifaoui, Stephan von Cramon-Taubadel, Georg August University of Göttingen
	Behavioural Economics	
Room 0.12 Chair: Emma Dillon	<i>Behavioural drivers of the Forestry planting decision</i>	Mary A. Ryan, Cathal O'Donoghue, Teagasc, Ireland
	<i>Nudges, social norms and permanence in agri-environmental schemes</i>	Laure L. Kuhfuss, Nick Hanley, Raphaële Préget, Sophie Thoyer, University of St Andrews
	<i>Measuring farmers perceptions of non-pecuniary benefits: implications for farmers decision-making</i>	Peter Howley, University of York
	Sustainable Intensification 2	
Room 0.14 Chair: Tim Lloyd	<i>The impact of dynamic profit maximisation on biodiversity: a network DEA application to UK cereal farms</i>	Frederic K. G. Ang, Simon Mortimer, Francisco Areal, Richard Tiffin, University of Reading
	<i>Boserup versus Malthus: does population pressure drive agricultural intensification? Evidence from Burundi</i>	Sam Desiere, Marijke D'Haese, Ghent University
15.30-16.00	Tea and Coffee	
16.15-17.00	Plenary Session: Professor Nick Hanley – How to get published	
17.00-18.00	Reception and Posters in the Ramphal Foyer	

19.30 Dinner in the Rootes Building

Tuesday 14th April – AES Conference Day Two

9.00-9.45 LT	Annual General Meeting of the Agricultural Economics Society	
9.45-10.45 LT	Plenary Session and Presidential Address: Professor Brian Revell <i>One man's meat (and milk)</i>	
10.45-11.15	Tea and Coffee	
11.15-12.30	Contributed Papers Session 3	
	Policy and Climate Change	
Room: LT Chair: Wilfrid Legg	<i>The implications of international trade for GHG mitigation policies in agriculture with examples for the European Union</i>	David Blandford, Penn State University; Ivar Gaasland, Erling Vardal, University of Bergen; Katharina Hassapoyannes, European Parliament
	<i>Policy options for GHG mitigation under autarky: a conceptual and empirical analysis for Norway</i>	David Blandford, Penn State University; Ivar Gaasland, Erling Vardal, University of Bergen; Katharina Hassapoyannes, European Parliament
	<i>Bilateral information asymmetry and irreversible practice adoption through agri-environmental policy: an application to peat land retirement in Norway</i>	David Blandford, Wonjoo Cho, Penn State University
	Experiments in Ag Econ	
Room 1.13 Chair: Francisco Areal	<i>How differentiated are animal-friendly foods and organic foods in the eyes of consumers? Evidence from Non-hypothetical Experimental Auctions</i>	Faical Akaichi, Alistair Stott, Cesar Revoredo-Giha, SRUC, Edinburgh
	<i>An experimental approach to testing the competitive storage model</i>	Simone Pfuderer, University of Trento
	<i>What is information worth for an extra quintal of grain?: randomised experimental evidence from farmers in India</i>	Purnima Purohit, Ian Arjunan, Gopal Naik, Basa Han, University of Glasgow
	Markets in Nutrition	
Room 1.15 Chair: Mary Ryan	<i>Post EU Nitrates Directive implementation: an examination of the sustainable use of phosphorus in milk production.</i>	Cathal Buckley, Paul Murphy, David P. Wall, Brian Moran, Stephan O'Neill, Teagasc, Ireland
	<i>Improving vitamin D intake through carbon consumption taxes</i>	Neil G. Chalmers, Cesar Revoredo-Giha, Simon Shackley, University of Edinburgh/SRUC
	<i>Purchasing factors of organic consumers in the metropolitan area of Lima, Peru</i>	Angie Higuchi, Universidad del Pacífico, Peru; Angel Avadí, INRA, UMR SAS
	Market Structures	
Room 0.12 Chair: Carmen Hubbard	<i>Movers and stayers in the farming sector: another look at heterogeneity in structural change</i>	Legrand D. F. Saint-Cyr, Laurent Piet, Agrocampus Ouest, France
	<i>The field: land mobility measures seen through the eyes of Irish farmers</i>	Marija Banovic, Alan Renwick, Mark Keane, Pat Bogue, University College Dublin
	<i>Market size and innovation: an application to the French seed market for large crops</i>	Sylvie Charlot, Stéphane Lemarié, GAEL, INRA - Univ. Grenoble-Alpes; Chokri Dridi, IDP/Université de Valenciennes et du Hainaut

	Dairy	
Room 0.14 Chair: Cathal O'Donoghue	<i>Milk quota and the development of Irish dairy productivity: a Malmquist index using a stochastic frontier approach</i>	Patrick R. Gillespie, Cathal O'Donoghue, Fiona Thorne, Stephen Hynes, Thia Hennessy, Teagasc, Ireland
	<i>Technology adoption in the dairy sector</i>	Doris K. Laepple, Thia Hennessy, Cathal O'Donoghue, Teagasc/University College Dublin
	Sustainable Intensification 3	
Room 1.03 Chair: Ian Hodge	<i>Crop diversification, economic performance and household behaviour evidence from Vietnam</i>	Huy Q. Nguyen, Australian National University
	<i>Loss-making marginal spending on crop Variable Inputs</i>	Mark A. Reader, Ian D. Hodge, Rachel J. Lawrence, Ben G. Lang, University of Cambridge; Cesar Revoredo-Giha, SRUC
	<i>Green economy: a panacea for the devastating effect of climate change on agricultural productivity in southeast Nigeria</i>	Innocent O. Nwaiwu, Donatus M. Ohajianya, Ifeyinwa J. Lem, University of Technology, Owerri, Nigeria
12.30-13.30	Lunch	
13.30-14.30 LT	Plenary Session and Keynote Address: Professor Nick Hanley <i>Improving the design of agri-environment schemes</i>	
14.30-15.30	Discussion Papers 2	
Room 1.13 Chair: Mark Reader	<i>Can smallholder fruit and vegetable production systems improve household food security and nutritional status of women? Evidence from rural Uganda</i>	Nassul S. Kabunga, Shibani Ghosh, Jeffrey K. Griffiths, International Food Policy Research Institute (IFPRI)
	<i>UK Public Health responsibility deals for food: can they nudge consumers towards healthier dietary choices?</i>	Chittur S. Srinivasan, University of Reading
Room 1.15 Chair: James Jones	<i>Breeding and management of dairy cows to increase profit and reduce greenhouse gas emissions</i>	Matthew J. Bell, AFBI, Northern Ireland
	<i>Measuring the degree of integration on the dairy products market in Malawi</i>	Neil Chalmers, Cesar Revoredo-Giha, Charles Jumbe, University of Edinburgh/SRUC
Room 0.12 Chair: Ken Thomson	<i>On the relationship between lifestyle and happiness in the UK</i>	Adelina Gschwandtner, Sarah L. Jewell, Uma Kambhampati, University of Kent
	<i>Political networks in the European Parliament</i>	Attila Kovacs, Imre Ferto, Corvinus University of Budapest
Room 0.14 Chair: Frederic Ang	<i>The impact of access to information on small scale agricultural production: empirical evidence from Uganda</i>	Yakubu Abdul-Salam, Euan C. Phimster, James Hutton Institute
Room 1.03 Chair: Erling Vårdal	<i>The effects of the costs of trade transaction and free trade in the international soy market</i>	Augusto M. Alvim, Maria I. Caetani, PUCRS, Brazil; Carmen Hubbard, University of Newcastle Upon Tyne
	<i>Greenhouse Gas (GHG) mitigation and technology adoption theory: extended grazing as a case study</i>	Robert O'Shea, James Breen, Cathal O'Donoghue, Mary Ryan, David Stead, Teagasc/University College Dublin
Room 1.04 Chair: Simone Pfuderer	<i>The UK public's perceptions on the issue of the dog overpopulation problem and people's willingness to pay (WTP) for a humane stray dog management</i>	Christina Sietou, University of Kent
	<i>Potential impacts of drought tolerant maize in Sub-Saharan Africa: revisited</i>	Genti Kostandini, Tahirou Abdoulaye, Abebe Menkir, Olaf Erenstein, Kai Sonder, Girma Tesfahun Kassie, Peter Setimela, Zhe Guo, University of Georgia
15.30-16.00	Tea and Coffee	

<i>16.00-17.30</i>	Symposia
Symposium 1 Room LT	Sustainable Intensification Metrics and Methodologies using FADN data - Organised by Richard Tiffin, University of Reading; Stephen Ramsden, University of Nottingham
Symposium 2 Room 1.13	Symposia 2: Reconsidering agricultural and rural development in the developing world - Organised by Steve Wiggins, Overseas Development Institute

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

Wednesday 15th April – AES Conference Day Three

09.00-10.15	Contributed Papers Session 4	
	Rural and Urban	
Room LT Chair: Euan Phimister	<i>Energy poverty in the UK: Is there a difference between rural and urban areas?</i>	Deborah J. Roberts, Euan C. Phimster, Esperanza Vera-Toscano, James Hutton Institute,
	<i>A quiet revolution in Asia: rising rural wages</i>	Steve L. Wiggins, Sharada Keats, Overseas Development Institute
	Productivity, Performance, Efficiency	
Room 1.13 Chair: Zoltán Bakucs	<i>Debt and farm performance</i>	Steve D. Langton, Defra Observatory Team
	<i>New estimates of the historical rate of TFP growth in agriculture</i>	David J. Maddison, Katrin Rehdanz, University of Birmingham
	<i>Efficiency analysis and the physical environment: rainfall level as a non-discretionary input in a Data Envelopment Analysis context</i>	Yiorgos Gadanakis, Francisco Areal, University of Reading
	Interventions for sustainable agriculture	
Room 1.15 Chair: Patrick Gillespie	<i>Does zero tillage improve the livelihoods of small and medium holder cropping farmers in the temperate developing world?</i>	Yigezu Atnafe, Tamer El Shater, Colin Piggin, Stephen P.Loss, Atef Haddad, International Center for Agricultural Research in the Dry Areas (ICARDA)
	<i>Estimating farmers' willingness to change tillage practices to supply carbon emissions offsets</i>	Ben Gramig, Purdue University, United States
	<i>Systems Approach to the Economic Impact of Technical Performance in the Sheep Sector</i>	Kevin Kilcline, Stephen Hynes, J.E. Cairnes School of Business & Economics / Teagasc; Cathal O'Donoghue, Thia Hennessy, Teagasc, Ireland
	Policy, Governance and Farm Structure	
Room 0.12 Chair: Berkeley Hill	<i>Greening the CAP: environmental and economic impact in Ireland and UK</i>	Antonio Bubbico, James Breen, Alan Renwick, University College Dublin
	<i>Governance structures for socio-ecological systems</i>	Janet Dwyer, University of Gloucestershire; Ian Hodge, University of Cambridge
	Food Economics 2	
Room 0.14 Chair: Alan Renwick	<i>Healthy competition to support healthy eating? An investigation of fruit and vegetable prices in UK supermarkets</i>	Hao H. Lan, Paul W. Dobson, University of East Anglia
	<i>Consumer attitudes towards attributes of food and the use of digital media and smart technologies to inform and purchase food</i>	Caroline Saunders, Meike Guenther, Peter Tait, Paul Dalziel, Lincoln University, New Zealand.
	<i>Retail food price inflation in the EU: common shocks, different impacts</i>	Tim Lloyd, Wyn Morgan University of Nottingham; Steve McCorrison, University of Exeter
10.15-10.45	Tea and Coffee	
10.45-12.15	Symposia	
Symposium 3 LT	Increasing competitiveness and resilience of the UK arable supply chain - Organised by Carmen Hubbard, University of Newcastle Upon Tyne	
Symposium 4 Room 1.13	Can we bounce back? Resilience in agricultural systems – Organised by Sarah Gardner, Gardner Lobo Associates	
12.15-12.45	Plenary Concluding Session in the Lecture Theatre	
12.45-13.45	Lunch and Depart, 2nd Executive Committee Meeting	

