



**Agricultural Economics Society**

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**86<sup>th</sup> Annual Conference Programme  
2012**

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**Warwick University**

8.30	<b>Executive Meeting</b>	
8.30-10.00	Registration in the Ramphal Foyer	
10.00	<b>Joint AAB and AES meeting: <i>Effective application: exploring synergy between Agricultural Economics and Applied Biology – The Lecture Theatre, Ramphal Building</i></b> Welcome	
10.05	<b>1<sup>st</sup> Joint Session <i>Tools and applications</i></b> 1) Steve Langton (Defra Agricultural Change & Environment Observatory) <i>Contrasting approaches to stochastic models in science and economics</i> 2) David Harvey (University of Newcastle Upon Tyne) <i>Bayesian Belief Networks</i> 3) James Gibbons (University of Bangor) <i>Modelling and valuation of ecosystems</i>	
<b>Chair: Stephen Ramsden</b>		
11.30	<b>Tea /Coffee Break</b>	
11.45	<b>2<sup>nd</sup> Joint Session <i>Natural and Social Science perspectives on disease risk</i></b> 4) Alan Macleod (The Food and Environment Research Agency) <i>Plant disease</i> 5) Alistair Stott (Scottish Agricultural College) <i>Animal disease</i>	
<b>Chair: Simon Scanlon</b>		
12.40	Keynote Address: Tim Benton, BBSRC Global Food Security Champion	
13.15	Lunch	
14.15	<b>3<sup>rd</sup> Joint Session <i>Building systems</i></b> 6) Andy Whitmore (Rothamsted) <i>Delivering Sustainable Systems</i> 7) Thomas Heckelei (University of Bonn) <i>Economics and Applied Biology: the SEAMLESS project and beyond</i>	
<b>Chair: Graham Russell</b>		
15.15	<b>Posters / Tea and Coffee</b>	
<b>Lecture Theatre</b>	<b>86th Annual Conference of the Agricultural Economics Society</b> <i>Recapturing the role of Agricultural Economics</i> Welcome	
16.00	<b>Keynote Address</b> <i>Jo Swinnen, President-elect of the International Association of Agricultural Economists</i>	
17.00	<b>Contributed Paper Session 1</b>	
<b>Room 0.12</b>	<i>The double dividend in Chinese farming: enhancing the environment and increasing farm household welfare</i>	Holger Bergmann; Georg-August-University Daniela Böhm; Georg-August-Universität Göttingen
<b>Recapturing Agricultural Economics</b>	<i>Applying the concept of sustainable intensification within Scottish Agriculture</i>	Andrew Barnes; SAC Chloe Poole; SAC Cesar Revoredo-Giha; SAC
<b>Chair: Bruce Traill</b>	<i>On the Value of Agricultural Biodiversity</i>	Salvatore Di Falco; London School of Economics
<b>Room 1.15</b>	<i>Survival analysis of cereal crop variety innovations in the UK</i>	Chittur Srinivasan; University of Reading Greenwell Matchaya; University of Reading
<b>Agricultural Systems</b>	<i>Linkages between the energy, biofuel and agricultural sectors</i>	Myles Patton; Department of Agricultural Economics, Queens, Belfast Julian Binfield; FAPRI at the University of Missouri - Co John Davis; Dept. of Agric. & Food Econ. Lichun Zhang; AFBI In-Seck Kim; Chonnam National University
<b>Chair: Wilfrid Legg</b>	<i>What multipliers don't tell you: A spatial analysis of farm household linkages</i>	Deborah Roberts; University of Aberdeen

<b>Room 0.14</b>		
<b>Food and Health</b>	<i>The regional price of junk foods relative to healthy foods in the UK: indirect estimation of a monthly time series, 1997-2009</i>	Sara Capacci; University of Bologna Mario Mazzocchi; University of Bologna Bhavani Shankar; School of Oriental and African Studies
<b>Chair: Bob Bansback</b>		
<b>Room 1.03</b>	<i>Efficient greenhouse gas mitigation in rural China</i>	Frank Koslowski; SAC Dominic Moran; SAC
<b>Development</b>	<i>Determinants of livelihood choices amongst Bangladeshi rural households</i>	Sanzidur RAHMAN; School of Geography, Earth and Environment
<b>Chair: Johannes Sauer</b>	<i>Land constraints in Kenya's densely populated rural areas: implications for food policy and institutional reform</i>	Milu Muyanga; Egerton University
<b>Room 1.13</b>	<i>Commodity Price Shocks and Food Price Inflation Across the EU</i>	Wyn Morgan and Tim Lloyd; University of Nottingham
<b>Price Volatility</b>	<i>Imperfectly Competitive Market Intermediaries and the Efficacy of the Special Safeguard Mechanism</i>	Donald MacLaren; University of Melbourne
<b>Chair: Bhavani Shankar</b>	<i>Do domestic food producers in food deficit countries benefit from international trade? Evidence from rice markets in five west African countries</i>	Olaide AKANDE; University. of Agriculture, Makurdi, Nigeria
<b>19.15</b>	<b>Dinner in the Rootes Building Restaurant</b>	

<b>9.00</b>	<b>Annual General Meeting of the Agricultural Economics Society in the Lecture Theatre</b>	
<b>9.45</b>	<b>Coffee/Tea</b>	
<b>10.15</b>	<b>Presidential Address: Professor Bruce Trail (in the Lecture Theatre)</b> <i>Economic perspectives on nutrition policy evaluation</i>	
<b>11.15</b>	<b>Contributed Paper Session 2</b>	
<b>Room 0.12</b> <i>Climate Change</i> <b>Chair: David Blandford</b>	<i>Managing environmental risk in presence of climate change: The role of adaptation in the Nile basin of Ethiopia</i>  <i>Food prices, climate change and food security in Sudan</i>	Salvatore Di Falco; London School of Economics  Maria Sassi, Alberto Cardaci; University of Pavia.
<b>Room 0.14</b> <i>Methodology</i> <b>Chair: Dominic Moran</b>	<i>Attribute Attendance Within a Choice Experiment: A Case Study Employing Attribute Ranks Scores and Survey Mode</i>  <i>What causes asymmetric price transmission in agro-food sector? Meta-analysis perspective</i>  <i>The comparison of investment behaviours of Kazakhstani and German farmers: An experimental approach</i>	Iain Fraser; School of Economics, University of Kent Kelvin Balcombe; Department of Agricultural and Food Economics, University of Reading Michael Bitzios; Kent Business School, University of Kent Janet Haddock-Fraser; Faculty of Social Science, Christchurch University, Canterbury  Zoltan Bakucs; Hungarian Academy of Science Jan Falkowski; University of Warsaw Imre Ferto; Hungarian Academy of Sciences  Dulat Tubetov, Oliver Musshoff, Syster Maart; Georg-August-Universitaet Goettingen
<b>Room 1.13</b> <i>Land, Water and Environment</i> <b>Chair: Noel Russell</b>	<i>Behavioural Change through Agri-Environmental Policies? - A Directional Distance Function based Matching Approach</i>  <i>Design of optimum private insurance schemes as a means to reduce water overexploitation during drought events. A case study in Campo de Cartagena (Segura River Basin, Spain)</i>  <i>The Farmland Rental Market Price and the Marginal Return to Land in the French FADN Data Base</i>	Johannes Sauer; University of Kiel John Walsh; DEFRA David Zilberman; UC Berkeley  Carlos Dionisio Perez Blanco; Madrid Institute for Advanced Studies Carlos Mario Gomez Gomez; Imdea-Water  Pierre Dupraz, Chalachew Temesgen; INRA
<b>Room 1.15</b> <i>Transition Economies</i> <b>Chair: Sophia Davidova</b>	<i>Contracts in Hungarian food chains</i>  <i>Estimating technical efficiency under unobserved heterogeneity in Hungarian Dairy sector</i>  <i>Does the Law of one Price hold after all?</i>	Imre Fertő, Jozsef Toth, Aron Torok; Corvinus University of Budapest  Lajos Barath, Imre Ferto; Hungarian Academy of Sciences  Zoltan Bakucs, Imre Ferto; Hungarian Academy of Sciences Jan Falkowski; University of Warsaw
<b>Room 1.03</b> <i>Supply Chains in Africa and Indonesia</i> <b>Chair: Chittur Srinivasan</b>	<i>Transaction costs, information technologies, and the choice of marketplace amongst farmers in northern Ghana</i>  <i>The Contribution of Agricultural Economics to Price Transmission Analysis and Market Policy in Sub-Sahara Africa: What Does the Literature Say?</i>  <i>Heterogeneous Impact of the 'Rice for the Poor' Program in Indonesia</i>	Giacomo Zanello; University of Reading Bhavani Shankar; School of Oriental and African Studies Chittur Srinivasan; University of Reading  Joseph Amikuzuno; University for Development Studies, Gottingen Kolawole Ogundari; Georg-Forster Post-Doctoral Researcher (AvH); University of Kiel  Evita Pangaribowo; ZEF, University of Bonn
<b>12.30</b>	<b>Lunch</b>	

<b>13.30</b>	<b>Contributed Paper Session 3</b>	
<b>Room 1.03</b>	<i>The question is not what to conserve, but how to conserve</i>	Eirik Romstad; Norwegian University of Life Sciences Grete Stokstad; Norwegian Forest and Landscape Institute
<b>Natural Resources</b>	<i>Environmental performance and offsetting behaviour: Moral self-licensing in consumer choice</i>	Luca Panzone, Ada Wossink, Dale Southerton; University of Manchester
<b>Chair: Peter Midmore</b>	<i>The Determinants of Compliance on Environmental Tax: The Insights of Theoretical and Experimental Approaches Motivated by the Case of Indonesia</i>	Deden Iskandar, Anik Badhuri, Tobias Wünscher; Centre for Development Research (ZEF)
<b>Room 0.12</b>	<i>The economic impacts of the 2006 reform of the EU Sugar Regime</i>	Alan Renwick, Cesar Revoredo-Giha; SAC George Philippidis; Centro de Investigación y Tecnología Agroalimentaria de Aragón Mark Reader, Ben Lang; University of Cambridge
<b>Policy</b>	<i>What would farmers' strategies be in a no-CAP situation? An illustration to France</i>	Laure Latruffe, Aurélie Dupuy, Yann Desjeux; INRA
<b>Chair: Wyn Morgan</b>	<i>New Wine in Old Bottles? The evolving nature of the CAP reform debate in Europe, 2010-11, and prospects for the future.</i>	Janet Dwyer; University of Gloucestershire
<b>Room 1.13</b>	<i>Adoption of desirable nutrient management practices by farmers.</i>	Cathal Buckley; Teagasc
<b>Productivity and Efficiency</b>	<i>Estimating the Elasticity of Demand and the Production Response for Nitrogen Fertiliser on Irish Farms</i>	James Breen; UCD, Daragh Clancy; Central Bank of Ireland, Trevor Donnellan, Kevin Hanrahan; Teagasc
<b>Chair: Deborah Roberts</b>	<i>Land fragmentation, market integration and farm efficiency: Empirical evidence from Kosovo</i>	Johannes Sauer; University of Kiel, Sophia Davidova; University of Kent, Matthew Gorton; Newcastle University
<b>Room 1.15</b>	<i>Landscape Valuation: Choice Experiments or Contingent Valuation?</i>	Diane Burgess, Graham Finney, David Matthews; AFBI Myles Patton; Department of Agricultural Economics, Queens, Belfast
<b>Valuation of Ecosystem Services</b>	<i>Evaluating conservation auctions with unknown bidder costs: the Scottish fishing vessel decommissioning programme</i>	Uwe Latacz-Lohmann; University of Kiel Steven Schilizzi; University of Western Australia
<b>Chair: Tim Lloyd</b>	<i>Efficient Procurement of Ecosystem Services – Adverse versus Beneficial Selection</i>	Noel Russell; University of Manchester Johannes Sauer; University of Kiel
<b>Room 0.14</b>	<i>Investigating factors that influence 'consumer' choice when adopting a shelter dog</i>	Christina Sietou, Iain Fraser, Robert Fraser; University of Kent
<b>Animal Health</b>	<i>Is High(er) Farm Animal Welfare a Public Good? Upgrading Animal Welfare Standards and their Supply Chain Consequences</i>	David Harvey, Carmen Hubbard; Newcastle University
<b>Chair: Alistair Stott</b>	<i>Assessing the economic costs of a Foot and Mouth Disease outbreak on Brittany: A dynamic computable general equilibrium analysis</i>	Arnaud Rault; INRA
<b>14.45</b>	<b>Posters: Ramphal Atrium (Tea and Coffee)</b>	
<b>15.30</b>	<b>Symposia 1 and 2</b>	
<b>Lecture Theatre</b>	Food Health 1: <i>Fiscal and physical interventions to promote healthy eating</i> (Organised by Richard Tiffin)	
<b>Room 1.12</b>	<i>Developments in economic analysis at the Agricultural and Horticultural Development Board</i> (Organised by Michael Archer and Richard Veit)	
<b>17.00</b>	<b>Shorter Contributed Paper Sessions</b>	
<b>Room 1.03</b>	<i>Intra-household Power: the Role of Women's Share of Assets and Social Capital on Food and Non-Food Expenditures</i>	Evita Pangaribowo; ZEF, University of Bonn
<b>Farm household behaviour</b>	<i>Non-farm work and its impact on technical efficiency of rice production in Sri Lanka</i>	Huaiyu Wang; International Rice Research Institute
<b>Chair: Janet Dwyer</b>	<i>Multifunctionality of agriculture in Scotland – clustering society and understanding society's perception of the concept</i>	Jan Schwarze, Holger Bergmann; Georg-August-University of Göttingen
	<i>Explaining the 'apparent' irrationality of farm forestry behaviour</i>	Peter Howley; Teagasc

<b>Room 1.15</b>	<i>Climate change, adaptation measures and the determinants among food crops farmers in south east Nigeria.</i>	Donatus Ohajianya, Maryann Osuji; Federal University Of Technology, Nigeria
<b>Climate Change</b>	<i>Are there cultural differences in addressing climate change through energy reduction schemes?</i>	Jane Glover; Loughborough University
<b>Chair: Olaide Akande</b>	<i>Impact of Climate Change Perception on Agricultural Productivity in Ebonyi State, Nigeria: The Ricardian Approach</i>	Okpani Oti; University of Nigeria, Nsukka
<b>Room 1.13</b>	<i>Why do some farmers choose unpopular varieties? A study of adoption of wheat varieties in Uttar Pradesh, India</i>	Linda Kleemann; Kiel Institute for the World Economy
<b>Food Security</b>	<i>Market Oriented Extension Services to Increase Food Security among Farming Communities in Sri Lanka</i>	Kumudu Perera; University of Peradeniya
<b>Chair: Stephen Ramsden</b>	<i>An economic analysis of rural tank rehabilitation in Tiruvannamalai district of Tamil Nadu, India</i>	Anuradha Baskaran
<b>Room 0.14</b>	<i>Changes in Hungarian Agri-Food Trade with EU15 after Accession</i>	Atilla Jambor; Corvinus University, Budapest
<b>Adapting to Economic Change</b>	<i>Food SMEs' innovation profile – the Hungarian case</i>	Jozsef Toth, Aron Torok; Corvinus University of Budapest
<b>Chair: Imre Fertó</b>	<i>The Distributive Impact of the Economic Recession on Farm Households in Ireland</i>	Cathal O'Donoghue; Teagasc
	<i>Training and Skills in the Agri-food and Drinks Sector: Findings from a Survey of Agri-food and Drinks Companies in Northern Ireland</i>	Claire Jack, Duncan Anderson, Niamh Connolly; AFBI
<b>19.15</b>	<b>Conference Dinner, preceded by drinks reception in the bar</b>	

<b>08.45</b>	<b>Contributed Paper Session 4</b>	
<b>Room 1.15</b> <i>Development</i>  <b>Chair:</b> <b>Ken Thomson</b>	<i>World and Bangladesh Rice Market Integration: An Application of Threshold Cointegration and Threshold Vector Error Correction Model</i>	Mohammad Jahangir Alam Ismat Ara Begum
	<i>Investigating Livelihood Security in Poor Settlements in Bangladesh</i>	Shaheen Akter
	<i>Determinants of Food Security in Kenya, a Gender Perspective</i>	Menale Kassie; International Maize and Wheat Improvement Center Simon Ndiritu; University of Gothenburg Bekele Shiferaw; CIMMYT
<b>Room 0.12</b> <i>Policy</i>  <b>Chair:</b> <b>James Jones</b>	<i>Creating and sustaining biofuels markets: a comparative analysis of policy capacity in the EU, US and Brazil</i>	Robert Ackrill; Nottingham Trent University Adrian Kay; Australian National University
	<i>Still time and need for a more principled CAP</i>	David Harvey; Newcastle University Atilla Jambor; Corvinus University, Budapest
	<i>From energy efficiency measurement to energy policies in the agricultural sector</i>	Elsa Martin; CESAER UMR AgroSup Dijon INRA
<b>Room 0.14</b> <i>Trade</i>  <b>Chair:</b> <b>Zoltan Bakucs</b>	<i>Do preferential trade agreements increase members' agri-food trade?</i>	Zahoor ul Haq; Abdul Wali Khan University Mardan Pakistan Karl Meilke; University of Guelph David Orden; International Food Policy Research Institute
	<i>Is there a Dutch Disease across Canadian Provinces?</i>	Ellissaios Papyrakis; University of East Anglia Ohad Raveh; Hebrew University
	<i>The EU-Canada Free Trade Agreement: What is on the Table for Agriculture?</i>	William Kerr; University of Saskatchewan
<b>Room 1.13</b> <i>Risk Management</i>  <b>Chair:</b> <b>Ben Lang</b>	<i>Price Insurance, Moral Hazard and Agri-environmental Policy</i>	Robert Fraser; University of Kent
	<i>Does Futures Speculation Destabilize Spot Prices? New Evidence for Commodity Markets</i>	Patrick Stephan; University of Muenster
	<i>Microfinance for Agricultural Firms - Credit Access and Loan Repayment in Tanzania</i>	Oliver Musshoff; Georg-August-Universitaet Goettingen Ron Weber; Georg-August Universitaet Goettingen
<b>10.00</b>	<b>Coffee/Tea</b>	
<b>10.15</b>	<b>Symposia 3 and 4</b>	
<b>Lecture Theatre</b>  <b>Room 0.14</b>	<i>Food Health 2: Evaluations of policy interventions to promote healthy eating in the EU: examples from the 'Eatwell' Project</i> (Organised by Bruce Traill)	
	<i>Climate mitigation policies for agriculture – analytical issues and examples from Norway</i> (Organised by David Blandford)	
<b>11.45</b>	<b>Contributed Paper Session 5</b>	
<b>Room 0.12</b> <i>Demand Studies</i>  <b>Chair:</b> <b>Stephen Ramsden</b>	<i>Food Quality Verifications and Consumer Trust</i>	Jill Hobbs; University of Saskatchewan
	<i>Consumers' Preferences for Functional Dairy Products in Germany: Are Consumers' Willingness-To-Pay Estimates Affected by Starting Point Bias?</i>	Kai-Brit Bechtold; University of Kiel Awudu Abdulai; University of Kiel
	<i>Impact of Aggregation on a Demand System: The Case of Quality of Peas in the UK</i>	Andres Silva; University of Kent Mohamud Hussein; Food and Environment Research Agency
<b>Room 1.13</b> <i>China</i>  <b>Chair:</b> <b>Alan Renwick</b>	<i>Regional Differences and Dynamic Changes in Rural China: the comparison study of 1997 and 2006 National Agricultural Census</i>	Peng Bin; University of Bologna Roberto Fanfani; University of Bologna
	<i>Reforms, Incentives, Welfare, and Productivity Growth in Chinese Wheat Production</i>	Sheikh Selim; Cardiff University
	<i>Vegetable farmers' willingness to adopt bio pesticides: the case in Cangshan County, Shandong Province, China</i>	Linhai Wu; Jiangsu Province Research Base of Food Safety

<b>Room 1.15</b>  <b>Climate, Global Warming and Drought</b>  <b>Chair:</b> <b>Robert Fraser</b>	<i>Farmers' Vulnerability to Climate Change in Ethiopia</i>	Xavier Vollenweider; LSE
	<i>Controlling greenhouse gas emissions in Spain: What are the costs for agricultural sectors?</i>	Jack Childs, Michael Bourne, George Philippidis; CITA
	<i>Do drought contingency plans really reduce drought risk? A Risk Assessment Model for the Segura River Basin</i>	Carlos Mario Gomez Gomez; Imdea-Water Carlos Dionisio Perez Blanco; Madrid Institute for Advanced Studies
<b>Room 0.04</b>  <b>Food and Trade</b>  <b>Chair:</b> <b>Stuart Platt</b>	<i>An application of fuzzy multi-criteria decision aid to the impact assessment of food safety policy: alternative EU regulations on dioxins</i>	Maddalena Ragona, Mario Mazzocchi; University of Bologna Martin Rose; The Food and Environment Research Agency
	<i>A structural equation modelling approach towards Halal meat consumption behaviour, the case of Muslim immigrants in Spain.</i>	Said Tifaoui; CREDA Montserrat Costa Font; CREDA-UPC-IRTA José Gil; Centre de Recerca en Economia i Desenvol
<b>13.00</b>	<b>Lunch and Depart, 2<sup>nd</sup> Executive Committee Meeting</b>	