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AARES

Australian Agricultural and Resource Economics Society, Inc.

AARES Conference 2005

**49th AARES Conference
Coffs Harbour, NSW, 9-11 February 2005**

Plenary and Invited Papers

Below is a list of invited papers which are available on the [AgEcon Search](#) website.

Opening Plenary

Wendy Craik, *Murray-Darling Basin Commission*

Water policy challenges in the Murray-Darling Basin

Presidential Address

Jeff Bennett, *Australian National University*

Australian Environmental Economics: Contributions, conflicts and cop-outs

Distinguished Fellows Address

John Antle, *Montana State University, USA*

Modelling agriculture-environment interactions in production systems

Invited Speaker Session on "Market Power in the Food Chain"

Ron Cotterill, *University of Connecticut, USA*

Antitrust analysis of supermarket retailing: common global concerns that play out in local markets

Rhonda Smith, *University of Melbourne*

The Australian grocery industry: a competition perspective

David Round, *University of South Australia*

Discussant

Invited Speaker Session on "Non-Tariff Trade Barriers"

Kym Anderson, <i>World Bank</i>	Biotechnology, international trade and policy
Tim Josling, <i>Stanford University, USA</i>	Geographic indicators, international trade and policy
Alan Swinbank, <i>University of Reading, UK</i>	<i>Discussant</i>

Invited Speaker Session on "State-Contingent Technologies"

John Quiggin, <i>University of Queensland</i>	Production under uncertainty: the state-contingent approach
Chris O'Donnell, <i>University of Queensland</i>	Estimating state-contingent production frontiers
Ron Mittelhammer, <i>Washington State University, USA</i>	<i>Discussant</i>

Invited Speaker Session on "Experimental Economics"

Charlie Plott, <i>California Institute of Technology</i>	New technologies to deal with old problems: An example from aquaculture
Vivek Chaudhri, <i>Monash University</i>	<i>Discussant</i>

Contributed Papers

Below is a list of contributed papers (in alphabetical order by authors surname), with links to those available online (in PDF format unless otherwise noted).

Ali Abdalla and Terry Sheales	Approximating supply response of a commodity with limited input data: The case of Australian bananas
David Adamson, John Quiggin, and Thilak Mallawaarachichi	Modelling basin level allocation of water in the Murray Darling Basin in a world of Uncertainty
Khorshed Alam	Valuing the environment in developing countries: Problems and potentials
Parakrama Aluwihare, Randall Jones, and Rebecca Letcher	The farm level impacts of water sharing plans in the Namoi Valley: A stochastic dynamic programming analysis
Tihomir Ancev and Inakwu Odeh	Use of Spatially Referenced Data in Agricultural Economics Research
George Antony, Z. Jiao, and Frank Sestak	Industry Transition and Sugarcane Famr Households in Maryborough
Walter J. Armbruster and William T. Coyle	Transportation infrastructure and the Asia-Pacific food system
Shaun Awatere	Can non-market valuation measure indigenous knowledge?
Rodney Beard and Stuart McDonald	Dynamic Recontracting of Water Rights

Stephen Beare and Jonathan Newby	Incomplete markets, excluded goods and natural resource management
Donna Brennan	Modelling agricultural supply response in Vietnam using a GIS and positive mathematical programming
John P. Brennan, Ata Rehman, Harsh Raman, Andrew W. Milgate, Denise Fleming, and Peter J. Martin	An economic assessment of the value of molecular markers in plant breeding programs
Michael P. Cameron, John Gibson, Kent Helmers, Steven Lim, Frank Scrimgeour, John Tressler, and Kien Vaddanak	Value of Life and Measuring the Benefits of Landmine Clearance in Cambodia
Kay Cao, John Gibson, and Frank G. Scrimgeour	An Experimental Approach to Estimating Willingness-to-Pay for Improvements in Food Safety (Campylobacter in Chicken Products)
Diana Chalil and Fredoun Ahmadi-Esfahani	Modelling market power in the Indonesian palm oil industry
Adam Chambers, Melissa Bright, and Giles Forward	Wind Erosion in SA - An Economic perspective
Ming Ming Chan, Qun Shi, and Rod Tyers	Global Demographic Change and Economic Performance: Implications for Agricultural Markets
Yaovarate Chaovanapoonphol, George E. Battese, and Hui-Shung (Christie) Chang	The Impact of Rural Financial Services on the Technical Efficiency of Rice Farmers in the Upper North of Thailand
Amy Cheung and Tihomir Ancev	Economics of Weather Risk Management Using Climate Prediction Models
Anne Cole and Jane Harris	Rising interest in credence qualities in agricultural products and the role for government
Kristy Dalton, James McKee, Warwick Moss, and Lyn Pullen	From devolved grants... to babysitting. Broadening the horizon of incentives
Tim Davis and Fredoun Ahmadi-Esfahani	Hedonic Modelling for Australian Wine
Israel del Mundo and Ian Wills	The Economics of the Mandatory Renewable Energy Target (MRET)
Graeme Doole and Robert Alexander	Importance of user cost to the optimal management of multiple-cohort fish populations
Brenda Dyack, Jeff Connor, and Darla Hatton MacDonald	Screening options and setting priorities for River Murray floodplains
Miriam East	Issues of Geographical Basis Risk in Weather Derivatives for Australian Wheat Farmers
Geoff Edwards	Demand Management for Melbourne's Water
Bob Farquharson, Oscar Cacho, and John Mullen	An economic approach to soil fertility management for wheat production in New South Wales and Queensland
Alberto Gabriele and David Vanzetti	Long Black: Surviving the coffee crisis
Tesfaye Gebremedhin and	Prices and poverty in urban Ethiopia

Stephen Whelan

Emily Gray and Fredoun Ahmadi-Esfahani	Simulating Economic Values of a Genetic Improvement Program for Australian Farmed Saltwater Crocodiles
Romy Greiner, Silva Larson, Alexander Herr, and Victor Bligh	Wellbeing of traditional owners: conceptual and methodological approach
Arthur Ha, Gary Stoneham, Jane Harris, Bill Fisher, and Loris Strappazon	Incentives, information and drought policy
J. Brian Hardaker and Gudbrand Lien	Towards some principles for good practice for decision analysis in agriculture
Nazrul Islam	Economy-wide impact of a decline in live-sheep exports: a CGE analysis
Nazrul Islam and Mohammad Quaddus	An appraisal of uncertainties in the Western Australian wine industry supply chain
Randall Jones	Sustainability and integrated weed management in Australian winter cropping systems: a bioeconomic analysis
William Kaye-Blake, Caroline Saunders, and John Fairweather	Optimal uptake of second-generation genetically-modified crops
Hanho Kim and Jae-Kyung Kim	Estimation of the Knowledge Spillover Effects Between Firms in Bio-Related Industries
Emma Kopke, Ross Kingwell, and John Young	A farm-level economic assessment of the Australian Merino, Dohne Merino, and South African Meat Merino sheep breeds in southern Australia
Daniel McDonald, Roneel Nair, Gil Rodriguez, and Benjamin Buetre	Trade flows between Australia and China: An opportunity for a free trade agreement
Dragan Miljkovic and Hyun J. Jin	Import Demand for Quality in Japanese Beef Markets
Ian Morrison	Enrolment Trends in Canadian Faculties of Agriculture
Mark Morrison	Identifying Market Segments for Technology Adoption
Mark Neal, Ross Drynan, Bill Fulkerson, Gil Levy, Meryl Wastney, Elizabeth Post, Bruce Thorrold, Chris Palliser, Pierre Beukes, and Chris Folkers	Optimisation of a whole farm model
Eric Omuru and Ross Kingwell	Funding and Managing Agricultural Research in a Developing Country: a Papua New Guinea case study
David J. Pannell	Some issues of confusion or controversy in microeconomics (HTML)
Greg Parkinson, Stephen Corcoran, and Richard Rawnsley	Evaluating logistics chain technology - Australian farmgate to port
Liz Petersen, Caroline Lever, Steven Schilizzi, and Greg Hertzler	Developing Sustainable Aquaculture Systems in Vietnam
Liz Petersen, Geoff Muldoon,	Finding Nemo: Estimating Import Demand for Live Reef Food Fish

and Bill Johnston

M. Ejaz Qureshi, Jeff Connor, Mac Kirby, and Mohammed Mainuddin	Integrated assessment and management of stochastic water resources in the Murray Darling Basin
Glenn Ronan, Evelyn Sinnadurai, and Philip Taylor	Towards a Template for Benchmarking the International Competitiveness of Australia's Agri-Food Industries PDF Paper 1 PDF Paper 2
Caroline Saunders and Martin Emanuelsson	Modelling the implications for New Zealand trade and producer returns from different scenarios relating to the demand and supply of organic products
Steven Schilizzi and Uwe Latacz-Lohmann	Can a simple model predict complex bidding behaviour? Repeated multi-unit conservation auctions
Luke T. Silvester and David T. Vere	Economic Evaluations of Production Technologies in the Australian Sheep Industry
Phil Simmons	Perspectives on the 2003 and 2004 Avian Influenza Outbreak in Bali & Lombok
Yuki Takatsuka, Ross Cullen, Matthew Wilson, and Steve Wratten	Using Choice Modeling to Value Ecosystem Services on Arable Land
Peter R. Tozer	Depreciation Rates for Australian Tractors and Headers - Is Machinery Depreciation a Fixed or Variable Cost?
Lindsay N. Trapnell, Kieran P. Ransom, Jeff R. Hirth, Riad Naji, Tim S.R. Clune, Michael C. Crawford, Ron H. Harris, James Whale, and K.F. Wilson	Net Benefits from Investing in Lucerne (<i>Medicago sativa</i>) Phase Farming Systems in the Mixed Farming Zone of Northern Victoria
Tessie Tumaneng-Diete, Ashley Page, and Jim Binney	Assessing the economic values of exotic invasive plants on areas of conservation significance in Queensland
Georgina Usher and Jeff Bennett	Private Sector Conservation Enterprises in Australia
Tyron J. Venn	Commercial Forestry: An Economic Development Opportunity Consistent with the Property Rights of Wik People to Natural Resources
George Verikios	A model of the world wool market
Renato Villano, Marilou Lucas, and Sushil Pandey	An analysis of scope economics and technical efficiency in intensive rainfed lowland rice-based cropping systems in northwest Luzon, Phillipines
Peter Warr	Food policy and poverty: A general equilibrium analysis for Indonesia
Jill Windle, John Rolfe, Stuart Whitten, Khorshed Alam, and Deborah Street	Using choice modelling to establish the supply of riparian services and the potential for a water quality trading scheme in central Queensland
Jill Windle, John Rolfe, Stuart Whitten, and Juliana McCosker	A competitive bidding process with landholder cooperation for landscape linkage
Mitoshi Yamaguchi and M.S. SriGowri Sanker	Growth Accounting for Sri Lanka's Agriculture with special reference to Fertilizer and Non-Agriculture Prices: Does Policy Reforms Affect Agriculture Development?

Pre-conference Workshops

Salinity

Speakers:

Graeme J. Doole and David J. Pannell, *University of Western Australia*

Optimal Land Management with Multiple Crops

Helena Clayton, *University of Western Australia*

Market incentives for biodiversity conservation in a saline-affected landscape: farmer response and feedback

Tennille Graham, *University of Western Australia*

Market incentives for biodiversity conservation in a saline-affected landscape: farmer response and feedback

Shamsuzzaman Bhuiyan, *University of Western Australia*

Policy Options for Dryland Salinity Management: An Agent-Based Model for Catchment Level Analysis

Sallyann Harvey, *University of Western Australia*

Using contracts to mitigate salinity: an analysis of voluntary cost-sharing agreements

Charlotte Duke and Lata Gangadharan, *University of Melbourne*

Regulation in Environmental Markets: What can we learn from Experiments to Reduce Salinity?

Trade Policy Reform and Agriculture: Prospects, Strategies, Implications

Speakers:

Ralf Peters and David Vanzetti, *UNCTAD*

Shifting sands: Searching for a compromise on the WTO negotiations on agriculture