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## 35TH ANNUAL CONFERENCE

AUSTRALIAN AGRICULTURAL ECONOMICS SOCIETY  
THE UNIVERSITY OF NEW ENGLAND, ARMIDALE  
FEBRUARY 1991

### *Presidential address*

Chisholm, A. H. (La Trobe University), 'A sustainability story'.

### *Opening plenary session*

Stanley, J. (Iowa State University), 'Modelling, regulation and policy reform'.

### *Closing plenary session*

Smith, V. K. (North Carolina State University), 'Is non-market valuation of environmental resources sustainable'.

### *Invited papers*

Alston, J. and Chalfant, J. (University of California at Davis), 'Accounting for changes in demand'.

Athukorala, P. (La Trobe University), 'Trade and exchange rate policies, and agricultural exports in developing Asian countries: a survey of the issues with new empirical evidence'.

Bardsley, P. (DARA and La Trobe University), 'Rational expectations, speculative attack, and the wool reserve price scheme'.

Doran, H. (University of New England), 'Testing non-nested models'.

Hertel, T. (Purdue University and Melbourne University), 'The fate of agriculture under trade liberalisation: challenging conventional conclusions'.

La France, J. and Smith, V. (University of Arizona at Tucson and Montana State University), 'The folly of price supports as stabilisation policies'.

O'Mara, P. (Aust. Bureau of Agricultural and Resource Economics), 'Some implications of microeconomic reform for the macroeconomy and the commodities sector'.

Sturgess, I. (Cambridge University), 'The future of the common agricultural policy of the European community'.

Warr, P. and Coxhead, I. (Australian National University), 'Welfare and poverty effects of technical change: a general equilibrium analysis for Philippine agriculture'.

### *Contributed papers*

Ahmadi-Esfahani, F., 'An economic analysis of factors influencing the growth of Australian wheat exports'.

Ahmed, A. and Kennedy, J. O. S., 'The effect of credit liberalisation on small farm households: the case of Bangladesh'.



- Alauddin, M. and Tisdell, C., 'The Ishikawa Curve, agricultural productivity, labour intensity and employment; the curve's implications and applicability for Bangladesh'.
- Balisacan, A. M., 'Agricultural growth, economic environment, and rural poverty in the Philippines'.
- Bantilan, M. C. and Davis, J. S., 'Probability of success in agricultural research evaluation'.
- Bantilan, M. C. and Davis, J. S., 'Opportunity costs in a multi-product production environment and across commodity spillover effects of research'.
- Barton, J., Hertzler, G. and Hassam, R. M., 'Deforestation and the external costs imposed on agriculture in Sudan'.
- Batterham, R. L., Mikosza, T. and Ockwell, A. P., 'Coal transportation in New South Wales: a programming analysis of road and rail options'.
- Battese, G. E., 'Frontier production functions and efficiency issues: a review'.
- Bennett, J., 'Wage flexibility in the New South Wales and United States coal industries'.
- Briggs, D. W., 'Drought policy revisited: a critique of the Drought Policy Review Task Force report'.
- Byombalirwa, E., 'Spatial equilibrium modelling of trade in quasi-homogeneous commodities: the case of wool'.
- Chadee, D. D. and Guthrie, J., 'World trade reforms and implications for dairy exports'.
- Conboy, P. and Goddard, E. W., 'Optimal international promotional expenditure — the case of differentiated vs non-differentiated products'.
- Daramola, G. and Salua, M., 'The supply of agricultural research personnel in selected countries: an application of transfer-function modelling'.
- Davis, J. S., 'Spillover effects of agricultural research: importance for research policy and incorporation in research evaluation models'.
- Davis, J. S. and Bantilan, M. C., 'Agricultural production response and cost structures: cost reduction and output increasing linkages due to research'.
- De Saram, Z., 'Impact of negotiable quotas on the New South Wales dairy industry — a farm level perspective'.
- Dumsday, R. G., Jakobsson, K. and Ransome, S., 'Applying contingent valuation estimates to state-wide assessment of a proposal to protect river segments in Victoria'.
- Dumsday, R. G., Nolan, J. and Kennedy, J. O. S., 'Do dynamic programming models improve decision-making on the conjunctive use of surface and groundwater resources? An application to Geelong's water supply system'.
- Farquharson, R., 'An ex-ante economic assessment at the farm level of a new beef production technology'.
- Fearn, M. and Davis, J. S., 'Evaluation of fisheries research: an application to support international decision-making'.
- Field, H., 'The implication of German reunification for EC decision making and the CAP'.

- Field, H., 'The environmental costs of the CAP'.
- Flavel, N., 'Conservation in progress: a land manager survey'.
- Galapitige, D. C., 'An economic analysis of multiple use management of mountain ash stands in Victoria for timber and water production'.
- Gibbard, P. and Tyers, R., 'The distributional incidence of commodity price stabilization in an open economy'.
- Gill, R. A., 'The applicability of the economics surplus model to the valuation of honeybee pollination benefits'.
- Godden, D., 'Government, public servants, interest groups and the public'.
- Godyn, D. and Muir, A., 'Farm cheque — developing a record keeping system in New South Wales'.
- Gomboso, J., 'A hydrological-economic modelling approach to dryland salinity in Western Australia'.
- Gorddard, B., 'The adoption of minimum tillage in the Western Australian wheatbelt'.
- Gow, J. and Kaine, G., 'Agricultural policy in action or inaction? The case of the Vine Pull Scheme'.
- Griffith, G. R. and Scott, B., 'Canadian pork imports — feasibility and potential impacts'.
- Gross, R., Kneebone, V. and Luke, R., 'Returns from the acceleration of agricultural research'.
- Gunawardana, P. J. and Oczkowski, E. A., 'Government policies and supply response in the paddy sector of Sri Lanka'.
- Hall, N., Mallawaarachchi, T. and Batterham, R. L., 'The market for irrigation water: a modelling approach'.
- Halverson, P. B., Weber, J. A. and Lynch, R., 'Using markets to allocate water: implications for New Zealand farmers'.
- Hardaker, J. B., 'The effects of commercialisation of agriculture on human nutrition: analytical issues from a PNG case study'.
- Hardaker, J. B., Patten, L. and Pandey, S., 'Farming systems planning under uncertainty: mathematical programming and stochastic efficiency analysis'.
- Hardman, J. R. P., 'Vapour heat treatment of Queensland mangoes for export: an economic feasibility study'.
- Hariato and Quilkey, J., 'Retail pricing in Jakarta — an exploration'.
- Havrila, A. and March, A. M. J., 'Pesticide regulations — measuring welfare costs with marginal analysis'.
- Hertel, T., Peterson, E. B. and Tsigas, M. E., 'Adding value to existing models of international agricultural trade'.
- Hertzler, G., 'Dynamic decisions under risk: applications of ITO stochastic control in agriculture'.
- Hogan, L. and Sterland, B., 'Inflation, monetary policy and Australia's primary industries'.
- Hyberg, S. and Hall, N., 'Effects of land degradation on farm output: an exploration analysis'.
- Hyberg, S., Hall, N. and Abt, R., 'Using partial principal components analysis to provide better tests of models with colinear data'.



- Jia, Y. X. and Wan, G. H., 'Isolating and measuring technical progress and scale effects: an alternative approach'.
- Johnson, R. M. W., 'Some issues in risk analysis at the farm level'.
- Jones, R., 'The farm level benefits of an annual water transfer scheme in the Murrumbidgee irrigation area'.
- Jones, R., Musgrave, W. and Bryant, M., 'Optimal irrigation water supply reliability in the Murrumbidgee valley'.
- Kennedy, J. O. S. and Pasternak, H., 'Optimal Australian and Japanese harvesting of southern bluefin tuna'.
- Keyworth, S. W. and Zaal, D. A., 'Kerang Lakes irrigation area: impact of irrigation water quality ( $EC_w$ ) on agricultural sector gross margin'.
- Kingwell, R., Pannell, D. and Robinson, S., 'Climatic risk and the value of information'.
- Leslie, D. G. and Lynn, F. L., 'The economics of salinity control in the Shepparton region of northern Victoria'.
- Leu, M., 'Apparel trade flow effects of phasing out the multi-fibre arrangement: implications for demand for Australian wool'.
- MacLaren, D., 'Agriculture in the Uruguay round: a perspective from the political economy of protectionism'.
- Males, W. P., O'Mara, L. P. and Bakalor, J. A., 'The effects of the macro-economy of underwriting'.
- Mallawaarchchi, T. and Hall, N., 'Investment in water saving technology on horticultural farms'.
- Marshall, G. and Jones, R., 'Economics of laser-landforming for rice farming in the Murrumbidgee irrigation area'.
- McCutcheon, M. L. and Goddard, E. W., 'Optimal social payoff from general advertising — the case of the Canadian supply managed egg sector'.
- Messenger, A. and Jarratt, I., 'Brand premiums and discounts for imported beef sold at wholesale auctions in Japan'.
- Morris, K. G., Mullen, J. D., Griffith, G. R. and Wohlgenant, M. K., 'A two sector substitution model for evaluating pig industry research and development and promotion'.
- Nosworthy, P. J. and Batterham, R. L., 'An economic evaluation of the possible strategies for the control of sheep body lice in New South Wales'.
- Page, J. R. and Walsh, P. A., 'A simple procedure for the economic evaluation of crop research proposals'.
- Pannell, D. and Kingwell, R., 'Farm level responses to lower wool prices under risk aversion'.
- Parrilla, N., O'Brien, G. and Quilkey, J., 'Cluster analysis of up-land farming practices in the Philippines'.
- Pradhan, J. and Quilkey, J., 'Farm household models in developing countries'.
- Rae, A., 'Interactions between feeds and livestock policies: the ASEAN experience'.
- Reilly, T. L., 'An evaluation of the New South Wales kiwifruit marketing order'.
- Rodriguez, G., Gunasekera, D. and Martin, W., 'A general equilibrium analysis of macroeconomic and trade policy changes in China: implications for the grains market'.
- Rutherford, A., 'Variable returns from the promotion of agricultural commodities: an econometric approach'.
- Sappideen, B., 'Environmental shadow pricing: some issues related to salinity management in Victoria'.
- Sawit, H. and O'Brien, D. T., 'Agricultural household income and employment: a preliminary analysis for rural Java'.
- Sheridan, A. and Owen, K., 'Cluster analysis applied to the NSW meat processing industry'.
- Shiva, S. and Quilkey, J. J., 'Labour quality and farm labour contracts: evidence from Nepal'.
- St. Hill, R. L., 'Stages of banking and economic development'.
- Stone, A., 'Valuing wetlands: a contingent valuation approach'.
- Stoneham, G., Arch, A. M. J. and Parigi, P., 'Agriculture and the sustainable development debate'.
- Tacconi, L. and Tisdell, C., 'Aid for village-based rural projects in LDCs: experiences, project appraisal and selection, ACIAR and giant clam culture as a case'.
- Thorpe, S., MacAulay, T. G. and Kanakarathnam, A., 'A programming model of Australian crude oil and condensate supply: preliminary analysis'.
- Tisdell, J. G. and Harrison, S. R., 'Transferable water entitlements: a game theory approach'.
- Tsolakis, D., Love, G. and Helmar, M., 'World wheat and coarse grain markets: an evaluation of policy change using the ABARE/FAPRI grains model'.
- Tunstall, A., 'Theories of dishonesty and corruption and their relevance to farm produce regulation in Australia'.
- Weber, J. A. and Meister, A. D., 'Encouraging sustainability in agriculture: institutional and measurement considerations'.
- Whybrow, E., 'A process for the development of promotion options for food industries'.
- Williams, C. and Rolfe, J., 'The importance of non-LMRS reported factors in the determination of cattle prices in Queensland'.
- Wright, R., Gilmour, K., Matthews, L. and O'Mara, P., 'Microeconomic reform for the macroeconomy and the commodities sector'.
- Wright, R. and Penm, J., 'Major influences on the real exchange rates in the 1990s: a simulation analysis'.
- Yapp, T. P., Young, L. J. and Sinden, J. A., 'Trends in community support for soil conservation'.