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## 32nd ANNUAL CONFERENCE

AUSTRALIAN AGRICULTURAL ECONOMICS SOCIETY

LA TROBE UNIVERSITY, 8-11 FEBRUARY 1988

### *Presidential address*

Gellatly, C. (NSW Department of Agriculture), 'Achieving policy change'.

### *Invited papers*

Bain, R., Haynes, J., Pascoe, S. and Trewin, R. (Australian Bureau of Agricultural and Resource Economics), 'Fishery economics from the economic bureaucrats perspective'.

Baxter, K. (NSW Egg Corporation), 'Privatisation in agricultural marketing: egg marketing in Australia'.

Mauldon, J. (Industries Assistance Commission) and McColl, J. (Royal Commission into Grain Storage, Handling and Transport), 'The wheat industry - in transition'.

Sandrey, R. (Ministry of Agriculture and Fisheries, NZ), 'Privatisation in agricultural marketing: the New Zealand experience'.

Schmitz, A. (University of Saskatchewan and University of California, Berkeley), 'Export strategies in international grain markets'.

Simmons, P. and Arthur, J. (Australian Bureau of Agricultural and Resource Economics), 'The importance of hidden gains and losses: a case study of Australian wool'.

Waugh, G. (University of NSW), 'Changing perspectives in fishery economics'.

Wright, B. (University of California), 'The incidence of market stabilisers'.

Zilberman, D. (University of California, Berkeley), 'Pesticide economics: policy choices and research issues'.

### *Selected papers*

Fraser, R. (University of Western Australia), 'A method of evaluating supply response to price underwriting'.

Lewis, P., Hall, N., Savage, C. and Kingston, A. (Australian Bureau of Agricultural and Resource Economics), 'Taxation, cost of capital and investment in Australian agriculture'.

### *Contributed papers*

Ahmed, A. and Kennedy, J. O. S. (La Trobe University), 'The impact of subsidised credit on Bangladesh farming households'.

Anaman, K. A. and Murphy, J. E. (University of Queensland), 'The influence of phosphorus fertiliser and the time of harvest on production risk for cassava'.

Antony, G. (University of New England) and Kanzi, G. (Department of Agriculture and Livestock, PNG), 'Returns to PNG agricultural research: hybrid cocoa and insect pollination of oilpalm'.

Ball, K. and Sloane, R. (Australian Bureau of Agricultural and Resource Economics), 'Quality/quantity trade-offs in the demand for beef and lamb: a cross-sectional time series study'.



- Bardsley, P. (Department of Agriculture and Rural Affairs, Victoria), 'Local utility functions—a tutorial'.
- Brennan, D. (University of Western Australia), 'Peak loan investment criteria for the grain handling industry'.
- Chewings, R. A. and Pascoe, S. (Australian Bureau of Agricultural and Resource Economics), 'Demand for water in the Murray Valley, New South Wales: an application of linear programming'.
- Chiao, Y. S. and Gillingham, A. (Ministry of Agriculture and Fisheries, NZ), 'Capital input, allocation uncertainty and the value of technology—the case of phosphate fertiliser'.
- Cramb, R. (University of Queensland), 'The use and productivity of labour in shifting cultivation: an East Malaysian case study'.
- Cramb, R. A. (University of Queensland) and Wills, I. R. (Monash University), 'Community-based land tenure and government land policy in Sarawak: a study in institutional dissonance'.
- Crellin, I. R. (Department of Primary Industries and Energy, Canberra), 'Potential improvements in the provision of long range weather forecasts: are there benefits for the rural sector?'.
- Davenport, S. and Dalziel, I. (Australian Bureau of Agricultural and Resource Economics), 'Effects of concessional sales tax arrangements for fruit juice beverages'.
- Davidson, A. B. and MacAulay, T. G. (University of New England), 'International impacts of wool policy changes'.
- Delforce, J. C., Hardaker, J. B. and Fleming, E. (University of New England), 'Alternative strategies for development in Tonga'.
- Dixon, J. (University of New England), 'Inorganic fertiliser inputs to Himalayan agriculture: some issues in pricing'.
- Etherington, D. (Australian National University), 'A policy perspective on coconut processing on South Pacific islands'.
- Etherington, D. (Australian National University), 'An economic analysis of a plant density experiment for tea in China'.
- Etherington, D. and Forster, K. (Australian National University), 'The resurgence of the tea industry in China'.
- Foster, M. (Australian Bureau of Agricultural and Resource Economics), 'Modelling the Australian wool corporation's costs and revenues under the reserve price scheme for wool'.
- Godden, D. (NSW Department of Agriculture), 'Policy issues affecting Australian industrial wheat processing'.
- Godyn, D., Parker, P., Simpson, I. and Burfitt, T. (NSW Department of Agriculture and Fisheries), 'Cereals for grazing and grain'.
- Hall, N., Fraser, L. and Purtill, A. (Australian Bureau of Agricultural and Resource Economics), 'Supply responses in broadacre agriculture'.
- Hansen, B. R. and Krause, M. A. (SA Department of Agriculture), 'Impact of rotations and cultivation techniques on farm profitability—model specification'.
- Havrila, I. and Quilkey, J. J. (La Trobe University), 'Price premia and discounts for 'Characteristics' of the product'.
- Kallanpur, R. and Chakraborty, C. (Economic Researcher, Cincinnati, Ohio and Slippery Rock University, Pennsylvania), 'Productivity and technical change in rice production—the case of Tamil Nadu, India'.
- Kingwell, R. (WA Department of Agriculture), 'Long-fallows in the eastern wheatbelt of Western Australia'.

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- Lewis, P. E. T. and Males, W. P. (Australian Bureau of Agricultural and Resource Economics), 'Prices and employment in the US farm sector'.
- Luskin, D., Poulter, D. and Nayar, M. (Australian Bureau of Agricultural and Resource Economics), 'Determinants of employment in Australian agriculture'.
- MacAulay, T. G. (University of New England), Batterham, R. L. and Fisher, B. S. (University of Sydney), 'Cubic programming and the solution of spatial trading systems'.
- MacAulay, T. G., Thomas, W. C. and Musgrave, W. F. (University of New England), 'Simultaneity in the determination of assistance to agriculture'.
- Malcolm, B. (University of Melbourne), 'Fifty years of farm management in Australia'.
- Maleka, P. and Thampapillai, D. J. (University of Wollongong), 'Systems modelling approach to drought management strategies in Zambia'.
- Martin, J. (Australian International Development Assistance Bureau), 'Integrated pest control in rice: integrating economics, extension and policy'.
- Martin, W. and Savage, C. (Australian Bureau of Agricultural and Resource Economics), 'Developments in Australian agricultural capital'.
- Mattinson, B. (University of Western Australia), 'Selection strategies in commercial merino flocks'.
- Morison, J. B. (University of New England), 'Trends in Australia-Japan commodity trade'.
- Mues, C. and Simmons, P. (Australian Bureau of Agricultural and Resource Economics), 'The effect of US farm policy on Australian cotton revenues'.
- Mullen, J., Alston, J. and Wohlgenant, M. (NSW Department of Agriculture), 'The impact of multi-stage research on Australian woolgrowers'.
- Mustadjab, M. and Quilkey, J. J. (La Trobe University), 'Impact of land tenure on farming efficiency and soil conservation in the Upper Brantas River Basin area, East Java, Indonesia'.
- Nguyen, T. (University of Adelaide) and Hogan, L. (Australian Bureau of Agricultural and Resource Economics), 'Policy coordination and economic growth'.
- O'Donnell, C. J. (University of Sydney), 'Assessing the impact of lamb price stabilisation on producer welfare'.
- Pandey, S. (University of Western Australia), 'An application of systems modelling for technology evaluation'.
- Pandey, S. (University of Western Australia), 'Risk efficient irrigation strategies for wheat'.
- Pannell, D. (University of Western Australia), 'A stochastic model for tactical weed control decision making'.
- Penman, P. F. (NSW Soil Conservation Service), 'Waterponding in Western NSW—an evaluation'.
- Penman, P. F. (NSW Soil Conservation Service), 'Benefit cost analysis of forest creek project'.
- Penman, P. F. (NSW Soil Conservation Service), 'An economic evaluation of soil conservation programmes'.
- Quiggan, J. (University of Sydney), 'Pooling'.



- Sharma, K. C. (University of New England), 'Human nutrition and income in rural semi-arid tropical Andhra Pradesh, India'.
- Simmons, P., Trendle, B. and Brewer, K. R. W. (Australian Bureau of Agricultural and Resource Economics), 'The future of China's wool production'.
- Sinden, J. A. and King, D. A. (University of New England), 'Land condition, productivity, and the adoption of soil conservation measures'.
- Sri-Ramaratnam, S. (Ministry of Agriculture and Fisheries, NZ), 'Prospects for managing production risk in New Zealand agriculture'.
- Tan, H. and Minnis, P. (Australian Bureau of Agricultural and Resource Economics), 'Financial deregulation and rural credit in the 1980's'.
- Tillack, R. and Arnold, R. (Industries Assistance Commission), 'Analysing the effects of local content schemes under imperfect substitution: an application to the Australian tobacco industry'.
- Tisdell, C. and Alauddin, M. (University of Newcastle), 'Diversification and stability implications of new crop varieties: theoretical and empirical analysis'.
- Vanzetti, D. and Kennedy, J. (La Trobe University), 'Strategic interaction in international commodity markets'.
- Vlastuin, C. (Australian Wool Corporation), 'The Efficiency of price discovery at wool auctions'.
- Walker, A. (Industries Assistance Commission), 'World agricultural trade distortions - Measurement and recent trends'.
- Wan, G. H. (University of New England), 'Factors affecting the variability of China's food grain production'.
- Wang, K. M., Hacker, R. B., Lindner, R. K. and Richmond, G. S. (University of Western Australia), 'Computer modelling of rangeland regeneration in the arid zone of Western Australia'.
- Wegener, M. K. (University of Queensland), 'A generic crop simulation model for agricultural planning'.
- Whybrow, E. (Queensland Department of Primary Industries) and Longworth, J. W. (University of Queensland), 'Price expectation formation in the Queensland tomato growing industry'.
- Wilcox, C. J. (Department of Agriculture and Rural Affairs, Victoria), 'Policy formulation in the Australian dairy industry'.
- Williams, S. C. and Longworth, J. W. (University of Queensland), 'Factors influencing tuna prices in Japan and implications for the development of the Coral Sea tuna fishery'.
- Wynen, E. (La Trobe University), 'Toward a comparison of conventional and chemical-free farming in Australia'.
- Young, R. (Department of Primary Industries and Energy, Canberra), 'Environmental degradation in the Murray Darling Basin - an evaluation of some options'.
- Zhou, Z. Y., Dillon, J. L. and Wan, G. H. (University of New England), 'Development of township enterprises in China'.