

## CONFERENCE PAPERS

- “Economies of Scope and Technical Efficiency of Crop-livestock Systems in Ghana” (with B.O. Asante and R.A. Villano), *60<sup>th</sup> Annual Conference of the Australian Agricultural and Resource Economics Society*, Canberra, 2–5/2/16.
- “Determinants of Crop-livestock Diversification among Rural Farm Households in Ghana: Implications for Policy” (with B.O. Asante, R.A. Villano and I.W. Patrick), *59<sup>th</sup> Annual Conference of the Australian Agricultural and Resource Economics Society*, Rotorua, New Zealand, 10–13/2/15.
- “Improved Crop-livestock Management Practices, Technical Efficiency and Technology Ratios in an Extensive Small-ruminant Production System in Ghana” (with B.O. Asante and R.A. Villano), *14<sup>th</sup> European Workshop on Efficiency and Productivity Analysis*, Helsinki, Finland, 15–18 June 2015.
- “Efficiency of Vietnamese Higher Education Institutions: A Nonparametric Production Frontier Approach” (with Carolyn Tran and Renato Villano), *12<sup>th</sup> International Conference on Data Envelopment Analysis*, University of Malaya, Kuala Lumpur, Malaysia, 14–18/4/14.
- “Technical Efficiency of South African Banks in Generating Interest and Noninterest Incomes: A Stochastic Frontier Analysis” (with G. van der Westhuizen), *Conference in Memory of Lennart Hjalmarsson*, Department of Economics, University of Gothenburg, 7–8/12/12, 21 pp.
- “Introductory Workshop on Efficiency and Productivity”, *International Conference on Quality, Productivity and Performance Measurement (ICQPPM’09)*, Palm Garden Hotel, Putrajaya, Malaysia, 16–18/11/09.
- “Efficiency and Productivity Analysis” (*Keynote Address*), *International Conference on Quality, Productivity and Performance Measurement (ICQPPM’09)*, Palm Garden Hotel, Putrajaya, Malaysia, 16–18/11/09.
- “The Impact of Agricultural Loans on the Technical Efficiency of Rice Farmers in the Upper North of Thailand” (with Y. Chaovanapoonphol and C. Chang), *Asia-Pacific Productivity Conference*, at Seoul National University, Seoul, Korea, August 17–19/08/06.
- “Metafrontier Functions for the Study of Inter-regional Productivity Differences” (with D.S.P. Rao and C.J. O'Donnell), *Asia-Pacific Productivity Conference*, University of Queensland, Brisbane, 14–16/07/04.
- “An Investigation of Production Risk, Risk Preferences and Technical Efficiency: Evidence from Rainfed Lowland Rice Farms in the Philippines”, (with R. Villano and C.J. O'Donnell), *Asia-Pacific Productivity Conference*, University of Queensland, Brisbane, 14–16/07/04.
- “Metafrontier Functions for the Study of Inter-regional Productivity Differences”, *Eighth European Workshop on Efficiency and Productivity Analysis*, University of Oviedo, Spain, 24–27/09/03. “Technology Gap, Efficiency and a Stochastic Metafrontier Function”, *Economic Measurement Group, University of New South Wales*, 6/09/02.
- “Technical Efficiencies of Rice Farmers Using Different Irrigation Systems in Different Cropping Seasons in West Java, Indonesia”, *Asia Conference on Efficiency and Productivity Growth*, Taipei, 19–20/07/02.

- “Stochastic Frontier Analysis and Metaproduction Functions” (*Invited Paper*), *Seventh European Workshop on Efficiency and Productivity Analysis*, University of Oviedo, Spain, 25–29/09/01. “Firm Size, Age and Efficiency: Evidence from Kenyan Manufacturing Firms” (with K. Lundvall), *Sixth European Workshop on Efficiency and Productivity Analysis*, The Royal Agricultural University, Copenhagen, 29–31/10/99.
- “Efficiency of Labour Use in the Swedish Banking Industry: A Stochastic Frontier Approach”, *Georgia Productivity Workshop III*, University of Georgia, Athens, 29–30/10/98.
- “Productivity of Mongolian Grain Farming, 1975-1989” (with T. Bayarsaihan and T.J. Coelli), *41st Annual Conference of the Australian Agricultural & Resource Economics Society*, Gold Coast, 20–25/1/97.
- “Stochastic Frontier Production Functions and Models for Technical Inefficiency Effects” (*Invited Paper*), *The Taipei International Conference on Efficiency and Productivity Growth*, Academia Sinica, Taipei, 20–21/06/97.
- “Functional Forms of Stochastic Frontier Production Functions and Models for Technical Inefficiency Effects: A Comparative Study for Wheat Farmers in Pakistan”, *Georgia Productivity Workshop II*, University of Georgia, Athens, 1–3/11/96.
- “The Technical Efficiency of Small Agricultural Producers in Central Ethiopia” (with M.D. Nsanzugwanko and E.M. Fleming), *40th Annual Conference of the Australian Agricultural & Resource Economics Society*, University of Melbourne, 13–15/02/96.
- “Functional Forms of Stochastic Frontier Production Functions and Models for Technical Inefficiency Effects: A Comparative Study for Wheat Farmers in Pakistan” (with S.S. Broca), *New England Conference on Efficiency and Productivity*, University of New England, Armidale, 23–24/11/95.
- “A Model for Technical Inefficiency Effects in a Stochastic Frontier Production Function for Panel Data” (with T.J. Coelli), *Fourth European Workshop on Efficiency and Productivity Analysis*, Center for Operations Research and Econometrics, Universite Catholique de Louvain, Louvain- La-Neuve, Belgium, 26–28/10/95.
- “A Stochastic Frontier Production Function with Flexible Risk Properties” (with A.N. Rambaldi and G.H. Wan). *39<sup>th</sup> Annual Conference of the Australian Agricultural Economics Society*, University of Western Australia, Perth, 13–15/2/95.
- “A Stochastic Frontier Production Function with Flexible Risk Properties” (with A.N. Rambaldi and G.H. Wan). *Georgia Productivity Workshop*, University of Georgia, Athens, 21–23/10/94.
- “Identification of Factors which Influence the Technical Inefficiency of Indian Farmers” (with T.J. Coelli), *38th Annual Conference of the Australian Agricultural Economics Society*, Victoria University, Wellington, 8–10/2/94.
- “Technical Efficiencies of Smallholder Cocoa Producers in Papua New Guinea” (with K.C. Gimbol and E.M. Fleming), *38th Annual Conference of the Australian Agricultural Economics Society*, Victoria University, Wellington, 8–10/02/94.

- “A Generalised Stochastic Frontier Production Function Incorporating a Model for Inefficiency Effects” (with T.J. Coelli), *Australasian Meeting of the Econometric Society*, University of Sydney, 7–9/07/93.
- “A Stochastic Frontier Production Function Incorporating Flexible Risk Properties” (with G.H. Wan), *Australasian Meeting of the Econometric Society*, Monash University, Melbourne, 6– 8/07/92.
- “Estimation of Stochastic Frontier Production Functions with Time-Varying Parameters and Technical Efficiencies Using Panel Data from Indian Villages” (with G.A. Tessema), *36<sup>th</sup> Annual Conference of the Australian Agricultural Economics Society*, Australian National University, Canberra, 10–12/02/92.
- “Frontier Production Functions, Technical Efficiency and Panel Data: With Application to Paddy Farmers in India” (with T.J. Coelli), *Australasian Meeting of the Econometric Society*, University of New South Wales, Sydney, 10–13/07/91.
- “Frontier Production Functions, Technical Efficiency and Panel Data: With Application to Paddy Farmers in India” (with T.J. Coelli), *Conference on Current Issues in Productivity Analysis*, State University of New Jersey-Rutgers, Newark, 16–18/12/91.
- “Frontier Production Functions and Technical Efficiency: A Survey of Empirical Applications in Agricultural Economics”, *35th Annual Conference of the Australian Agricultural Economics Society*, University of New England, Armidale, 5–7/02/91.
- “Frontier Production Functions, Technical Efficiency and Panel Data” (Invited Paper), Productivity and Efficiency Analysis Sessions, *30th Joint National Meeting of the Operations Research Society of America and the Institute of Management Science*, Philadelphia, 29–31/10/90.
- “Production Frontiers, Technical Efficiency and Time”, *Conference on Modelling Production With Multiple Outputs*, La Trobe University, 7–9/09/89.
- “Estimation of Frontier Production Functions and Technical Efficiencies for Indian Farms Using Panel Data from ICRISAT's Village Level Studies” (with T.J. Coelli and T.C. Colby), *33rd Annual Conference of the Australian Agricultural Economics Society*, Lincoln University, Christchurch, 7–9/02/89.)
- “Estimation of Frontier Production Functions and Technical Efficiencies for Indian Farms Using Panel Data from ICRISAT's Village Level Studies” (with T.J. Coelli and T.C. Colby), *Australasian Meeting of the Econometric Society*, University of New England, Armidale, 13– 15/07/89.
- “The Possibilities of Employment Generation in the Large-Scale, Food-Processing Industry in Pakistan” (with S.J. Malik and I. Babar), *Australian Economics Congress*, Australian National University, Canberra, 28/08/88–2/09/88.
- “A Frontier Production Function for Panel Data: With Application to the Australian Dairy Industry” (with T.J. Coelli), *30th Annual Conference of the Australian Agricultural Economics Society*, Australian National University, Canberra, 3–5/2/86.

- “Prediction of Technical Efficiencies, Given a Frontier Production Function and Panel Data”, *Australasian Meeting of the Econometric Society*, University of Melbourne, 28–30/08/86. “Identification and Estimation of Elasticities of Substitution for Firm-Level Production Functions Using Aggregative Data” (with S.J. Malik), *Australasian Meeting of the Econometric Society*, University of Melbourne, 28–30/08/86.
- “An Error Components Model for Prediction of County Crop Areas Using Survey and Satellite Data” (with W.A. Fuller), *6th Australian Statistical Conference*, University of Melbourne, 23– 27/08/82.
- “Prediction of County Crop Areas Using Survey and Satellite Data” (with W.A. Fuller), *Annual Meetings of the American Statistical Association*, Detroit, 10–13/08/81.
- “Insurance Plans for Crops with Normal or Non-normal Yield: With Application to Grain Crops in N.S.W.” (with E.M. Francisco), *21st Annual Conference of the Australian Agricultural Economics Society*, University of Queensland, Brisbane, 8–10/02/77.
- “Estimation of a Production Frontier Model: With Application to the Pastoral Zone of Eastern Australia” (with G.S. Corra), *21st Annual Conference of the Australian Agricultural Economics Society*, University of Queensland, Brisbane, 8–10/02/77.
- “Linear Models with Error Variances that are Proportional to a Power of the Expectations of the Dependent Variable” (with B.P. Bonyhady), *Third Australian Statistical Conference*, La Trobe University, Melbourne, 18–20/02/76.
- “An Unbiased Response Model for Analysis of Categorical Data” (with W.A. Fuller), *Annual Meetings of the American Statistical Association*, New York, 27–30/12/1973.
- “Transformations for Correlated Error Models” (with W.A. Fuller), *Joint Statistical Meeting of the American Statistical Association and the Biometric Society (E.N.A.R.)*, Iowa State University, 26–28/04/72.