

Curriculum vitae: March 2007

## **Glyn Wittwer**

### **Senior Research Fellow**

#### **Centre of Policy Studies**

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### **1. Qualifications:**

Ph.D., The University of Adelaide, 2000

Thesis title: *The Australian wine industry during a period of boom and tax changes.*

Supervisor: Prof. Kym Anderson (University of Adelaide)

B.Ec. (Hons.), The University of Adelaide, 1991

B.A., The University of Adelaide, 1989

Assoc. Dip. Radiological Technology, SAIT, 1979.

### **2. Employment history**

**Current position:** Senior Research Fellow, Centre of Policy Studies.

**1998 to 2001:** Post-doctoral Fellow and Ph.D. candidate, Centre for International Economic Studies, The University of Adelaide.

**1995 to 1998:** Research Fellow, South Australian Centre for Economic Studies.

**1994 to 1995:** Bureau of Industry Economics.

**1992 to 1994:** Industry Commission.

**1991 to 1992:** ABARE.

**Prior to 1987:** Radiotherapist, Royal Adelaide Hospital.

### **3. Academic services**

**Referee**      *Agricultural Economics, Australasian Journal of Regional Studies, Australasian Agribusiness Review, Australian Economic Papers, Australian Journal of Agricultural and Resource Economics, Economic Papers, Economic Record, European Review of Agricultural Economics, Journal of Econometrics.*

**Examiner**     Doctoral theses (University of Western Australia, University of Adelaide)

### **4. University affiliations**

**Adjunct Associate Professor** RMIT University, 2006--

**Affiliate**                                      Centre for International Economic Studies, University of Adelaide, 2003-

## 5. Teaching services

**Lecturing:** Centre of Policy Studies short course coordinator  
Previous tutoring (University of Adelaide): Macroeconomics, International Trade, Microeconomics.

**Supervisory: current 1 PhD student (joint)**  
Previous supervisory experience: masters (University of Adelaide).

## 6. Competitive grants

Australian Research Council Linkage Grant: “Combining hydrological information with a multi-regional, computable general equilibrium model” (P. Dixon, S. Schreider and G. Wittwer), 2006 -2008.

Grape and Wine Research and Development Corporation: “Enhancing wine market intelligence through economic research” (G. Wittwer and X. Zhao), 2004-2008.

## PUBLICATION LIST

### A. Articles

“Projecting the world wine market from 2003 to 2010”, *Australasian Agribusiness Review*, Vol. 13, paper no. 21, 2005 [with J Rothfield].

“Dynamic general equilibrium analysis of improved weed management in Australia's winter cropping systems”, *Australian Journal of Agricultural and Resource Economics*, 49(4): 363-377, December, 2005 [with D Vere, R Jones and G Griffith].

“Using a highly disaggregated multi-regional single-country model to analyse the impacts of the 2002-03 drought on Australia”, *Journal of Policy Modelling* 27(3):285-308, May, 2005 [with M Horridge and J Madden].

“The regional economic impacts of a plant disease incursion using a general equilibrium approach”, *Australian Journal of Agricultural and Resource Economics* 49(1): 75-89, March, 2005 [with S McKirdy and R Wilson].

“A practical method for explicitly modeling quotas and other complementarities”, *Computational Economics* 23(4): 325-341, June, 2004 [with J Harrison, M Horridge and K Pearson].

“Forecasting the economic impact of an industrial stoppage using a dynamic, computable general equilibrium model”, *Australian Journal of Labour Economics*, 7(1), pp. 31-43, March, 2004 [with P Dixon].

“Globalization of the world's wine markets”, *The World Economy* 26(5): 659-87, May, 2003 [with K Anderson and D Norman].

“Who gains from Australian generic wine promotion and R&D?” *The Australian Journal of Agricultural and Resource Economics*, 47(2): 181-209, 2003 [with X Zhao and K Anderson].

“A model of the world’s wine markets”, *Economic Modelling*, 20(3): 487-506, May, 2003 [with N Berger and K Anderson].

“Drought, regions and the Australian economy between 2001-02 and 2004-05”, *Australian Bulletin of Labour*, 28(4): 231-246, 2002 [with P Adams, M Horridge and J Madden].

“Impact of tax reform on the Australian wine industry: a CGE analysis”, *Australian Economic Papers*, 41(1): 69-81, March, 2002 [with K Anderson].

“Accounting for growth in the Australian wine industry, 1987 to 2003”, *The Australian Economic Review*, 34(2): 179-89, June, 2001 [with K Anderson].

“The effects of mining expansion on regional economies in Australia”, *Australasian Journal of Regional Studies*, 3(1):71-84, 1997 [with M Bright].

### **Book reviews**

Review of *Collapse: How Societies Choose to Fail or Survive*, by J. Diamond. *Australian Journal of Agricultural and Resource Economics*, 50(1): 120-123, March 2006.

(with Xueyan Zhao) Review of *Private-Private Collaboration in Agricultural Research: New Institutional Arrangements and Economic Applications*, by K. Fugle and D. Schimmelpennig (eds.) *Australian Journal of Agricultural and Resource Economics*, 45(4): 652-654, December 2001.

### **Other articles**

“Declining competitiveness of Japan’s wool processing industry”, *Agriculture and Resources Quarterly*, vol. 4, no. 1, pp. 53-65, March, 1992 [with G Connolly].

“How Increased EU Import Barriers and Reduced Retail Margins Affect the World Wine Market,” *The Australian and New Zealand Wine Industry Journal*, 16(3):67-74, May/June, 2001 [with K Anderson].

“US Dollar Appreciation and the Spread of Pierce's Disease: Effects on the World Wine Market”, *The Australian and New Zealand Wine Industry Journal*, 16 (2):70-75, March/April, 2001 [with K Anderson].

“More on Modeling the Impact of Tax Reform: How Unequal is the Proposed Wine ‘Equalization’ Tax””, *The Australian and New Zealand Wine Industry Journal*, 14(3):100-101, May/June, 1999 [with K Anderson].

“Impact of Tax Reform on Australia’s Wine Industry”, *The Australian Grapegrower and Winemaker*, 418:62-66, October, 1998 [with K Anderson].

## **B. Chapters in books**

“Regional analysis of the resources boom in Australia since 2003-04”. *The State-of-the-Art in Regional and Urban Modeling* (Ed. A. Bayar, forthcoming) Springer [with M Horridge].

“Combining engineering-based water models with a CGE model”, chapter 2 in Productivity Commission, *Quantitative tools for microeconomic policy analysis*, Conference Proceedings, 17-18 November, 2004, Canberra, 2005 [with P Dixon and S Schreider].

“Global Overview” Chapter 2 in *The World’s Wine Markets: Globalization at Work*, edited by K. Anderson, London: Edward Elgar, 2004 [with K Anderson and D Norman].

“Effects of agricultural policy reform on Indonesia’s food security”, in Anderson, K., Stringer, R. and Erwidodo (editors), *Indonesia’s Boom and Crisis in a Reforming World Economy: Effects on Agriculture, Trade and the Environment*, 2001 [with R Stringer and Erwidodo].

“Effects of changes in wool prices and wages on Japanese demand for wool”, in Findlay, C. and Itoh, M. (editors), *Wool in Japan: Structural Change in the textile and clothing market*, Harper Educational, Sydney, 1994 [with G Connolly and H Roper].

## **C. Conference papers**

“CGE modelling of the resources boom in Australia and Indonesia using TERM”, Paper presented at the 51st Annual Conference of the Australian Agricultural and Resource Economics Society, 14-16 February 2007, Queenstown, New Zealand [with M Horridge].

“Modelling future urban and rural water requirements in a CGE framework”, Paper presented at the 50<sup>th</sup> Annual Conference of the Australian Agricultural and Resource Economics Society, 8-10 February 2006, Sydney.

“The regional economic impacts of a plant disease incursion using a general equilibrium approach”, Paper presented at the 8<sup>th</sup> Conference on Global Economic Analysis, Lubeck, Germany, June 8-11, 2005 [with S McKirdy and R Wilson]

“Using a highly disaggregated multi-regional single-country model to analyse the impacts of the 2002-03 Drought on Australia”, Paper presented at the 6<sup>th</sup> Conference on Global Economic Analysis, Scheveningen, The Hague, The Netherlands, June 12-14, 2003 [with M Horridge and Madden].

“Modelling the impact of environmental policy reforms on water markets and irrigation use in Australia”, Paper presented at the 5<sup>th</sup> Conference on Global Economic Analysis, Grand Hotel, Taipei, June 5-7 2002 [with R Stringer].

“Grapes, Wine and Water: Modelling Water Policy Reforms in Australia”, Paper in the Proceedings of the 26th World Congress of the OIV, Adelaide, 11-18 October, Paris: Office International de la Vigne et du Vin, in CD-ROM and print versions, 2001 [with R Stringer].

“World Wine Market in 2005: Effects of Faster Asian Demand Growth”, Paper in the Proceedings of the 26th World Congress of the OIV, Adelaide, 11-18 October, Paris: Office International de la Vigne et du Vin, in CD-ROM and print versions, 2001 [with K Anderson].

“Modelling the World Wine Market to 2005: Impacts of Structural and Policy Changes”, Paper presented at the Annual Conference of the Australian Agricultural and Resource Economics Society, Adelaide, 23-25 January 2001 [with N Berger and K Anderson] .

“The sensitivity of wine industry outcomes to model assumptions in GST scenarios”, School of Economics and Centre for International Economic Studies, University of Adelaide, Paper presented to the 44<sup>th</sup> Annual Conference of the Australian Agricultural and Resource Economics Society, Sydney, 23-25 January, 2000.

“A reconsideration of export demand elasticities in ORANI”, Paper prepared for 1993 Conference of Economists, Murdoch University, Western Australia, September 27-30, 1993 [with G Connolly].

“An econometric model of the Japanese wool textile industry”, ABARE paper presented at the Australian-Japan Research Centre workshop, September, 1991 [with G Connolly and H Roper].

#### **D. Selected reports**

Modelling medium-term water needs in south east Queensland. Prepared for Queensland Water Infrastructure, September 2006.

Global wine market analysis – funded by GWRDC. Final report, June 2006.

*Without water - modelling the water requirements of Australia with the population projected to 25 million.* Water for Healthy Country (CSIRO) and CoPs, May 2006 [with M Young, W Proctor and E Qureshi].

Economic contribution of TAFE. For Allens, Sydney/Canberra. May 2006.

Impacts of tropical cyclone Larry in Far North Queensland. April 2006 [with D Mullally, Geoscience Australia]

Channel deepening in Port Phillip Bay. For Price Waterhouse Coopers. March 2006.

Impact of Glennies Creek coal mine. Prepared for Allens Consulting, Sydney. February 2006.

Impact of NSW horse racing industry. Prepared for Allens Consulting, Sydney. June 2006.

*The Global Wine Statistical Compendium 1961 to 2004*, Prepared for GWRDC, 2006 [with J Rothfield]

Disruption to utilities. For Geoscience Australia. July 2005.

*Projecting Australia's water needs to 2030.* For Water Services Association of Australia. March 2005.

The national and regional economic impacts of Optus' broadband roll-out. Prepared for Allens Consulting. June 2005.

The regional economic impacts of Thredbo snow resorts. Prepared for Allens Consulting, July 2005.

*The Global Wine Statistical Compendium 1961 to 2003*, Prepared for GWRDC, 2005 [with K Anderson]

Modelling of economic impacts of hypothetical earthquake in Perth. For Geoscience Australia. April 2004.

Modelling regional impacts of water reforms. Prepared for Victoria's Department of Primary Industries and Department of Treasury and Finance, Productivity Commission and CSIRO, November 2003.

The use of a regional CGE model to assist in fund allocation in mining and associated sectors. Prepared for Victoria's Department of Primary Industries, September 2003.

The local, statewide and national economic effects of specific disease outbreaks: dynamic CGE analysis. Prepared for Plant Health Australia, August 2003.

The economic impacts of introducing broadband networks to Queensland. Modelling undertaking for Allen Consulting, Sydney, August 2003. [with P Dixon]

The use of a regional CGE model to assist in fund allocation, prepared for Victoria's Department of Primary Industries, June 2003.

Water policy analysis, prepared for Victoria's Department of Primary Industries, May 2003.

Effects of a stoppage in the Victorian non-residential construction industry, prepared for Allen Consulting, Melbourne, February 2003 [with P Dixon].

"The economic impacts of the Fusion project in New South Wales", modelling undertaking for Allen Consulting, Sydney, January 2003. [with P Dixon]

Economic impacts of the A380 airbus project, prepared for Allen Consulting, March 2002.

Relocation of Melbourne markets. For Allen Consulting, September 2003.

*WAYANG: A General Equilibrium Model adapted for the Indonesian Economy*, (based on Horridge, Parmenter and Pearson 1998, *ORANI-G: A General Equilibrium Model of the Australian Economy*), Prepared for ACIAR project no. 9449, November 1999.