

CURRICULUM VITAE

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NATIONALITY: Australian.

EDUCATION: Ph.D., School of Economics, University of Adelaide, 2001.
B.Ec (Hons. 1), University of Adelaide, 1992.

EMPLOYMENT HISTORY

Feb. 2014 – present: Director and Professor (level E), Centre of Policy Studies, Victoria University.

Oct. 2012 – Jan. 2014: Deputy Director and Professor (level E), Centre of Policy Studies, Monash University.

Jul. 2012 – Oct. 2012: Professor (level E), Centre of Policy Studies, Monash University.

Jan. 2009 – Jun. 2012: Director External Relations & Senior Research Fellow (level D), Centre of Policy Studies, Monash University.

Jul. 2006 – Dec. 2009: Senior Research Fellow (level D), Centre of Policy Studies, Monash University.

Mar. 2002 - Jun. 2006: Senior Research Fellow (level C), Centre of Policy Studies, Monash University.

Jan. 1999 - Feb 2002: Senior Research Fellow (level C), Centre for Regional Economic Analysis, University of Tasmania.

Feb. 1996 - Dec 1998: Research Fellow, Centre for Regional Economic Analysis, University of Tasmania.

Jan. 1995 - Feb. 1996: Senior Research Economist, South Australian Centre for Economic Studies, University of Adelaide.

Jan. 1994 - Jan 1995: Research Economist, South Australian Centre for Economic Studies, University of Adelaide.

Sep. 1992 - Jan. 1994: Consultant, KPMG Peat Marwick Management Consultants, Adelaide.

VISITING POSITIONS

Nov. 2008 - Mar. 2009: Visiting Scholar, Center for Risk and Economic Analysis of Terrorism Events, University of Southern California, Los Angeles, U.S.A.

ACADEMIC SERVICES

Editorial duties: Series Editor (with Dixon, P. and R. Koopman): *Advances in Applied General Equilibrium Modeling* (Springer), and *SpringerBriefs in Applied General Equilibrium Modeling* (Springer).

Referee: Annals of Regional Science, Asian Economic Papers, Economic Record, Economic Modelling, Economic Systems Research, Growth and Change, International Migration Review, Oxford Economic Papers, Journal of Sports Economics, Papers in Regional Science, Regional Studies, Review of Urban and Regional Development Studies.

PhD thesis examiner: University of New South Wales, Victoria University of Wellington.

COMMITTEE MEMBERSHIP

Research Leadership Advisory Group, Victoria University, 2014 – ;

Faculty of Business and Economics, Research Committee, Monash University, 2011 – 2013;

Faculty of Business and Economics, Faculty Board, Monash University, 2010 – 2013;

PUBLICATIONS**1. REFEREED JOURNAL ARTICLES**

- Nassios, J. and J. A. Giesecke. (2017), “Informing ex-ante event studies with macro-econometric evidence on the structural and policy impacts of terrorism”, *Risk Analysis* (forthcoming).
- Giesecke, J.A., P.B. Dixon, M.T. Rimmer. (2017), “The economy-wide impacts of a rise in the capital adequacy ratios of Australian banks”, *The Economic Record*, 93 (S1), pp.16-37.
- Giesecke, J.A., P.B. Dixon, M.T. Rimmer. (2016), Superannuation within a financial CGE model of the Australian economy, *JASSA: The Finsia Journal of Applied Finance*, Issue 2, 2016, pp. 72-82.
- Mariano, M. and J.A. Giesecke, (2016) “Forecasting development outcomes under alternative surplus labour assumptions”, *Applied Economics*, Vol. 48, No. 42, pp. 4019-4032.
- Verikios, G., Sullivan, M. Stojanovski, P., Giesecke, J. and G. Woo, (2015), “Assessing regional risks from pandemic influenza: a scenario analysis”, *The World Economy*, (forthcoming).
- Giesecke, J.A., N.H. Tran, G.A. Meagher and F. Pang, (2015) “A decomposition approach to labour market forecasting”, *Journal of the Asia Pacific Economy*, Vol. 20, No. 2, pp. 243-270.
- Mariano, M., J.A. Giesecke and N.H. Tran. (2015), “The effects of domestic rice market interventions outside business-as-usual conditions for imported rice prices”, *Applied Economics*, Vol. 47, No. 8, February 2015, pp. 809-832.
- Dixon, J.M., P.B. Dixon, J.A. Giesecke and M.T. Rimmer (2014) “Quantifying “Dog Days””, *Economic Papers*, Vol 33, No. 3, September 2014, pp. 203-19.
- Roos, L. and J.A. Giesecke, (2014) “The economic effects of lowering HIV incidence in South Africa”, *Economic Modelling*, Vol. 39, April, pp. 23-137.
- Mariano, M. and J.A. Giesecke, (2014), “The macroeconomic and food security implications of price interventions in the Philippine rice market”, *Economic Modelling*, Vol. 37, February, pp. 350-361.
- Giesecke, J.A., N.H. Tran, E. Corong and S. Jaffee, (2013), “Rice Land Designation Policy in Vietnam and the Implications of Policy Reform for Food Security and Economic Welfare”, *Journal of Development Studies*, Vol. 49(9), pp. 1202-1218.
- Giesecke, J.A. and J.R. Madden, (2013), “Evidence-based regional economic policy analysis: the role of CGE modelling”, *Cambridge Journal of Regions, Economy and Society*, Vol. 6(2), pp. 285-301.

- Zawalinska, K., J. Giesecke, and M. Horridge (2013), "The consequences of LFA support: a multi-regional CGE analysis for Poland", *Agricultural and Food Science*, Vol. 22(2), pp. 272-287.
- Giesecke, J.A., W. Burns, A. Barret, E. Bayrak, A. Rose, P. Slovic and M. Suher (2012), "Assessment of the regional economic impacts of catastrophic events: CGE analysis of resource loss and behavioral effects of an RDD attack scenario", *Risk Analysis*, Vol. 32(4), April, pp. 583-600.
- Giesecke, J.A. and N.H. Tran (2012), "A general framework for measuring VAT compliance rates", *Applied Economics*, Vol. 44(15), May, pp. 1867-1889.
- Giesecke, J.A. (2011), "Development of a large-scale single U.S. region CGE model using IMPLAN data: A Los Angeles County example with a productivity shock application", *Spatial Economic Analysis*, Vol. 6(3), pp. 331-350.
- Giesecke, J.A. and J.R. Madden (2011), "Modelling the economic impacts of the Sydney Olympics in retrospect – Game over for the bonanza story?", *Economic Papers*, Vol. 30(2), June, pp. 218-232.
- Dixon, P.B., J.A. Giesecke, M.T. Rimmer and A. Rose (2011), "The economic costs to the U.S. of closing its borders: a computable general equilibrium analysis", *Defence and Peace Economics*, Vol. 22(1), February, pp. 85-97.
- Giesecke, J.A. and J.R. Madden (2010), "Uncovering the factors behind comparative regional economic performance: a multiregional CGE approach", *Regional Studies*, Vol. 44(10), December, pp. 1329-1349.
- Anderson, K., J.A. Giesecke and E. Valenzuela (2010), "How would global trade liberalization affect rural and regional incomes in Australia?", *Australian Journal of Agricultural and Resource Economics*, Vol. 54(4), October, pp. 389-406.
- Giesecke, J.A. and C. Schilling (2010), "The economic impact of the New Zealand fiscal stimulus package", *New Zealand Economic Papers*, Vol. 44(3), December, pp. 231-257.
- Giesecke, J.A. and Tran Hoang Nhi (2010), "Modelling value-added tax in the presence of multi-production and differentiated exemptions", *Journal of Asian Economics*, Vol. 21(2), pp. 156-173.
- Giesecke, J.A. and Tran Hoang Nhi (2009), "Sources of growth and structural change in the Vietnamese economy, 1996-2003: A CGE analysis", *Asian Economic Journal*, Vol. 23(2), June, pp. 195-224.
- Giesecke, J.A. and Tran Hoang Nhi (2009), "An economic analysis of Vietnam's fiscal stimulus package", *Vietnam's Socio-economic Development Review*, No. 58, June, pp. 35-51.
- Giesecke, J.A., J.M. Horridge and J.A. Scaramucci (2009), "Brazilian Regional Structural Adjustment to Rapid Growth in Global Ethanol Demand", *Studies in Regional Science*, Vol. 39(1), pp. 189-207.

- Giesecke, J.A. and G.A. Meagher (2008), "Population Ageing and Structural Adjustment", *Australian Journal of Labour Economics*, Vol. 11(3), pp. 227-247.
- Giesecke, J.A. and Tran Hoang Nhi (2008), "Just how quickly has the Vietnamese capital stock grown over the past decade?", *Vietnam Economic Management Review*, Vol. 2(2), pp. 31-44.
- Giesecke, J.A. (2008), "The effects of recent structural, policy and external shocks to the Australian economy, 1996/97 – 2001/02", *Australian Economic Papers*, Vol. 47(1), March, pp. 15-37.
- Giesecke, J.A. (2008), "A top-down framework for regional historical analysis", *Spatial Economic Analysis*, Vol. 3(1), pp. 45-87.
- Giesecke, J.A., P.B. Dixon and M.T. Rimmer (2008), "Regional macroeconomic outcomes under alternative arrangements for the financing of public infrastructure", *Papers in Regional Science*, Vol 87(1), March, pp. 3-31.
- Giesecke, J.A. (2006), "Reply to Harry Clarke on the economic effects of skilled immigration", *People and Place*, Vol. 15(2), pp. 64-71.
- Giesecke, J.A. (2006), "The national and regional economic consequences of rapid growth in Australia's telecommunications sector", *Economic Analysis and Policy*, Vol. 36(1&2), March/September, pp 61-97.
- Giesecke, J.A. and J.R. Madden (2006), "A CGE evaluation of a university's effects on a regional economy: an integrated assessment of expenditure and knowledge impacts", *Review of Urban and Regional Development Studies*, Vol. 18(3), November, pp. 229-251.
- Giesecke, J.A. (2006), "The economic impact of a general increase in skilled immigration", *People and Place*, Vol. 14(3), pp. 48-63.
- Giesecke, J.A. (2004), "Foreign students and regional economies: a multiregional general equilibrium analysis", *Australasian Journal of Regional Studies*, Vol. 10(1), pp 3-28.
- Giesecke, J.A. and J.R. Madden (2004), "Modelling the regional economic consequences of efficiency gains in the utilities sectors", *Economic Analysis and Policy*, Vol. 34(1), March, pp. 15-35.
- Giesecke, J.A. and J.R. Madden (2003), "Regional labour market adjustment to competition policy reforms: a dynamic CGE framework for assessment", *Australian Journal of Labour Economics*, Vol. 6(3), September, pp. 409-433.
- Giesecke, J.A. and J.R. Madden (2003), "A large-scale dynamic multi-regional CGE model with an illustrative application", *Review of Urban and Regional Development Studies*, Vol. 15(1), March, pp. 2-25.

- Giesecke, J.A. (2003), "Targeting regional output with state government fiscal instruments: a dynamic multi-regional CGE analysis", *Australian Economic Papers*, Vol. 42(2), June, pp. 214-233.
- Giesecke, J.A. (2002), "Explaining regional economic performance: an historical application of a dynamic multi-regional CGE model", *Papers in Regional Science*, Vol. 81(2), April, pp. 247-278.
- Giesecke, J.A. (1999), "Modelling the Regional Consequences of Commonwealth Policy - The Case of the Fringe Benefits Tax", *Australasian Journal of Regional Studies*, Vol. 5(3), pp. 365-376.
- Giesecke, J.A. and J.R. Madden (1997), "Regional Government Economic Policy: Assessing the Policy Instruments", *Australasian Journal of Regional Studies*, Vol. 3(1), pp. 3-18.

2. CHAPTERS IN BOOKS

- Giesecke, J.A. and Madden, J.R., (2016) Migration responses to a loss in regional amenities: an analysis with a multiregional CGE model. In H. Shibusawa, K. Sakurai, T. Mizunoya, S. Uchida (eds.) *Socioeconomic Environmental Policies and Evaluations in Regional Science: Essays in Honor of Yoshiro Higano*, Springer.
- Tran, N.H., Roos, E.L., Giesecke, J.A. and Madden, J.R. (2016) Can regionally-targeted temporary visas be an effective policy instrument? – a general equilibrium analysis. In J. Poot and M. Roskrige (eds.) *Population Change and Impacts in Asia and the Pacific*. New Frontiers in Regional Science: Asia Perspectives, Springer.
- Giesecke, J., W. Burns, A. Rose, T. Barrett and M. Griffith (2015), "Regional Dynamics under Adverse Physical and Behavioral Shocks: The Economic Consequences of a Chlorine Terrorist Attack in the Los Angeles Financial District", in P. Nijkamp, A. Rose and K. Kourtit, editors, *Regional Science Matters – Studies Dedicated to Walter Isard*, Springer Verlag, Berlin.
- Giesecke, J.A. and J.R. Madden (2013), "Regional computable general equilibrium modeling", in P.B. Dixon and D. Jorgenson, editors, *Handbook of Computable General Equilibrium Modeling*, North Holland.
- Anderson, K., J.A. Giesecke and E. Valenzuela (2009), "Distorted Agricultural Incentives and Australian Economic Development", pp. 339-377 in M. Gopinath and H. Kim, editors, *Globalization and the Rural-Urban Divide*, Seoul National University Press, Seoul Korea.
- Giesecke, J.A. and J.R. Madden (2007), "Regional adjustment to globalisation: developing a CGE analytical framework", pp.229-261 in R.J. Cooper, K.P. Dogaghy and GJD Hewings, editors, *Globalization and Regional Economic Modelling*, Springer-Verlag, Berlin.

Giesecke, J.A. and J.R. Madden (2006), "A large-scale dynamic multi-regional CGE model with an illustrative application", pp. 83-111 in Masayuki Doi, editor, *Computable General Equilibrium Approaches in Urban and Regional Policy Studies*, World Scientific Publishing, Singapore.

3. RECENT RESEARCH PAPERS:

Nassios, J., J.A. Giesecke, M. T. Rimmer, P. B. Dixon (2016), "A modelling framework for analysing the role of superannuation in Australia's financial system", Centre of Policy Studies Working Paper No. G-266, November 2016.

Nassios, J., J.A. Giesecke, M. T. Rimmer, P. B. Dixon (2016), "Comparing the Impacts of Financial Regulation in Australia and the United States via Simulation with Country-specific Financial CGE Models", Centre of Policy Studies Working Paper No. G-263, August 2016.

Giesecke, J.A., P.B. Dixon and M.T. Rimmer (2016) "The economy-wide impacts of a rise in commercial bank capital adequacy ratios", Centre of Policy Studies Working Paper No. G-261, May 2016.

Nassios, J. and J.A. Giesecke (2015), "The macroeconomic and sectoral effects of terrorism in the U.S.: A reconciliation of the CGE and econometric approaches", Centre of Policy Studies Working Paper No. G-256, October 2015

Dixon, P.B., J.A. Giesecke and M.T. Rimmer (2015), "Superannuation within a financial CGE model of the Australian economy", Centre of Policy Studies Working Paper No. G-253, June 2015.

Dixon, J.M., Dixon, P.B., Giesecke, J.A., Rimmer, M.T. 2014. *Quantifying "Dog Days"*. General Working Paper No. G-246, Centre of Policy Studies, Victoria University.

Mariano, M.J., J.A. Giesecke and N.H. Tran. 2014. *The Effects of Domestic Rice Market Interventions Outside Business-As-Usual Conditions For Imported Rice Prices*. General Working Paper No. G-245, Centre of Policy Studies, Victoria University.

Tran, N., L. Roos and J. Giesecke. 2012. *DIAC-TERM: A multi-regional model of the Australian economy with migration detail*. General Working Paper No. G-238, Centre of Policy Studies, Monash University, July 2012.

G. Verikios, M. Sullivan, P. Stojanovski, J. Giesecke and G. Woo. 2011. *The Global economic effects of pandemic influenza*. General Working Paper No. G-224, Centre of Policy Studies, Monash University, October 2011.

J.A. Giesecke, N.H. Tran, G.A. Meagher and F. Pang. 2011. *Growth and change in the Vietnamese labour market: A decomposition of forecast trends in employment 2010-2020*. General Working Paper No. G-216, Centre of Policy Studies, Monash University, March 2011.

4. RECENT CONFERENCE AND SEMINAR PAPERS:

- “Modelling the consequences of GST changes for state and territory economies”, (with N.H. Tran), Presentation to the Productivity Commission, Melbourne, 7th September 2017.
- “Modelling the consequences of GST reform for state and territory economies”, (with N.H. Tran). Presentation to the Federal Relations Tax Reform Workshop, The University of Adelaide, School of Economics, 28th August 2017.
- “Modelling the GST in the Victoria University Regional Model (VURM)”, (with N.H. Tran). Presentation to the National CGE Modelling Workshop, Victoria University, 21st July 2017.
- “Financial CGE model assessments of the economic effects of higher bank capital requirements in Australia and the U.S.” (with Jason Nassios, Peter Dixon and Maureen Rimmer), Presentation to the Federal Reserve Bank of San Francisco, San Francisco, 12th December 2016.
- “Financial CGE model assessments of the economic effects of higher bank capital requirements in Australia and the U.S.” (with Jason Nassios, Peter Dixon and Maureen Rimmer), Presentation to the U.S. International Trade Commission, Washington D.C., 5th December 2016.
- “Informing ex-ante event studies with macro econometric evidence on the structural and policy impacts of terrorism” (with Jason Nassios), Presentation to the Centre for Risk and Economic Analysis of Terrorism Events, University of Southern California, Los Angeles, 2nd December 2016.
- “Financial CGE model assessments of the economic effects of higher bank capital requirements in Australia and the U.S.” (with Jason Nassios, Peter Dixon and Maureen Rimmer), Presentation to the trade and macroeconomics seminar of the Economics Department of U.C Davis, 30th November 2016.
- “The economy-wide impacts of a rise in commercial bank capital adequacy ratios” (with Peter Dixon and Maureen Rimmer.), 19th Annual Conference on Global Economic Analysis, Washington D.C., U.S.A, June 2016.
- “Superannuation within a financial CGE model”, (with Peter Dixon and Maureen Rimmer.), Seminar presentation to the Economics Group, University of Technology Sydney, Sydney, 5th August 2015
- “Regionally Targeted Migration Policy as an Instrument for Regional Development: A General Equilibrium Assessment.” (with Nhi Tran, Louise Roos, and John Madden), 18th Annual Conference on Global Economic Analysis, Melbourne, Australia, 2015.
- “Superannuation within a Financial CGE Model of the Australian Economy.” (with Peter Dixon and Maureen Rimmer.) 18th Annual Conference on Global Economic Analysis, Melbourne, Australia, 2015.

- “Forecasts of Future Labour Market Requirements for Oman: An Application of the OMAGE Model.”, (with Philip Adams and Nhi Tran) 18th Annual Conference on Global Economic Analysis, Melbourne, Australia, 2015.
- “The Effects of Domestic Rice Market Interventions Outside Business-As-Usual Conditions For Imported Rice Prices”. (With M.J. Mariano and N.H. Tran.). Paper presented to the Australian Conference of Economists, 1 – 4 July 2014, Hobart, Tasmania.
- “Quantifying ‘Dog Days’”. (With J.M. Dixon, P.B. Dixon, and M.T. Rimmer). Paper presented to the Australian Conference of Economists, 1 – 4 July 2014, Hobart, Tasmania.
- “Regional Dynamics under Adverse Physical and Behavioral Shocks: The Economic Consequences of a Chlorine Terrorist Attack in the Los Angeles Financial District”, Victoria University College of Business Seminar, 8th April 2014.
- “Rice land designation policy in Vietnam and the implications of policy reform for food security and economic welfare”, (With Nhi Tran, Erwin Corong, and Steve Jaffee). Paper presented to the National CGE Modelling Workshop, Members Dining Room 1, Old Parliament House, 19 November 2012.
- “Regional economic impacts in the presence of interregional migration: A CGE explanation”. (with J.R. Madden). Paper presented to 58th Annual North American Meetings of the Regional Science Association International, Miami FL, November 9 - 12, 2011.
- “Economic consequences of an industrial chlorine site terrorist attack in Los Angeles: Implications for emergency management and recovery decision-making.” (with A. Rose, T. Muehlenbeck, W. Burns and A. Barrett). Paper presented to the European Regional Science Association 2011 Congress, 30th August – 3rd September, Barcelona, Spain.
- “Modelling major projects: what are the factors that determine net social benefits?” (with J.R. Madden). Paper presented to the 4th GfR Summer Conference in Regional Science, Dresden, June 30 – July 1, 2011.
- “Growth and change in the Vietnamese labour market: A decomposition of forecast trends in employment over 2010-2020”. (with N. H. Tran, G.A. Meagher and F. Pang). Paper prepared for the 14th Annual Conference on Global Economic Analysis, Ca' Foscari University of Venice, San Giobbe Campus, Venice, Italy, June 16-18, 2011
- “The economic costs of investment inefficiencies associated with corruption in Vietnam”. (with N.H. Tran and Huong Thi Lan Pham). Paper prepared for the 14th Annual Conference on Global Economic Analysis, Ca' Foscari University of Venice, San Giobbe Campus, Venice, Italy, June 16-18, 2011.
- “The Global Economic Effects of Pandemic Influenza”. (with G. Verikios, M. Sullivan, P. Stojanovski, and G. Woo) 14th Annual Conference on Global Economic Analysis, Venice, June 16-18, 2011.

Giesecke, J.A. and J.R. Madden. 2011. Interregional dispersion of impacts from regional economic shocks: A CGE explanation. Paper presented to 19th Annual International Input-Output Conference, Alexandria VA, June 13 - 17, 2011.

6. RECENT COMMISSIONED RESEARCH:

Development of a dynamic model of the Saudi Arabian economy (with P. Adams, L. Roos and N. Tran). Report to the Saudi Department of Commerce (in progress).

Economy-wide modelling of the Australian superannuation sector (with P.B. Dixon and M.T. Rimmer). Monash – CSIRO Superannuation Cluster, (in progress).

Development of a dynamic multi-regional fiscal model of the Italian economy (with M. Horridge and N. Tran). Report to the Italian Ministry of Finance (in progress).

The costs and benefits of financial regulation: a financial CGE assessment of a rise in commercial bank capital adequacy ratios (with P.B. Dixon and M.T. Rimmer), Project for the Centre for International Finance and Regulation, November 2015.

Superannuation and the allocative efficiency of capital supply (with P.B. Dixon and M.T. Rimmer) Project for the CSIRO Superannuation Cluster, 2015.

Development of a dynamic model of the Omani economy (with P. Adams and N. Tran). Report to Sultan Qaboos University, Oman, 2015.

Multi-country risk and economic implications of Ebola epidemic (with J.R. Madden and N. Tran) Collaborative study with Melbourne for Department of Foreign Affairs and Trade, 2015.

The macroeconomic impact of terrorism on the U.S. economy: reconciling econometric and CGE approaches (with J. Nassios and P. Dixon). Project for the Center for Risk and Economic Analysis of Terrorism Events (CREATE), University of Southern California, 2015.