

Daniel Pambudi

**Associate Director at Deloitte Access Economics
Melbourne**

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Daniel is a research economist and leading Computable General Equilibrium (CGE) modeller.

Key areas of expertise

- Economic modelling with regional, national, and global Computable General Equilibrium (CGE) models

Daniel has experience working with regional, national, global, and linking national and global CGE models. Daniel's work experience consists of working at the New Zealand Institute of Economic Research (NZIER), Australian Bureau of Agricultural and Resource Economics Sciences (ABARES), the Department of Agriculture in Canberra, the Food and Agriculture Organisation (FAO) in Rome, and Department of Economics at Monash University in Melbourne.

He was trained as an applied CGE modeller using Gempack software in the Centre of Policy Studies and holds a PhD degree in Economics from Monash University. After completing his PhD at the centre, his early career began at the Department of Economics at Monash University as a CGE modeller for five years. Then he worked for the FAO, the United Nations in Rome for two years. After which, he worked for ABARES in Canberra for eight months. Then he worked for NZIER in Wellington for three years and four months.

Currently, Daniel is an Associate Director at Deloitte Access Economics (DAE) Melbourne. Since joining DAE in September 2018, he has been involved in a number of consulting projects as a leading CGE modeller in Australia and New Zealand using skills that he gained from the previous professional experiences as a CGE modeller.

Professional experiences

- **Deloitte Access Economic (DAE), Melbourne Australia
September 2018 - present**

Work summary: Daniel has delivered a number of economic impact projects using the Deloitte Access Economics regional general equilibrium model (DAE-RGEM). Such projects include the increase of electricity prices in Australia, improvements regarding productivity in New Zealand leading exports, different train and tram procurement policies made to the Victorian economy, the establishment of an Advanced Manufacturing Centre, inbound and outbound trade missions, Climate Transition Modelling Applications for Australia, France, and Canada, and Change in labour qualifications and skills.

- **New Zealand Institute of Economic Research (NZIER), Wellington New Zealand
May 2015 - September 2018**
Work summary: He is a leading CGE modeller at the New Zealand Institute of Economic Research (NZIER), a consulting firm in Wellington. Since joining, he has delivered about thirty CGE projects. His clients include industry associations, central and local government bodies, and private companies. He has worked in the areas of primary, manufacturing, tourism, and service industries.
- **'Rumah Jawa' CGE Modelling, Melbourne
November 2013 - May 2015**
Work summary: as CGE modeller, he published some working papers with his collaborative teams in the following publications:

 - The Economic Impacts of Government Spending Cut: The Case of Indonesia, Journal of Advanced Research in Law and Economics, (Volume V, Winter), 2(10): 120– 135.
 - Effects of Reducing Tariffs in The Democratic Republic of Congo (DRC): A CGE Analysis, Economic Research Southern Africa (ERSA) working paper 467, October 2014.
 - Land Use in the Democratic Republic of Congo (DRC), Economic Research Southern Africa (ERSA) working paper 398, December 2013.
 - Wage Subsidy in the DRC: A CGE Analysis, Economic Research Southern Africa (ERSA) working paper 372, September 2013.
- **The Australian Bureau of Agricultural and Resource Economics and Sciences (ABARES), Department of Agriculture
April – November 2013**
Work summary: As a research officer, the Australian Bureau of Agricultural and Resource Economics and Sciences (ABARES), Department of Agriculture. He updated the Ausregion model database using Australian Bureau of Statistics Input-Output Tables 2005, farm surveys and national accounts data. Calibrating and testing the Ausregion model for dynamic simulations.
- **Food and Agriculture Organization (FAO) of the United Nations, Rome Italy.
November 2010 - April 2013**
Work summary: He was International Consultant: Global Perspectives Studies Team. He was updating databases for global model, Envisage, and to incorporate it in Envisage the agricultural abatement technologies developed originally in Livestock Information, Sector Analysis and Policy Branch (AGAL FAO) for a version of GTAP model, updating land use database by global agro-ecological zones, updating global livestock (cattle, dairy, sheep, pig and poultry) economic and emission database.
- **Department of Economics, Monash University, Melbourne
October 2005 - November 2010**
Work summary: He was a Research Fellow to estimate tourism contribution to Australian State/Territory economy and to model tourism policies affecting Australian tourism industry.

Qualification

- PhD in Economics, Centre of Policy Studies (CoPS), Monash University Melbourne, 2002-2006
- Masters in Political Science, Saitama University Japan, 1996-1998
- Bachelors in Economics and Development Studies, Gadjah Mada University Indonesia, 1988-1993.

Indonesian CGE model

- Pambudi, D. and Smyth. R., Making Indonesia more attractive to foreign investors: A Computable General Equilibrium analysis of reducing the risk premium in Central Java, Review of Urban and Regional Development Studies, Vol. 20, No.3, November 2008.
- Pambudi, D., McCaughey, N. and Smyth, R., Computable general equilibrium estimates of the impact of the Bali bombing on the Indonesian economy, Tourism Management 30 (2009).