

CURRICULUM VITAE

February 2017

A. CONTACT DETAILS Centre of Policy Studies
Victoria University,
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B. PERSONAL

Surname Roos
Name Elizabeth Louisa
Nationality Dual South African/Australian passports
Date of birth 14 November 1975

C. EDUCATION

2006 - 2012 Ph.D. in Economics, Centre of Policy Studies, Faculty of Business and Economics, Monash University, Australia.
Oct 2002 - Mar 2003 Exchange program (Socrates/Erasmus program), School of Business, Public Administration and Technology, University of Twente, The Netherlands.
Feb 2001 - Nov 2003 Master of Economics, University of Pretoria, South Africa.
Feb 1999 – Nov 2000 Honours in Economics, University of Pretoria, South Africa.
Feb 1996 - Nov 1998 Baccalaureus Commercii (BCOM) in Economics, University of Pretoria, South Africa.

D. EMPLOYMENT

Feb 2014 - present Research Fellow (Level B), Centre of Policy Studies, Victoria University, Melbourne.
Apr. 2011 – Jan 2014 Research Fellow (Level B), Centre of Policy Studies, Monash University, Melbourne.
July 2006 - Nov 2011 Tutor, Department of Economics, Monash University, Melbourne.
Feb. 2000 – May 2006 Lecturer, Department of Economics, University of Pretoria, South Africa.
Feb.1999 - Nov 1999 Tutor, Department of Economics, University of Pretoria, South Africa.
June 1999 – June 2002 Damelin (Hatfield), Lecturing Introductory Economics, Pretoria, South Africa.
June 1997 – April 2001 Bank teller at ABSA Bank (Centurion), South Africa.

E. TEACHING

2006 – present: Selected lecturing and tutoring responsibilities in one week intensive computable general equilibrium modelling courses organised by the Centre of Policy Studies, Monash University.

Examples are:

- Practical CGE Modelling course using the VUME model, November 2015, 2016 (Dubai).

- Practical CGE Modelling course in, February 2015, July 2014 (Melbourne), October 2013 (Melbourne), November 2011 (Uganda), July 2009 (Melbourne), December 2009 (Malaysia), Feb 2007 (Melbourne).
- Database course in July 2012 (Uganda).
- Dynamic CGE Modelling course in November 2012 (Uganda), September 2015 (Uganda);
- Regional CGE Modelling course in 2010 (Stellenbosch, South Africa), November 2008 (Pretoria, South Africa).
- Dynamic Regional CGE Modelling (TERM) course in August 2014 (Bandung, Indonesia), September 2013 (Warsaw).
- 2006 – 2015: Resident Economics tutor at Mannix College, affiliated with Monash University.
- 2012 – 2013: Lecturing *Quantitative Economic Policy (ETC4430)*, Centre of Policy Studies, Monash University, Australia.
- 2006-2011: Tutoring Microeconomics (ECC1000), Macroeconomics (ECC1100), Department of Economics, Monash University.
- 2000-2006: Lecturing *Introductory Micro (EKN110) and Macroeconomics (EKN120)*, *Honours Macroeconomics (MEK780)* and *Honours Development Economics (EOG780)*, Department of Economics, University of Pretoria, South Africa.
- 1999: Tutoring *Microeconomics (EKN110, EKN120)*, Department of Economics, University of Pretoria, South Africa.

F. PUBLICATIONS

Journal articles

- Roos, E.L., Adams, P.D., and van Heerden, J.H. (2015). *Construction a CGE database using GEMPACK for an African country*. Computational Economics. Volume 46, Issue 4, Page 495-518.
- Roos E.L and Giesecke J.A. (2014). *The economic effects of lowering HIV incidence in South Africa: a CGE analysis*. Economic Modelling, Volume 39, April 2014, pp 123-137.
- Roos E L. and Jordaan A. C. (2006). *Access to information and communication: Estimating the determinants of Internet usage in South Africa*. Journal for Communication Sciences in Southern Africa Vol 25, Issue 1, Jul, Pages: p.1-22.

Articles under review

- Kilimani, Nicholas., Van Heerden, J.H., Bohlmann, H., and Roos, L. (2016) *Counting the cost of drought induced productivity losses in an agro-based economy: The case of Uganda Global Environmental Change*. Agricultural Water Management.

Book chapters

- Tran, N., 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.

Working papers

- Dixon, P., Rimmer, M. and Roos, L. (2014). *Adding financial flows to a CGE model of PNG*. Centre of Policy Studies Working Paper Series, G-242. <http://www.copsmodels.com/elecpar/g-242.htm>

- Roos, E.L. (2013a). *Modelling the impact of HIV/AIDS: A literature review*. Centre of Policy Studies Working Paper Series, G-233. <http://www.copsmodels.com/elecpr/g-233.htm>
- Roos, E.L. (2013b). *Construction of a database for a dynamic CGE model for South Africa*. Centre of Policy Studies Working Paper Series, G-234. <http://www.copsmodels.com/elecpr/g-234.htm>
- Roos, E.L. (2013c). *Labour-market database for South Africa with HIV/AIDS detail*. Centre of Policy Studies Working Paper Series, G-235. <http://www.copsmodels.com/elecpr/g-235.htm>
- Roos, E.L. (2013d). *Developing a baseline forecast for a South African dynamic CGE model (SAGE-H) with HIV/AIDS detail*. Centre of Policy Studies Working Paper Series, G-236.
- Roos, E.L. (2013e). *Theoretical specification of a labour-supply module, including HIV/AIDS, for South Africa*. Centre of Policy Studies Working Paper Series, G-241. <http://www.copsmodels.com/elecpr/g-241.htm>
- Tran, H., Roos, L., and Giesecke, J. (2012). *DIAC-TERM: A Multi-regional model of the Australian economy with migration detail*. Centre of Policy Studies Working Paper Series, G-238. <http://www.copsmodels.com/elecpr/g-238.htm>
- Roos, E.L., Adams, P., and van Heerden, J. (2012). *Construction and updating of a Ugandan CGE database*. Centre of Policy Studies Working Paper Series, G-226. <http://www.copsmodels.com/elecpr/g-226.htm>

Other publications

- Van Heerden, J.H., Bohlmann, H.R., Giesecke, J.A., Makochekanwa, A., Roos, E.L. (2007). *Higher Education Impact: Universities in the South African Economy*. Higher Education South Africa, Pretoria.

G. CONFERENCE PAPERS

- Adams, P. and Roos, E.L. Structural Reform in the Gulf Cooperation Council Region – Case study (1) Taxation reform in Saudi Arabia. Presented at the 19th Annual Conference on Global Economic Analysis, Washington DC, United States. 7-9 June 2016.
- Horridge, J.M., Roos, E.L., and Yusuf, A. *Creating a baseline simulation using IndoTERM (2006-2030)*. Presented at the 23rd Pacific Conference of the Regional Science Association International (RSAI) & the 4th Indonesian Regional Science Association (IRSA) Institute. 2-4 July 2013.
- Roos, E.L., Adams, P., and van Heerden, J. *The economic impacts of newly discovered oil in Uganda, using a recursive dynamic CGE model*. Presented at the 16th Annual Conference on Global Economic Analysis, Shanghai, China. 12-14 June 2013.

H. COMMISSIONED STUDIES

- “A regional dynamic computable general equilibrium (CGE) model of South Africa”. In partnership with the Department of Economic at Pretoria University (UP) and the Gauteng Provincial Treasury (GPT). Duration February 2017 – March 2018.
- “To Construct, Apply and Transfer a Static and Dynamic Computable General Equilibrium (CGE) Model for Saudi Arabia”. For the National Industrial clusters Development Program (NICDP). Duration: August 2014 – April 2015. For this project, static and dynamic CGE models were developed as well as the appropriate databases. Static model (December 2014) and Dynamic model training (April 2014) courses were developed and presented in Saudi Arabia. Duration: August 2014 – April 2015.

- “*To Construct, Apply and Transfer a Static and Dynamic Computable General Equilibrium (CGE) Model for Jordan*”. For the Ministry of Planning. Duration: August 2013 –May 2014. For this project, static and dynamic CGE models were developed as well as the appropriate databases. Static model (October 2013) and Dynamic model training (March 2014) courses were developed and presented in Jordan. Duration: August 2013 – May 2014.
- “*INDOTERM30: A regional dynamic computable general equilibrium (CGE) model of Indonesia*”. In partnership with Centre for Economics and Development Studies (CEDS) Padjadjaran University and the National Planning Agency (BAPPENAS). AusAID PSLP-funded project. Duration January 2013 – June 2014.
- “*To Construct, Apply and Transfer a Static and Dynamic Computable General Equilibrium (CGE) Model for Uganda*”. For the Ministry of Finance, Planning and Economic Development. Static and dynamic CGE models were developed as well as the appropriate databases. Static (November 2011), Database (July 2012, 2015) and Dynamic training (November 2012, 2015) courses were developed and presented in Uganda. Duration: June 2011– June 2016.
- “*Build, run and transfer a dynamic regional CGE model of the Australian economy with migration-relevant labour market detail*”. For the Australian Department of Immigration and Citizenship. Duration: August 2011 – September 2012.

I. REFERRING OF PAPERS

Australian Journal of Agricultural and Resource Economics

Economic Research Southern Africa (ERSA)

J. SCHOLARSHIPS AND OTHER RECOGNITIONS

- 2006 - 2010: International Postgraduate Research Scholarship and Monash Graduate Scholarship to study for the PhD degree in Economics at Monash University, Australia.
- 2002 - 2003: Study bursary awarded from the University of Twente (The Netherlands) to be part of the Socrates/Erasmus exchange program.
- 2001: University of Pretoria Academic Achievement bursary for Postgraduate Study at the University of Pretoria.