

NICOLAS HERAULT

Nationality: French

Born: September 27, 1979

Research Fellow

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EDUCATION

Ph.D. Université Montesquieu – Bordeaux IV, France, **2006**.

Thesis Globalisation, Poverty and Inequality: A Computable General Equilibrium Microsimulation Analysis of the Impact of Trade Liberalisation in South Africa.

Supervisor Professor Jean-Pierre Lachaud

M.Sc. Development Economics

Université Montesquieu – Bordeaux IV, France, **2002**.

Thesis Globalisation, Poverty and Inequality.

B. Sc. Economics and Finance

Université Toulouse I and Université Bordeaux II, France, **2000**.

RESEARCH EXPERIENCE

Research Fellow, Melbourne Institute of Applied Economic and Social Research, **University of Melbourne**, March 2007-present.

Doctoral Research, Université Montesquieu – Bordeaux IV, Sept. 2002 to Sept. 2006

Building and linking a microsimulation model to a CGE model in order to assess the poverty and inequality impacts of trade liberalisation policies in South Africa.

Research Assistant, French Institute of South Africa, Johannesburg, April to June 2003

Involved in the research conducted by the *Institut de Recherche pour le Développement* (IRD) and the research department of the French Institute.

PUBLICATIONS

Peer reviewed journals

Hérault, N. (2010). Sequential Linking of Computable General Equilibrium and Microsimulation Models: A Comparison of Behavioural and Reweighting Techniques, *International Journal of Microsimulation* (forthcoming).

Creedy, J., Hérault, N. and Kalb, G. (2009). Abolishing the Tax-Free Threshold in Australia: Simulating Alternative Reforms, *Fiscal Studies*, vol. 30, no. 2, pp. 219-246.

Hérault, N. (2009). Les apports de la micro-simulation aux modèles d'équilibre général : application au cas de l'Afrique du Sud, *Economie et Prévision*, No. 187, 2009-1, pp. 123-135.

Hérault, N. (2008). L'impact de la libéralisation commerciale sur la pauvreté et les inégalités dans les provinces sud-africaines, *Economie Appliquée*, No. 3, pp. 132-156, Sep. 2008.

Hérault, N. (2007). Trade Liberalisation, Poverty and Inequality in South Africa: A CGE-Microsimulation analysis, *The Economic Record*, Vol. 83, Issue 262, pp. 317-328, Sep. 2007.

Hérault, N. (2006). Building and Linking a Microsimulation Model to a CGE Model for South Africa, *South African Journal of Economics*, Vol. 74:1, pp. 34-58, March 2006.

Book Chapters

Hérault, N. and Thurlow, J. (2010). Agricultural distortions, poverty and inequality in South Africa, pp. 331-356 in Anderson, K., Cockburn, J. and Martin, W. (eds), *Agricultural Price Distortions, Inequality and Poverty*, World Bank, Washington D.C.

Hérault, N. (2009). Labour Supply Modelling in Sequential Computable General Equilibrium-Microsimulation Models, pp. 3-11 in R.O. Bailly (eds), *Emerging Topics in Macroeconomics*, Nova Science Publishers, New York.

Reports

Buddelmeyer, H., Hérault, N., Kalb, G. and van Zijll de Jong, M. (2008). Disaggregation of CGE results into household level results through micro-macro linkage: Analysing climate change mitigation policies from 2005 to 2030, Melbourne Institute Report No. 9 ([Pdf file](#)).

Buddelmeyer, H., Hérault, N. and Kalb, G. (2008). 'Churn' within the Australian Tax and Transfer Systems of 2003/04 and 2008/09: An Analysis Using the Melbourne Institute Tax and Transfer Simulator (MITTS). Melbourne Institute of Applied Economic and Social Research, The University of Melbourne.

Working Papers

Hérault, N., Kostenko, W., Marks, G. and Zakirova, R. (2010). The Effects of Macroeconomic Conditions on the Education and Employment Outcomes of Youth, WP No. 2/10, Melbourne Institute of Applied Economic and Social Research, The University of Melbourne ([Pdf file](#)).

Hérault, N. and Thurlow, J. (2009). Agricultural distortions, poverty and inequality in South Africa, Agricultural Distortions Working Paper 104, World Bank, Washington D.C. ([Pdf file](#)).

Creedy, J. and Hérault, N. (2009). Optimal Marginal Income Tax Reforms: A Microsimulation Analysis, WP No. 23/09, Melbourne Institute of Applied Economic and Social Research, The University of Melbourne ([Pdf file](#)).

Hérault, N. and Kalb, G. (2009). Intergenerational Correlation of Labour Market Outcomes, WP No. 14/09, Melbourne Institute of Applied Economic and Social Research, The University of Melbourne ([Pdf file](#)).

Buddelmeyer, H., Hérault, N., Kalb, G. and van Zijll de Jong, M. (2009). Linking a Dynamic CGE Model and a Microsimulation Model: Climate Change Mitigation Policies and Income Distribution in Australia, WP No. 3/09, Melbourne Institute of Applied Economic and Social Research, The University of Melbourne ([Pdf file](#)).

Hérault, N. (2009). Sequential Linking of Computable General Equilibrium and Microsimulation Models, WP No. 2/09, Melbourne Institute of Applied Economic and Social Research, The University of Melbourne ([Pdf file](#)).

Creedy, J., Hérault, N. and Kalb, G. (2008). Abolishing the Tax-Free Threshold in Australia: Simulating Alternative Reforms, WP No. 15/08, Melbourne Institute of Applied Economic and Social Research, The University of Melbourne ([Pdf file](#)).

Creedy, J., Hérault, N. and Kalb, G. (2008). Tax Policy Design and The Role of a Tax-Free Threshold, WP No. 13/08, Melbourne Institute of Applied Economic and Social Research, The University of Melbourne ([Pdf file](#)).

Creedy, J., Hérault, N. and Kalb, G. (2007). Comparing Welfare Change Measures with Income Change Measures in Behavioural Policy Simulations. Melbourne Institute Working Paper, WP No. 21/07, Melbourne Institute of Applied Economic and Social Research, The University of Melbourne ([Pdf file](#)).

Hérault, N. (2005). Trade Liberalisation, Poverty and Inequality in South Africa: A CGE-Microsimulation analysis. Melbourne Institute Working Paper, WP No. 17/05, Melbourne Institute of Applied Economic and Social Research, The University of Melbourne ([Pdf file](#)).

Hérault, N. (2005). A Micro-Macro Model for South Africa: Building and Linking a Microsimulation Model to a CGE Model, Melbourne Institute Working Paper WP No. 16/05, Melbourne Institute of Applied Economic and Social Research, The University of Melbourne ([Pdf file](#)).

Hérault, N. (2004). Un modèle d'équilibre général calculable pour évaluer les effets de l'ouverture au commerce international : le cas de l'Afrique du Sud, Groupe d'Économie du Développement, Université Montesquieu – Bordeaux IV, Working Paper n°102 ([Pdf file](#)).

Hérault, N. (2003). Mondialisation et pauvreté : les faiblesses des modèles d'équilibre général calculables, Groupe d'Économie du Développement, Université Montesquieu – Bordeaux IV, Working Paper n°87 ([Pdf file](#)).

ACADEMIC CONFERENCE PRESENTATIONS

- 1) *IZA/OECD Workshop: Economic Crisis, Rising Unemployment and Policy Responses: What Does It Mean for the Income Distribution?*, OECD Conference Centre, Paris, France, 8-9th February 2010.
- 2) *The Economics of Intergenerational Mobility Conference*, Australian National University, Canberra, Australia, 30th November 2009.
- 3) *XXIV AIEL Conference of Labour Economics*, Sassari, Italy, 24-25th September 2009.
- 4) *2nd General Conference of the International Microsimulation Association*, Ottawa, Canada, 8-10th June 2009.
- 5) *Annual Congress of the AFSE*, University Paris La Sorbonne, France, 18-19th September 2008.
- 6) *23rd Annual Congress of the European Economic Association*, Milan, Italy, 27-31st August 2008.
- 7) *Conference on Agricultural Price Distortions, Inequality and Poverty*, World Bank Headquarters, Washington D.C., 16-17th November 2007.
- 8) *36th Australian Conference of Economists*, Hobart, Australia, 24-26th September 2007.
- 9) *8th Labour Econometrics Workshop*, University of New South Wales, Sydney, Australia, 13th August 2005.

INVITED SEMINAR/WORKSHOP PRESENTATIONS

- 1) Brown Bag Seminar, IZA, Bonn, Germany, 3rd February 2010.
- 2) Research Unit in theoretical and applied economics (GREThA), University Montesquieu – Bordeaux IV, France, 2nd October 2009.
- 3) Toulouse School of Economics, France, 1st October 2009.
- 4) LARE-efi, University Montesquieu – Bordeaux IV, France, 17th September 2009.
- 5) Centre interuniversitaire sur le risque, les politiques économiques et l'emploi (CIRPÉE), Laval University, Québec, Canada, 4th June 2009.
- 6) Institute for Employment Research workshop entitled "*Linking Microsimulation and Macro Models*", Nuremberg, Germany, 15-16th December 2008.
- 7) LARE-efi, University Montesquieu – Bordeaux IV, France, 22nd September 2008.

- 8) Research Unit in theoretical and applied economics (GREThA), University Montesquieu – Bordeaux IV, France, 15th September 2008.
- 9) Seminar of the Département Sociétés et Santé, Institut de Recherche pour le Développement (IRD), Dourdan, France, 23-25th October 2006.
- 10) Australian National University, Canberra, Australia, 25th October 2005.

OTHER ACADEMIC AND NON-ACADEMIC PRESENTATIONS

- 1) Social Policy Research Services 2009 Workshop, Department of Education, Employment and Workplace Relations, Canberra, Australia, 11-12th November 2009.
- 2) LSAY Policy Forum entitled "*Young people: Finding their way in a new era*", Melbourne, Australia, 10th November 2009.
- 3) Melbourne Institute Workshop Series, Melbourne Institute of Applied Economic and Social Research, The University of Melbourne, Australia, 19th May 2009.
- 4) Melbourne Institute Workshop Series, Melbourne Institute of Applied Economic and Social Research, The University of Melbourne, Australia, 25th November 2008.
- 5) Social Policy Research Services 2008 Workshop, Department of Education, Employment and Workplace Relations, Canberra, Australia, 28-29th October 2008.
- 6) Melbourne Institute Workshop Series, Melbourne Institute of Applied Economic and Social Research, The University of Melbourne, Australia, 11th September 2007.
- 7) Melbourne Institute Workshop Series, Melbourne Institute of Applied Economic and Social Research, The University of Melbourne, Australia, 9th August 2005.
- 8) Workshop entitled "*The next generation: Building a bridge between microsimulation, life-cycle, and macroeconomic models*", Melbourne Institute of Applied Economic and Social Research, The University of Melbourne, Australia, 9th May 2005.
- 9) PhD seminar, Centre d'Économie du Développement (IFReDE-GRES), Université Montesquieu – Bordeaux IV, France, 15th June 2004.

REFEREE ACTIVITIES

Journal of Applied Economics
 International Journal of Microsimulation
 Economic Modelling
 Recherches Economiques de Louvain - Louvain Economic Review
 Australian Economic Review

GRANTS AND FELLOWSHIPS

2008

University of Melbourne Early Career Researcher Grant, \$AU11,500, to work on a project entitled "Labour Supply Modelling in CGE-Microsimulation Models".

Oct. 2002 to Sept. 2005

Doctoral Research fellowship, French Ministry of Education, Research and Technology.

Oct. 2001 to Sept. 2002

Graduate scholarship for a Master program, French Ministry of Education, Research and Technology.

COMMISSIONED RESEARCH

The Australian (newspaper): Project design to investigate recent changes in the Australian tax and transfer system.

Garnaut Climate Change Review: Project designed to analyse the distributional effects of climate change and mitigation policies in Australia.

The World Bank: The Impact of Agricultural Price Distortions on Poverty and Inequality in South Africa.

Department of Education, Employment and Workplace Relations (DEEWR, Australia):

- 1- Project designed to look at the effect of macroeconomic conditions on the education and employment outcomes of youths in school-to-work transition.
- 2- Project designed to look at the intergenerational correlation of labour market outcomes in Australia.
- 3- Project designed to examine the dynamics of household joblessness.

Australian Labor Party (ALP): Project to evaluate the Australian Labor Party's alternatives for extensions to the child care benefit and child care tax rebate.

National Centre for Vocational Education Research (NCVER, Australia):

- 1- - The role of VET in preventing the scarring effects of youth joblessness.
- 2- - The effect of VET completion on wages of young people.

Groupe d'échange et de recherche technologiques (GRET, France): Reporting on an OECD conference entitled "How Are Globalisation and Poverty Interacting, and What Can Governments Do About It?"

PHD STUDENT SUPERVISION

Somvang Phimmavong. His thesis topic is "The effect of forest plantation development: Evidence from regional economic analysis in Khammoune, Central Laos", Co-supervisor with Rod Keenan, Barbara Ozarska and Ian Ferguson.

TEACHING EXPERIENCE

Oct. 2002 to Feb. 2007

Assistant lecturer at the University Montesquieu – Bordeaux IV in microeconomics, mathematics and monetary economics.

SKILLS AND QUALIFICATIONS

Languages: French (native), English (reading, writing, and speaking: fluent), limited proficiency in Spanish

Software: SAS, STATA, GAMS, GAUSS, ORACLE, Microsoft OFFICE, WinDev, Dreamweaver

Programming languages: HTML4, Turbo Pascal, SQL