

CURRICULUM VITAE

I. Personal Information

Name: Luis Carlos **Jemio**
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II. Academic Background

1. **Ph.D in Development Economics**, Institute of Social Studies, The Hague, The Netherlands, 1988-1993. Thesis: Micro- and Macroeconomic Adjustment in Bolivia (1970-89): A Neo-structuralist Analysis of External Shocks, Adjustment and Stabilization Policies.
2. **Master in Development Economics**, Institute of Social Studies, The Hague - The Netherlands, 1986-1987. Thesis: A Social Accounting Matrix for Bolivia.
3. **Information System Analyst**, at PLANACAP, a joint training programme between the University of Chile, Catholic University of Chile, University of Santiago and the Chilean Data Processing State Enterprise (ECOM), on data management and data processing administrative systems. Santiago, Chile, 1981-1982.
4. **Commercial Engineer**, with a major in finance, University of Chile. Valparaiso-Chile, 1976-1980. Thesis: A Computational Model to Simulate a Manufacturing Firm's Profit Balance.

III. Languages

Fluent in English and Spanish

IV. Working Experience

Current Job

Senior Researcher at the Institute for Advanced Development Studies (INESAD): INESAD is a private research institution in the areas of macroeconomic and public policy, public sector decentralization, fiscal and public debt sustainability, pension reform, labour market and employment, poverty and inequality; foreign trade and competitiveness, financial sector development, macroeconomic and econometric modelling, CGE modelling. www.inesad.edu.bo (2007 -). Among the most important projects undertaken are:

- i. Participate as lecturer in the training course: "Economic Evaluation: Climate Change and Glacial Erosion", on methodologies to assess the economic impacts of climate change. These training courses were delivered in the cities of La Paz, Lima and Quito during on month (January 2013) to 86 participants, including government authorities and technical staff of government institutions of these three countries (2013).
- ii. Prepare a background paper on "Alternative Measurement of Sustainability and Inclusiveness, with applications to the case of Bolivia". This paper was written as part of the European Report on Development (ERD) 2011/1012, Overseas Development Institute (ODI), April-November 2011.

- iii. Assemble a set of “Environmental-Economic Accounts for Bolivia”, based on the Integrated Environmental and Economic Accounting Methodology. Project sponsored by Conservation International Bolivia (CI) (August-November 2010).
- iv. Research on the effects of the Global Financial Crisis on LDCs attainment of MDGs: The case of Bolivia, project led by the Overseas Development Institute (ODI) of London (April-May 2010).
- v. Analysis of the International Cooperation in Paraguay, and its impact on the country’s competitive development. Short-term consultancy for the Technical Planning Secretary of Paraguay (STP). Project sponsored by the European Commission (November-December 2009).
- vi. Analysis of the macroeconomic and sectoral impacts of climate change and deforestation on the Bolivian economy. Analysis of different scenarios through a Computational General Equilibrium (CGE) Model. Assessment of the economic costs of adaptation and mitigation strategies. This research was carried out as part of the ERECC-Bolivia Project, sponsored by the IADB, ECLAC and the Bolivian Government.
- vii. Study of the determinants of deforestation and climatic change and its impacts on the Bolivian economy. Evaluation of the macroeconomic and sectoral impacts of different policy interventions aimed at reducing deforestation. Research carried-out for the Clean Development Office (ODL) of the Vice-ministry of Environmental and Territorial Planning of Bolivia. The project was funded by the World Bank.
- viii. Study on “The Global Financial Crisis (GFC) and Developing Countries”, project led by the Overseas Development Institute (ODI) of London. The Project’s focused on the assessment of the potential effects of the financial crisis in developing poor countries. More specifically, how the GFC would likely impact the external, fiscal and monetary sectors, growth, employment, inequality and poverty in poor developing economies (2009), London (January-July, 2009).
- ix. Follow-up Study on “The Global Financial Crisis (GFC) and Developing Countries”, project led by the Overseas Development Institute (ODI) of London. The Project’s focus was the assessment of the effects of the financial crisis on developing poor countries. Participated as speaker in the seminar where the final version of the papers were presented, London (September-December 2009).
- x. Study of the processes of Reforms and Counter-reforms in Bolivia and their effects on productivity. Research carried out as part of the Research Project on “The Political Economy of Productivity”, sponsored by the Inter-American Development Bank (IDB), under its Research Institutions Network Program, Washington (June, 2008).
- xi. Study of Bolivia’s labor market, with emphasis on the segmented nature of the labor market and on the impact of the structural reforms implemented over the past 20 years on the labor market behavior. Research carried-out as part of the Project on “Employment and Income in Bolivia, Paraguay and Peru: Analysis of the relation between the labor supply and demand in urban and rural areas”, sponsored by the International Development Research Center (IDRC) of Canada (2008-2009).
- xii. Study of the determinants of migration and the macroeconomic and microeconomic impacts of remittances. The project was aimed at finding the policy implications in order to reduce migration and its negative effects. The project was sponsored by the Konrad Adenauer Foundation, Rio de Janeiro, Brazil.
- xiii. Study for the evaluation of “Public Sector Expenditure Efficiency in Latin America”. Project sponsored by the Conrad Adenauer Foundation. Participated as speaker in the seminar where the final paper of this research study was presented, Rio de Janeiro-Brazil (March, 2008).
- xiv. Participated as speaker in the seminar on the Global Financial Crisis (GFC) and Developing Countries-First Phase, organized by the Overseas Development Institute, in London (January 2009).
- xv. Participated as speaker in the seminar on the Global Financial Crisis (GFC) and Developing Countries-Second Phase, organized by the Overseas Development Institute, in London (September 2009).
- xvi. Participated as speaker in the II Meeting of RIEM (International Experts on Microeconomics and Migration), in Madrid (March 27, 2009).

- xvii. Participated as speaker in the Seminar “Twenty Years of Investing in Human Capital: The Joint Japan/World Bank Graduate Scholarship Program”. A Commemorative Conference at Keio University, Tokyo (June 6, 2007).
- xviii. Participated as speaker in the Seminar on “Economic Policies for Latin America”, at CORDES- Corporation for Development Studies of Ecuador, Quito (October, 2007).
- xix. Participated as discussant in the Annual PEGNET Conference on “Researchers Meet Practitioners”, Berlin (September 6-7, 2007)
- xx. Construction and analysis of alternative scenarios of fiscal decentralization in Bolivia. A simulation model was constructed in order to evaluate alternative schemes of fiscal revenue distribution among the various governmental levels in Bolivia, national and sub-national. This model was constructed with the aim of evaluating horizontal and vertical asymmetries resulting for each of the different alternative schemes of fiscal resources allocation. (Project sponsored by USAID-Bolivia)
- xxi. Analysis of the Bolivian Financial System behavior over the last 25 years, from a macroeconomic and a sectoral perspective. This research comprised the analysis of the Bolivian financial system’s behavior in response to the structural reforms implemented in the last two and a half decades, i.e. financial regulation and oversight reform, privatization of public enterprises, pension reform, central bank independence, etc. as well as the effects of the external shocks and policies implemented over this period on the financial sector. (Project sponsored by CAF)
- xxii. Debt sustainability analysis of the Bolivian public sector, including a sensibility analysis of fiscal sustainability in response to changes in different macroeconomic variables, including economic growth, interest rates, exchange rate devaluation, inflation, and alternative debt relief initiatives. (Project sponsored by IDB)
- xxiii. Study on the “Hydrocarbon Industry in Latin America: Challenges and Determinants”. This project was sponsored by the Institute of Superior Studies in Administration (IESA) of Caracas-Venezuela. Participated as speaker in the closing seminar of the project, where the final results of the project were presented. Caracas-Venezuela (October, 2007).
- xxiv. Participated as key speaker in seminar on “The Bolivian Economy: Performance and Outlook” at the Center for Strategic and International Studies, Washington DC (July, 2005)

Previous Jobs

1. **Team Leader in the EU funded project for the Support of the Agency for Supervision of Fully-Funded Pension Insurance (MAPAS) — Macedonia.** Team Leader in the EU funded Project for the Agency for Supervision of Fully-Funded Pension Insurance (MAPAS) — Macedonia. The project objective is to provide MAPAS with technical assistance to strengthen its supervisory practices through capacity building and improved organisational management including strategic and business planning, business work processes, research/knowledge management and IT development. It is foreseen that ISO 9001 will be implemented during the Project. FYR of Macedonia, (January 2011 to July 2012)
2. **Member of the Board of Directors of the Fortaleza Financial Group SRL:** Fortaleza is a financial group, operating at the national level, in the areas of microcredit, insurance services, leasing, investment funds, international factoring and brokerage, La Paz, 2007-2010.
3. **Minister of Finance of Bolivia and chief of the economic cabinet, Governor for Bolivia at the World Bank, Inter American Development Bank and Andean Development Corporation (President of the Board of Directors in 2005).** Promoted the implementation of the Strategy for the Strengthening of the Public Finances in Bolivia, which was a comprehensive reform strategy aimed at improving the overall functioning of the Ministry of Finance, covering the areas of: tax administration, budgeting, treasury management, domestic public debt management, public investment control system. During this period, the Bolivian economy regained fiscal sustainability, as the fiscal deficit was reduced from 9% of GDP in 2002 to 2.1% in 2005. The reduction in the public deficit was attained without affecting pro-poor expenditures and through improvements in the quality of public expenditures. La Paz, 2004-2005
4. **Senior economist at the Andean Development Corporation (CAF).** Responsible for: i) the follow-up of the Bolivian and Chilean economies, preparing monthly and annual reports on the economic performance of these two countries; ii) coordinating CAF’s Country Strategy Paper (CSP), which outlined the Corporation’s annual financial and technical support program to the country; iii) preparing and negotiating with Bolivian authorities, the “conditionality policy matrix” attached to the budget-

support lending operations of CAF to the Government of Bolivia; iv) carrying out the economic appraisal of infrastructure projects funded by CAF in Bolivia; v) supervising and coordinating CAF project on competitiveness in Bolivia, comprising: cluster development, information and communication technology, red tape reduction, firm incubation etc.; vi) authoring several research papers on economic growth, fiscal sustainability, public policies, employment, poverty and inequality, competitiveness and macroeconomic modelling, financial sector development, which were published by CAF, ILO, and the Kiel Institute of World Economics (IWE). Caracas and La Paz, 1999-2004.

5. **Coordinator and chief specialist in a project to develop a System of Social Indicator for the Strengthening of Social Policy Analysis (SISAPS)** implemented by the National Institute of Statistics of Bolivia and sponsored by IDB. The project's objectives were: i) the construction of a social indicators system (SIS) to support social policy design and analysis, and monitoring the impact of social projects on poverty amelioration; ii) the construction of an integrated system of economic and social accounts within the System of National Accounts, including a real-financial Social Accounting Matrix for the Bolivian economy; iii) the development of a CGE model for the Bolivian economy to analyze the impacts of shocks and alternative social and economic policy interventions; iv) the redesigning of household-surveys in Bolivia, along the lines of the MECOVI (Living Conditions Measurement) methodology. La Paz – Bolivia (1997-1999).
6. **Consultant for the Economic Commission for Latin America and the Caribbean (ECLAC)**, in the ECLAC's project on Growth, Employment and Equity in Latin America and the Caribbean, performing the following tasks: i) coordinating the project's module on Bolivia, organising the team of local researchers and preparing the seminars for the presentation of the project's results and publications; ii) carrying-out the research on the project's module on Employment and Growth and on the module on Poverty and Inequality: the Bolivian case. The final results and findings of this research project were published in a book "Fifteen Years of Structural Reforms in Bolivia". Santiago-Chile (1997-1999).
7. **International Consultant for UNDP to the Government of Honduras**. Responsible for devising an organisational building program, a fund raising strategy and a middle-term research program for UDAPE, the Honduran Government's think-tank for economic policy design and analysis. Tegucigalpa, Honduras, 1997.
8. **Local contributor to the Quarterly Reports and Country Profile for Bolivia**, published by the Economic Intelligence Unit (EIU). In charge of writing the economic parts of both reports, which comprised the analysis of macroeconomic and sectoral trends, and the performances of the fiscal sector, balance of payments, monetary policy, financial sector, inflation, exchange rate and employment. La Paz-Bolivia, 1998-1999.
9. **Executive Director of UDAPE, the Bolivian Government's think-tank for economic policy analysis**. Participation in the group of local and international experts that designed and implemented the structural reforms carried out in Bolivia between 1994 and 1997. The reform package comprised the privatization of public enterprises and the design of sectoral regulatory frameworks for the hydrocarbons, telecommunication and electricity sectors. Participate in the implementation of other reforms carried-out during that period, such as: pension reform and decentralization of the public administration. Assessment of the macroeconomic and sectoral impacts of the reform program. La Paz, Bolivia, 1994-1997.
10. **Executive Director of INE, the governmental national office of statistics**. Promote the development of a Geographic Information System (GIS) and promote the construction of an integrated system of National Accounts, including economic (real-financial), social and environmental accounts, utilizing the System of National Account Methodology (1993) developed by United Nations, OECD, Eurostat, World Bank and the IMF. La Paz- Bolivia, 1993-1994.
11. **Research fellow at the Institute of Social Studies, in the project "Money and Finance for Economic Development**. Construction of a SAM based dynamic, computational general equilibrium models for The Philippines and Thailand economies. Co-author in the publication of two research papers on "external shock, macroeconomic adjustment and stabilization models" for these two countries. The Hague - The Netherlands, 1992 - 1993.
12. **Macroeconomic analyst, expert on the construction of Social Accounting Matrices and Computational-General-Equilibrium-Models, at UDAPE**. Expert on the construction of real-financial Social Accounting Matrices (SAM), comprising the real and financial sectors, and Computational General Equilibrium Models (CGEM). The CGE model was utilized in two research projects undertaken by UDAPE, which were: i) Assessment of the impacts of the coca economy on the Bolivian economy; ii) Assessment of Public Investment efficiency in Bolivia. The results of these two research projects were utilized for actual policy design by the Bolivian Government. La Paz, Bolivia, 1986, 1989 - 1990.
13. **Expert on short-term macroeconomic forecast, at the Economic Research Department, Central**

Bank of Bolivia. In charge of carrying out short to middle term forecasts of the main macroeconomic variables, e.g. GDP, sectoral value added, aggregate demand, by means of an input-output Leontief model. La Paz, Bolivia, 1984 – 1986.

14. **Expert on the construction of short-term sectoral indicators, in the National Accounts Department, at the Central Bank of Bolivia.** Responsible of developing short-term quantum, volume and price indexes for the agricultural, manufacturing, mining, hydrocarbons, electricity and construction sectors. La Paz, Bolivia 1982 - 1984.
15. **Advisor to the General Manager at IRT, a radio and TV set assembling firm.** Formulate the annual budget for the company and constructing a computational simulation model to carry out sensitivity analysis of the budget results, through simulation exercises. Santiago - Chile, 1981-1982.
16. **Analyst of credits to firms at Finansur, a non-banking financial institution.** Carry out the assessment and follow up of Finansur clients' credit capacity. Santiago, Chile, 1981.
17. **Development projects appraisal, at the Development Department, Central Bank of Bolivia.** Participate in development project appraisal financed from concessional credit lines obtained by the Central Bank, and made available to the public through intermediary credit institutions of the Bolivian financial system. La Paz, Bolivia, 1978 - 1979.

V. Academic Experience

1. Lecturer on Fiscal Theory and Policy, Undergraduate Programme in Economics, at the Bolivian Private University (UPB), 2013.
2. Lecturer on Applied Economic Policy: Computable General Equilibrium Models, Ph.D. Programme on Economics, at the Bolivian Private University (UPB), 2012.
3. Lecturer on Macroeconomics, Fiscal and Monetary Policy, and Economic Development, in the Master Program on Economics at the Catholic University of Bolivia, 2006-2007.
4. Lecturer on Industrial Organization and Sectoral Regulation, in the MA and Ph.D programs on Business Administration, at UNIVALLE University, La Paz, 1997.
5. Invited lecturer on Foreign Trade in the seminar on International Trade and Trade Policies, at SPEAL, Seminars of Economic Policies for Latin America, Quito, Ecuador 1997.
6. Invited lecturer on the Bolivian Pension Reform Experience in the Seminar "Resolving the Global Social Security Crisis", Harvard University, Cambridge, Mass, 1997.
7. Lecturer on Economic Policy, Catholic University, La Paz-Bolivia, 1995-2004.
8. Lecturer on International Finance, Catholic University, La Paz-Bolivia, 1993.
9. Lecturer on Macroeconomics, Mathematics and Statistics in the Regional Development and Planning Programme at the Institute of Social Studies, The Hague-The Netherlands, 1991 - 1992.
10. Lecturer on Structuralist Macroeconomics at the Catholic University of Bolivia, La Paz, Bolivia, 1990.
11. Lecturer on Macroeconomics at the Universidad Mayor de San Andrés; La Paz, Bolivia, 1986.

VI. Publications

1. Bolivia y la Región Latinoamericana: Comportamiento Económico Regional Durante la Bonanza Económica, en El Desempeño Económico en el Vecindario, Coloqui Económico No. 24, Fundación Milenio, 2012. <http://www.fundacion-milenio.org/Coloquios-economicos/>
2. Alternative Measurements for Sustainable and Inclusive Growth: The Case of Bolivia, background paper to the European Report on Development 2011/2012: Confronting scarcity: Managing water, energy and land for inclusive and sustainable growth. Overseas Development Institute (ODI), Deutsches Institut für Entwicklungspolitik (DIE) and the European Centre for Development Policy Management (ECDPM). http://erd-report.eu/erd/report_2011/documents/dev-11-001-11researchpapers_jemio.pdf
3. Cuentas Ambientales: mediambiente y economía en Bolivia, Conservation International Bolivia (CI), Programa de Investigación Estratégica en Bolivia, La Paz, 2011. http://inesad.edu.bo/eBooks/cuentas_ambientales/files/jemio2011cuentasambientales.pdf
4. Labor Markets and Reforms in Bolivia, with B. Muriel, in "The Labor Market in Bolivia", Research Project sponsored by IDRC of Canada, under the Project on Employment and Income in Bolivia, Paraguay and Peru: Analysis of the Links Between Labor Demand and Supply in Urban and Rural Areas, Universidad Católica Boliviana, La Paz, May 2010.

5. Fiscal Decentralization in Bolivia, in Autonomy for La Paz, Fundación de Apoyo al Parlamento y a la Participación Ciudadana (FUNDAPPAC), La Paz, April 2009. <http://www.fundappac.org/index1.php>
6. Reforms and Counter-reforms in Bolivia, with F.Candia and J.L.Evia, IDB Working Paper Series No.IDB-WP-103, Inter-American Development Bank, Department of Research and Chief Economist, November 2009. http://www.plataformademocratica.org/Publicaciones/9828_Cached.pdf
7. Booms and Collapses of the Hydrocarbons Industry in Bolivia, Research Project: Determinants of the Evolution of the Hydrocarbons Sector in LAC, Instituto de Estudios Superiores de Administración (IESA), Caracas. http://inesad.edu.bo/pdf/wp09_2008.pdf
8. The GFC and the Bolivian Economy, with O.Nina, Global Financial Crisis Discussion Series Paper 3: Bolivia, Overseas Development Institute, London, May 2009. <http://www.odi.org.uk/publications/3306-global-financial-crisis-bolivia>
9. The GFC and the Bolivian Economy Phase 2 (Follow-up Study), with O.Nina, Global Financial Crisis Discussion Series Paper 13: Bolivia, Overseas Development Institute, London, January 2010. <http://www.odi.org.uk/publications/4720-global-financial-crisis-phase-2-bolivia>
10. Bolivia: Efficiency of Public Expenditure in Latin America, SOPLA, Konrad Adenauer Stiftung, Rio de Janeiro, 2008. Later published in Fiscal Expenditure and Common Welfare, Milenio Foundation, La Paz, 2013. <http://www.fundacion-milenio.org/Libros/gasto-fiscal-y-bien-comun.html>
11. Bolivia: Migration and Social Policies in Latin America, SOPLA, Konrad Adenauer Stiftung, Rio de Janeiro-Brazil, 2009.
12. Pension Reform in Bolivia, in: Pensions and retirement in Bolivia, Fundación Milenio, La Paz, September 2008. <http://www.fundacion-milenio.org/Libros/pensiones-y-jubilacion-en-bolivia.html>
13. Micro- and Macroeconomic Impacts of the Bonosol, in: The Prudent Investment, Fundación Milenio, La Paz, March 2007. <http://www.fundacion-milenio.org/Libros/la-inversion-prudente-impacto-del-bonosol-sobre-la-familia-la-equidad-social-y-el-crecimiento.html>
14. Debt, Crisis and Reform in Bolivia: Biting the Bullet, International Finance and Development Series, Palgrave, New York, 2001. <http://www.palgraveconnect.com/pc/doi/10.1057/9781403907400>
15. "Towards a More Employment-Intensive and Pro-Poor Economic Growth in Bolivia: Issues and Policies", in Fighting Poverty: The Development-Employment Link, Rizwanul Islam (editor), Lynne Rienner Publishers, Roulder, London, 2006. <http://ideas.repec.org/p/adv/wpaper/200618.html>
16. Volatilidad Externa y el Sistema Financiero en Bolivia, Informe de Consultoría elaborado para la Corporación Andina de Fomento, La Paz, March, 2006.
17. Modelo de Evaluación Económica de Proyectos de Inversión en Infraestructura, Informe de Consultoría elaborado para la Corporación Andina de Fomento, La Paz, March, 2006.
18. "Employment-Poverty Linkages and Policies: The Case of Bolivia", Carmen Choque (co-author) Issues in Employment and Poverty Discussion Paper 12. Geneva, ILO.
19. "Bolivia: Del ajuste fiscal a las políticas contracíclicas: la agenda fiscal necesaria", in Sostenibilidad Fiscal en la Región Andina, Corporación Andina de Fomento, Caracas, Venezuela, July 2004. <http://publicaciones.caf.com/media/1327/149.pdf>
20. Macroeconomic Impacts of External Shocks and Anti-shock Policies in Bolivia: A CGE Analysis, Kiel Working Paper No. 1100, The Kiel Institute of World Economics, March 2002. <http://www.econstor.eu/handle/10419/2730>
21. Macroeconomic Adjustment in Bolivia since the 1970s: Adjustment to what, by whom and how? Analytical Insights from a SAM model, Kiel Working Paper No. 1031, The Kiel Institute of World Economics, March 2001 <http://www.econstor.eu/handle/10419/17735>
22. Competitividad en la Región Andina, in Temas Críticos para América Latina, Corporación Andina de Fomento, Quito-Ecuador, 2002.
23. "Macroeconomía para la Competitividad", in Estado de Situación de la Competitividad en Bolivia, Sistema Boliviano de Productividad y Competitividad (SBPC), La Paz-Bolivia, 2002.
24. Crunch de Crédito en Bolivia, Documento de Políticas, Vicepresidencia de Estrategias de Desarrollo, Corporación Andina de Fomento, 2001.
25. Impacto de las exportaciones de gas al Brasil sobre la economía boliviana, Documento de Políticas, Vicepresidencia de Estrategias de Desarrollo, Corporación Andina de Fomento, 2000.
26. Bolivia: Geografía y Desarrollo Económico, con Morales R., Galoppo E. Choque MC y Morales N. Latin American Research Network Working Paper No. 387, Inter-American Development Bank Research Department, Washington, D.C., 2000. <http://www.iadb.org/res/publications/pubfiles/pubr-387.pdf>
27. Quince Años de Reformas Estructurales en Bolivia, with E. Antelo (editors), Universidad Católica Boliviana y CEPAL, La Paz-Bolivia, 2001.

28. Reformas, Crecimiento, Progreso Técnico y Empleo en Bolivia, Serie: Reformas Económicas No 33, Comisión Económica para América Latina y el Caribe, Santiago de Chile 1999. <http://www.rojasdatabank.info/eclacs/lcl1224.pdf>
29. Reformas, Políticas Sociales y Equidad en Bolivia, Serie: Reformas Económicas No 38, Comisión Económica para América Latina y el Caribe, Santiago de Chile 1999. <http://www.rojasdatabank.info/eclacs/lcl1274.pdf>
30. Pension Reform: Providing a Foundation for Secure Benefits for Future Generationas, in Beyond Orthodoxies: The Arto of Reform in Bolivia in the 1990s, J. Muñoz (editor), unpublished, 1997.
31. Ajuste Sectorial y Macroeconómico en Bolivia (1970-1989), Unidad de Análisis de Políticas Económicas (UDAPE), Análisis Económico, vol. 10, November. 1994, La Paz Bolivia. http://www.udape.gob.bo/portales_html/AnalisisEconomico/analisis/vol10/art02.pdf
32. Competitividad en Bolivia, with B. Requena and E. Antelo, Unidad de Análisis de Políticas Económicas (UDAPE), Análisis Económico, vol. 13, Jun. 1995, La Paz Bolivia. http://www.udape.gob.bo/portales_html/AnalisisEconomico/analisis/vol13/art06.pdf
33. Modelo de Evaluación de Impactos en Precios, with E. Cupé, Unidad de Análisis de Políticas Económicas (UDAPE), Análisis Económico, vol. 14, May. 1995, La Paz Bolivia. http://www.udape.gob.bo/portales_html/AnalisisEconomico/analisis/vol14/art01.pdf
34. Una Visión sobre las Perspectivas de Crecimiento de la Economía Boliviana a partir del Modelo de las Tres Brechas, with E. Antelo, Unidad de Análisis de Políticas Económicas (UDAPE), Análisis Económico, vol. 16, Jul. 1995, La Paz Bolivia. http://www.udape.gob.bo/portales_html/AnalisisEconomico/analisis/vol16/art02.pdf
35. A Computational General Equilibrium (CGE) Model for The Philippines, with Rob Vos, Working Paper, Money and Finance for Development Series, Institute of Social Studies: The Hague-The Netherlands, 1993. <http://lcms.eur.nl/iss/MFDwp45OCR.pdf>
36. A Computational General Equilibrium (CGE) Model for Thailand, with Karel Jansen, Working Paper, Money and Finance for Development Series Institute of Social Studies: The Hague-The Netherlands, 1993.