

# Osmel Manzano

## Curriculum Vitae

### Academic Appointments:

- 2019-today      Adjunct Professor.  
Walsh School of Foreign Service. Georgetown University, Washington, United States of America  
Instructor of Political Economy of Latin America and Energy Security in the Western Hemisphere. Capstone Advisor. Advisor of the Independent Study Program and the Undergraduate Research Opportunities Program
- 2018-today      Professorial Lecturer  
Elliott School of International Affairs. The George Washington University Washington, United States of America  
Instructor of Political Economy of Latin America, Economic Development of Latin American and the Seminar for the Global Capstone Program.
- 2014-2018      Adjunct Professor.  
McCourt School of Public Policy. Georgetown University, Washington, United States of America  
Instructor of Oil Economics and Policy.
- 2005-2018      Adjunct Professor.  
Instituto de Estudios Superiores de Administración, Caracas, Venezuela  
Instructor in the Executive Education Program. Associated Researcher.
- 2005-2006:      Visiting Fellow. Mossavar-Rahmani Center for Business and Government.  
John F. Kennedy School of Government. Harvard University
- 2005-2010      Adjunct Professor.  
2000-2005      Assistant Professor.  
Universidad Católica Andres Bello. Caracas, Venezuela.  
Member of the governing council for the Department of Economics (2001-2005), the undergraduate research projects' evaluation committee (2004-2005), and the special committee to review the research requirement for the Degree of Bachelor of Science (2004).  
Advisor of undergraduate and graduate theses.

### Professional Appointments:

- 2018-Present:      Regional Economic Advisor  
Inter-American Development Bank. Country Department for the Andean Region  
Leader of the team responsible of the economic work and macroeconomic monitoring the Andean region, for the IADB. Responsible of the quality and positioning of the IADB's analytical work in the region, ensuring that both internal and external stakeholders received high-quality and timely technical advice. Coordination of the knowledge agenda for the Region inside the Bank, with different sector units, and other donors. Led a team of 11 divisions inside the bank on a growth agenda for the region, and currently leading a team of 8 divisions inside the bank on a policy program for the forthcoming productive transition in the Andean region derived of the decarbonization agenda.

2014-2018: Regional Economic Advisor  
2011-2013: Principal Economist  
2007-2011: Lead Economist  
Inter-American Development Bank. Country Department for Belize, Central America, Mexico, Panama and the Dominican Republic.

Leader of the team responsible of the economic work and macroeconomic monitoring in Central America, Mexico and the Dominican Republic, for the IADB. Responsible of the quality and positioning of the IADB's analytical work in the region, ensuring that both internal and external stakeholders received high-quality and timely technical advice. Coordination of the knowledge agenda for the Region inside the Bank, with different sector units, and other donors. Launched an annual flagship publication -on structural development issues- and upgraded the Central American Macroeconomic Report.

2006 - 2007: Assistant Director. Coordinator of the Research Department.  
2001 - 2005: Coordinator of the Program for the Support of Research on Development Issues.  
2000 - 2001: Senior Economist.  
The Development Bank of Latin America (CAF). Office of the Chief Economist.

First Coordinator of the Research Department. Responsible of consolidating the work done in developing a research agenda in CAF and positioning it as a knowledge center. Creation of a knowledge network in the priority areas for CAF's clients. Engagement with internal and external stakeholders to ensure alignment of CAF's strategic priorities and the development challenge of the region.

## **Education**

Graduate Studies: Ph.D. in Economics, Massachusetts Institute of Technology, Boston, Massachusetts, June 2000.

Undergraduate Studies: Economist, Universidad Catolica Andres Bello (UCAB), Venezuela, 1993  
Class Valedictorian with Honors (*Cum Laude*)

## **Teaching and Research Interests:**

Resource Economics –including teaching experience in Energy Economics, Economic Development, Political Economy of Natural Resources, Political Economy of Development, Macroeconomics, Public Finance.

## **Honors, Scholarships, and Fellowships:**

2005-2006: Visiting Fellow in the Harvard-Repsol YPF Program.

Spring 2000: Center for Energy and Environmental Policy Research at MIT, Fellowship.

1995-1999: Petroleos de Venezuela Graduate Scholarship.

March 1995: Jose Felix Ribas Award for academic excellence from de Venezuelan Government.

1989-1993: Petroleos de Venezuela Undergraduate Scholarship.

## **Refereed or Invited Publications**

### **Journal articles**

- Balza, L., L. Diaz, N. Gomez-Parra, O. Manzano M., 2023, “The unwritten license: The societal SLO in Latin America’s extractive sector”, *Ecological Economics*, Volume 213, 2023, <https://doi.org/10.1016/j.ecolecon.2023.107942>.
- Balza, L., C. De Los Rios, A. Guerra, L. Herrera-Prada, O. Manzano, 2023, “Unraveling the network of extractive industries”, *Resources Policy*, Volume 85, Part B, 2023, <https://doi.org/10.1016/j.resourpol.2023.103823>
- Besfamilie, M., D. Jorrat, O. Manzano, B. Quiroga and P. Sanguinetti, 2023, “How Do Subnational Governments React to Shocks to Different Revenue Sources? Evidence from Hydrocarbon-Producing Provinces in Argentina”, *Journal of Urban Economics*, Volume 136, July 2023, 103558
- Canavire-Bacarreza, G., Deza, M. C., Manzano, O., & Puerta, A., 2022, “Revisiting tax effort in emerging markets”. *Public Finance Review*, 49(6), 845–873.
- Solano-Rodríguez, B., S., P. Li, P. Ekins, O. Manzano and A. Vogt-Schilb, 2021, “Implications of climate targets and fiscal policy on oil production and revenues in Latin America and the Caribbean”. *Energy and Climate Change*, Volume 2, December 2021
- Manzano, Osmel, and Jose L. Saboin 2021. "Reverse Causality between Oil Policy and Fiscal Policy? The Venezuelan Experience" *Energies* 14, no. 9: 2574. <https://doi.org/10.3390/en14092574>
- Gutierrez, J and. O. Manzano, “The subnational resource curse: Theory and evidence” *The Extractive Industries and Society*, Volume 6, Issue 2, April 2019, Pages 261-266, Elsevier.
- Manzano, O and D. Vernon, 2018, “Oil in Belize: New Sector in a Young Country”, *The Extractive Industries and Society*, Volume 5, Issue 3, July 2018, Pages 228-239, Elsevier.
- Manzano, Osmel and Francisco Monaldi, (2008), “The Political Economy of Oil Production in Latin America”, *Economia*, Vol. 9 No. 1, Brookings/LACEA Publications, Washington.
- Espinasa, R., S. Guerra, E. ter Horst, O. Manzano, G. Molina, R. Rigobon, 2017, “A Micro-Based Model for World Oil Market”, *Energy Economics* Volume 66, August 2017, Pages 431-449.
- Manzano, Osmel and Francisco Monaldi, (2008), “The Political Economy of Oil Production in Latin America”, *Economia*, Vol. 9 No. 1, Brookings/LACEA Publications, Washington.

#### **Other Refereed or Invited Publications**

- Gualdrón, L. y O. Manzano, 2022, “Venezuela” in Trojebicz, B., 2022, *Oil Wealth and Federal Conflict in American Petrofederations*, Elsevier, Netherlands.
- Manzano O., F. Navajas, A. Powell, 2018, *The Economics of Natural Resources in Latin America: Taxation and Regulation of the Extractive Industries*, Routledge Studies in Development Economics, Taylor & Francis Group LLC, New York
- Hernandez, I and Osmel Manzano, 2016, “Diversification in Latin American Oil Exporters: Was No Intervention a Better Policy Option?”, in Mahroum, Sami and Yasser Al-Salehl, editors, 2016, *Economic Diversification Policies in Natural Resource Rich Economies*, Routledge Explorations in Environmental Economics, Taylor & Francis Group LLC, New York
- Manzano, Osmel, 2015, “Managing Hydrocarbon Assets: A Comparison across the Atlantic”, in Álvarez Pelegrí, Eloy and Paul Isbell, editors, 2015, *The Future of Energy in the Atlantic Basin*, Center for Transatlantic Relations, The Johns Hopkins University, Washington
- Manzano, Osmel, 2014, “From Dependency Theory to Local Governance: Evolution of the Research on Extractive Industries and Development” in Cruz Vieyra, Juan and Malaika Masson, editors, 2014, *Transparent governance in an age of abundance: experiences from the extractive industries in Latin America and the Caribbean*, Inter-American Development Bank, Washington.
- Manzano, Osmel, 2013, “Venezuela after a Century of Oil Exploitation” in Hausmann, Ricardo and Francisco, Rodríguez, ed., 2013, *Venezuela Before Chávez: Anatomy of an Economic Collapse*. Penn-State University Press

- Tordo Silvana, Michael Warner, Osmel Manzano and Yahya Anouti, 2013, *Local Content in the Oil and Gas Sector*, World Bank Study. World Bank
- Garcia, Gustavo, Osmel Manzano and Andrew Powell, 2013, “Taxing Commodities with the Future in Mind” in Corbacho, Ana, Vicente Fretes and Eduardo Lora, ed., 2013, *More than Revenue: Taxation as a Development Tool*, Inter-American Development Bank and Palgrave Macmillan.
- Manzano, Osmel, Francisco Monaldi, Jose Manuel Puente and Stefania Vitale, 2012, “Venezuela” in Anderson, George, ed., 2012, *Oil and Gas in Federal Systems*. Oxford University Press
- Manzano, Osmel and Francisco Monaldi, (2010), “The Political Economy of Oil Contract Renegotiation in Venezuela” in Hogan, W. and F. Struzzenger, (2010), *The Natural Resources Trap: Private Investment without Public Commitment*, MIT Press, Cambridge.
- Manzano, Osmel, 2008, “El rol de los Recursos Naturales en el Desarrollo de América Latina [The role of Natural Resources for Development in Latin America]”, in José Luis Machinea y Narcís Serra (Eds.), *Hacia un nuevo pacto social. Políticas económicas para un desarrollo integral en América Latina [Towards a new social pact. Economic policies for a comprehensive development in Latin America]*. Santiago de Chile: Naciones Unidas. CEPAL; Barcelona: Fundació CIDOB, cop. 2008.
- Manzano, Osmel and Roberto Rigobon. 2006, “Resource Curse or Debt Overhang?” in Lederman, Daniel and William Maloney, ed., 2006, *Natural Resources and Development: Neither Curse nor Destiny*, Stanford University Press and The World Bank, Stanford.
- Jaramillo, Fidel and Osmel Manzano, 2001, “External Indebtness and Economic and Social Development”, in Franco, Andres, ed., 2001, *Financing for Development in Latin America and the Caribbean*, United Nations Press, Tokyo.

## Educational publications

- Manzano, Osmel, Rodolfo Mendez, Jose Pineda and German Rios, 2021, *Macroeconomics and Natural Resources*, Kendall Hunt, Dubuque.
- Manzano, Osmel, 2012, “El rol de los recursos naturales en el comercio internacional y el desarrollo [The role of natural resources in international business and development]”, Inter-American Institute for Economic and Social Development, 2012, *La Realidad Macroeconómica: Una Introducción a los Problemas y Políticas del Crecimiento y la Estabilidad en América Latina [The Macroeconomic Reality: An Introduction to Problems and Policies of Growth and Stability in Latin America]*, INDES Open Educational Resources. Available at: <http://www.iadb.org/en/indes/themacroeconomic-reality-an-introduction-to-problems-and-policies-of-growth-and-stability-in-latinamerica.4072.html>
- Manzano, Osmel, Rodolfo Mendez, Jose Pineda and German Rios, 2007, *Macroeconomía y Petróleo* [Oil and Macroeconomics], Pearson Education, Mexico.<sup>1</sup>
- España, Luis and Osmel Manzano (1995, 2003, 2009). “Venezuela y su Petróleo. El Origen de la Renta [Venezuela and its oil sector. The source of the revenue]”. *Cuadernos de Formación Socio-Política, No. 10*. Centro Gumilla
- España, Luis and Osmel Manzano (1995, 2003, 2009). “Venezuela y su Petróleo. El Destino de la Renta [Venezuela and its oil sector. The use of the revenue]”. *Cuadernos de Formación Socio-Política, No. 11*. Centro Gumilla.

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<sup>1</sup> This book is the result of a winning proposal presented to the IADB-Research Network Call for Proposals on Latin American Textbooks in Economics.

## Policy Articles or Chapters

- Beverinotti, J., M. Deza, and O. Manzano, 2020, “Los sectores productivos en la región andina frente a la COVID-19 [Challenges for productive sectors in the Andean Region from the COVID-19 pandemic]”, IDB Discussion Paper IDB-DP-00788, IDB Publications, Washington
- Manzano, O and J. Saboin, 2020, “Vulnerabilidades de la región andina ante la crisis derivada de la pandemia por Covid-19 [Vulnerabilities of the Andean Region to face the COVID-19 crisis]”, IDB Discussion Paper IDB-DP-00775, IDB Publications, Washington
- Abuelafia, E, L. Andrian, J. Beverinotti, L. Castilleja-Vargas, J. Díaz-Cassou, J. Hirs, O. Manzano and J. Saboin, 2020, LAC Post COVID-19: Challenges and Opportunities for the Andean Region, IDB Publications, Washington de la Cruz, R., M. Loterszpil and O. Manzano , 2020, “Accelerating growth and strengthening the middle class” in de la Cruz, R., M. Loterszpil y O. Manzano (editors), 2020, “How to Accelerate Economic Growth and Strengthen the Middle Class in Latin America”, IDB Monograph IDB-MG-782), IDB Publications, Washington
- Auguste, S., J. Linares and O. Manzano, “Potenciar la Inversion en Tiempos Inciertos [Boosting Investment in Uncertain Times]” in Manzano, O., L. Rivera, M. Ruiz-Arranz and A. Trejos, (editors), 2019, *El futuro de Centroamérica: Retos para un desarrollo sostenible [The future of Central America: Challenges for sustainable development]*. Inter-American Development Bank. Washington DC
- Maldonado Leonardo and Osmel Manzano, “Macroeconomic Challenges in the Region” in Prat, : Jordi and Marco Solera (editors), 2017, *Running Out of Tailwinds: Opportunities to Foster Inclusive Growth in Central America and the Dominican Republic. IDB Monograph IDB-MG-511*. Inter-American Development Bank. Washington DC
- Manzano, Osmel, 2012, “Los desafíos fiscales [Fiscal challenges]” in Izquierdo, Alejandro and Osmel Manzano, ed. 2012, “El Mundo Cambió: ¿Cambiará el Crecimiento en Centroamérica? [The World has changed: Will Central America’s growth path change?]”, IDB Publications, Washington.
- Auguste, Sebastian and Osmel Manzano, 2012, “Enfoque Metodologico [The Methodology of the Studies]” in Auguste, Sebastian and Osmel Manzano, eds., 2012, *¿Tiempo de Cosecha? Retos del Sector Agrícola en Centroamérica [Harvest Time? Challenges for the agricultural sector in Central America,]*, IDB Publications, Washington.
- Manzano, Osmel, 2010, “The Challenges of Managing Oil”, in Manzano, Osmel, Dougal Martin and Ernesto Stein, Eds., 2010, *Towards a Sustainable and Efficient State: The Development Agenda of Belize*, Publicaciones BID, Washington.
- Cuesta Bernal, Ana and Osmel Manzano, 2010, “Políticas de Competitividad [Competitiveness Policy]”, in Agosin, Manuel, Osmel Manzano, Rafael Rodriguez-Balza and Ernesto Stein, Eds., 2010, *La ruta hacia el crecimiento sostenible en la República Dominicana Republica Dominicana: Fiscalidad, Competitividad, Institucionalidad, Electricidad [The Path of Sustainable Growth in the Dominican Republic: Fiscal Management, Competitiveness, Institutions and Electricity]*, Publicaciones BID, Washington.
- Manzano, Osmel, 2008, “El sector de hidrocarburos como instrumento de desarrollo: la integración económica del sector de hidrocarburos en la región andina [Hydrocarbons and Development: The economic linkages of the oil sector in the Andean Region]”, in Castilla, Miguel, Ramon Espinasa, Peter Kalil y Osmel Manzano, ed., 2008, *Hacia la integración energética hemisférica: retos y oportunidades [Challenges and opportunities of the Hemispheric Energy Integration]* , Publicaciones CAF, Caracas.
- Acosta, Pablo, L. Miguel Castilla and Osmel Manzano (principal authors)<sup>2</sup>, 2007, “Estrategias para la generación de oportunidades en América Latina [Strategies for the generation of opportunities in

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<sup>2</sup> Reporte de Economía y Desarrollo is the annual flagship publication from CAF. Principal authors of the publication chapters use their own research as well as other people contributions to produce a survey of the main findings.

- Latin America]”, in Acosta, Pablo and Daniel Ortega, 2007, *Reporte de Economía y Desarrollo 2007-2008. Oportunidades en América Latina: Hacia una mejor política social [Opportunities in Latin America: Towards a better social policy in Latin America]*, Publicaciones CAF, Caracas.
- Manzano, Osmel and Jose Pineda (principal authors), 2007, “Gestión fiscal y política Social [Fiscal management and social policy]”, in Acosta, Pablo and Daniel Ortega, 2007, *Reporte de Economía y Desarrollo 2007-2008. Oportunidades en América Latina: Hacia una mejor política social [Opportunities in Latin America: Towards a better social policy in Latin America]*, Publicaciones CAF, Caracas.
- Manzano, Osmel (principal author), 2006, “La promoción de nuevos sectores [Promoting new activities]”, in Manzano, Osmel and Jose Pineda, 2006, *Reporte de Economía y Desarrollo 2006. Caminio a la Transformación Productiva en América Latina [The road to the productive transformation of Latin America]*, Publicaciones CAF, Caracas.
- Manzano, Osmel and Jose Pineda (principal authors), 2006, “La transformación productiva [The productive transformation]”, in Manzano, Osmel and Jose Pineda, 2006, *Reporte de Economía y Desarrollo 2006. Caminio a la Transformación Productiva en América Latina [The road to the productive transformation of Latin America]*, Publicaciones CAF, Caracas.
- Manzano, Osmel, 2004, “Efectos teóricos de los impuestos en el desarrollo de campos petrolero en Venezuela [Theoretical effects from the tax code upon oil field development]”, *Revista BCV*. Vol. XVIII. N° 2 Julio-Diciembre 2004, pp 157-160, Banco Central de Venezuela, Caracas
- Castilla, Miguel y Osmel Manzano, 2005, “El rol de las políticas sectoriales en una estrategia de transformación productiva [The role of sector oriented policies in the framewrok of a productive transformation strategy]” in Castilla, Miguel, Osmel Manzano and Juan Nagel ed., (2005), *Políticas sectoriales en la región andina*, Publicaciones CAF, Caracas.
- Manzano, Osmel (principal author), 2004, “Transformación productiva: Diversificación y agregación de valor [The productive transformation: adding value and diversifying]”, in Castilla, Miguel and Fidel Jaramillo, 2004, *Reporte de Economía y Desarrollo 2004. Reflexiones para retomar el crecimiento: Inserción internacional, transformación productiva e inclusión social*, Publicaciones CAF, Caracas.
- Castilla, Miguel y Osmel Manzano, 2004, “El resto de retomar la sostenibilidad fiscal en la región andina [The challenge of regaining fiscal sustainability in the Andean region]” in Castilla, Miguel, Fidel Jaramillo and Osmel Manzano eds. (2004), *Sostenibilidad fiscal en la región andina: Política e instituciones*. Publicaciones CAF, Caracas.
- Manzano, Osmel, 2002. “Vulnerabilidad Externa y Volatilidad Económica [External vulnerability and macroeconomic volatility]”, in Corporación Andina de Fomento, 2002, *Temas Críticos para América Latina en el Siglo XXI*, Publicaciones CAF, Ecuador.
- Manzano, Osmel, 1998, “Consideraciones para una revision de la tributacion petrolera venezolana [Considerations for the reform of the Venezuelan tax code for the oil sector]”, *Temas de coyuntura*, No. 38 Diciembre 1998, pp. 37-54, Publicaciones UCAB, Caracas.

## **Edited Policy Books**

- Balza, L., L. Diaz and O. Manzano (editors), 2023, “El sector extractivo como palanca para la transformación productiva [The extractive sector as a lever for productive transformation]”, *IDB Monograph IDB-MG-1141*, IDB Publications, Washington.
- Andrian, A and O. Manzano (editors), 2023, “New Horizons for Productive Transformation in the Andean Region”, *IDB Monograph IDB-MG-1022*, IDB Publications, Washington.
- de la Cruz, R., M. Loterszpil and O. Manzano (editors), 2020, “How to Accelerate Economic Growth and Strengthen the Middle Class in Latin America”, *IDB Monograph IDB-MG-782*, IDB Publications, Washington.

- Manzano, O., L. Rivera, M. Ruiz-Arranz and A. Trejos, (editors), 2019, *El futuro de Centroamérica: Retos para un desarrollo sostenible [The future of Central America: Challenges for sustainable development]*. Inter-American Development Bank. Washington DC
- Madonado, Leonardo and, Osmel Manzano, ed. 2016, “Weathering the storm: policy options for Central America and the Dominican Republic in an uncertain environment”, *IDB Monograph IDB-MG-419*, IDB Publications, Washington.
- Lagarda, Guillermo, Osmel Manzano y Jordi Prat, ed. 2015, “The Legacy of the Crisis: Policy Options in a Favorable Environment”, *IDB Monograph IDB-MG-291*, IDB Publications, Washington.
- Auguste, Sebastián, Mario Cuevas y Osmel Manzano, ed. 2015, *Partners or Creditors? Attracting Foreign Investment and Productive Development to Central America and Dominican Republic*, IDB Publications, Washington.
- Gutierrez, Priscilla and Osmel Manzano, ed. 2014, “Tiempo de Ajustar el Rumbo: Opciones de políticas ante el cambio en el entorno externo en Centroamérica y República Dominicana [Time to change course: Policy options for the changing external conditions in Central America and the Dominican Republic]”, *IDB Monograph IDB-MG-177*, IDB Publications, Washington.
- Cuevas, Mario, Osmel Manzano and Claudia Rodríguez, ed. 2014, *Promoviendo la Transformación Productiva: Políticas de desarrollo productivo en Centroamérica y la República Dominicana [Fostering Productive Transformation: Productive Development Policies in Central America and the Dominican Republic]*, IDB Publications, Washington.
- Izquierdo, Alejandro and Osmel Manzano, ed. 2012, “El Mundo Cambió: ¿Cambiará el Crecimiento en Centroamérica? [The World has changed: Will Central America’s growth path change?]”, IDB Publications, Washington.
- Auguste, Sebastian and Osmel Manzano, eds., 2012, *¿Tiempo de Cosecha? Retos del Sector Agrícola en Centroamérica [Harvest Time? Challenges for the agricultural sector in Central America]*, IDB Publications, Washington.
- Manzano, Osmel, Dougal Martin and Ernesto Stein, Eds., 2010, *Towards a Sustainable and Efficient State: The Development Agenda of Belize*, Publicaciones IDB Publications, Washington.
- Agosin, Manuel, Osmel Manzano, Rafael Rodríguez-Balza and Ernesto Stein, Eds., 2010, *La ruta hacia el crecimiento sostenible en la República Dominicana República Dominicana: Fiscalidad, Competitividad, Institucionalidad, Electricidad [The Path of Sustainable Growth in the Dominican Republic: Fiscal Management, Competitiveness, Institutions and Electricity]*, IDB Publications, Washington.
- Osmel Manzano, Hector Morena, Ernesto Stein, and Fernando Straface, Eds., (2008), *Más crecimiento, más equidad: Prioridades del desarrollo en Guatemala [Higher Growth, More equality: The Development Priorities of Guatemala]*, IDB Publications, Washington.
- Castilla, Miguel, Ramon Espinasa, Peter Kalil y Osmel Manzano, ed., 2008, *Hacia la integración energética hemisférica: retos y oportunidades [Challenges and opportunities of the Hemispheric Energy Integration]*, Publicaciones CAF, Caracas.
- Manzano, Osmel and Jose Pineda ed., 2006, *Reporte de Economía y Desarrollo 2006. Los Retos Productivos de la Inserción Internacional Latinoamericana [The productive challenges of the Latin American International Insertion]*, Publicaciones CAF, Caracas.
- Castilla, Miguel, Osmel Manzano and Juan Nagel ed., 2005, *Políticas sectoriales en la región andina [An analysis of sector oriented policies in the Andean Region]*, Publicaciones CAF, Caracas.
- Castilla, Miguel, Fidel Jaramillo and Osmel Manzano ed. 2004, *Sostenibilidad fiscal en la región andina: Política e instituciones [Fiscal sustainability in the Andean Region: Policies and Institutions]*. Publicaciones CAF, Caracas.

## Working Papers

“Investment Booms and Institutions: Implications for the Andean Region” (with Jose Luis Saboin, George Mason University), <http://dx.doi.org/10.18235/0004260>

“The Local Human Capital Costs of Oil Exploitation” (with L. Balza., C. De Los Rios, R. Jimenez Mori, Inter-American Development Bank) <http://dx.doi.org/10.18235/0003382>

“Management and Execution of Investment Projects, the Task Prior to the Measurement of Development Effectiveness: The Case of the Inter-American Development Bank” (with Guillermo Lagarda, Jennifer Linares and Arnoldo Lopez-Marmolejo, Inter-American Development Bank) <http://dx.doi.org/10.18235/0001335>

## Research in Progress.

“The drivers of gross capital formation in the Andean Region” (with Leonardo Maldonado, Inter-American Development Bank)

“Are we Missing Something on Measuring Citizens’ Perception about the Extractive Industry?” (with Lenin Balza, Lina Diaz and Nicolas Gomez-Parra, Inter-American Development Bank)

“Education outcomes and resource booms in Peru” (with Kenji Moreno, International Monetary Funds, and Daniela Valdivia, Inter-American Development Bank)

“Impacts of natural resources in human capital in Bolivia” (with Cloe Barbera, Geneva Graduate Institute)

“Tindering in the Extractive Industry Matching Citizens with their Firm–Mate” (with Lenin Balza, Lina Diaz and Nicolas Gomez-Parra, Inter-American Development Bank)

“Roads to El Dorado: infrastructure, natural resources and welfare in the Andean region” (with Leonardo Maldonado, Inter-American Development Bank)

“Fiscal response to resource shocks in Peruvian local governments, (with Diego Camacho, Banco Central de Reserva del Peru, and Kenji Moreno, International Monetary Fund)

“Resource Shocks and Firm Performance in Ecuador (with Wladimir Zanoni, Inter-American Development Bank)

“Productivity Spillover of Resource Exploitation: Evidence from Venezuelan Industrial Surveys” (with Lenin Balza, Inter American Development Bank)

“Natural Resources and Development in Peru” (with Diego Winkelried, Universidad del Pacifico, Peru)

“Oil exploitation and local credit cycles in Venezuela” (with Leonardo Maldonado, Inter American Development Bank)

“Oil shocks and household behavior: Evidence from Venezuelan Household Surveys”

“Sweet Dreams, Bitter Reality: Revisiting the link between energy and growth in LAC” (with L. Balza R. Jimenez O. Manzano T. Serebrisky)

## Refereeing, Seminars and Speaking engagements:

Guest editor for the journal *Extractive Industries and Society*. Referee for *World Development*, the *Economic Journal*, *The Energy Journal*, *Ecological Economics*, *Resource Policy*, *European Economic Review*, *Review of Development Economics*, *Resources, Business and Politics*, *Sustainability*, and *Investigaciones de Historia Económica* (Spain). Member of the panel for the journal *Economía* (2005-2006). Referee for the LACEA conferences in 2003, 2004 and 2005. Member of the selection committee for the Environmental Economics Capacity Building Program for Latin America and the Caribbean of ALEAR (Latin American and Caribbean Association of Environmental and Resource Economist). Referee for the local journals *Revista del Banco Central* and *Temas de Coyuntura*, and for the Center



Seminars at Duke University, Colorado School of Mines, University of Calgary, MIT- CEEPR Energy and Environmental Policy Workshop, INSEAD (Abu Dhabi), Beijer Workshop on Resource Economics, Northeastern University, the John F. Kennedy School of Government, Bank of Canada, FLACSO, Banco Central de Chile, Banco Central de Venezuela, and Oficina de Asesoría Económica de la Asamblea Nacional [Economic Office of the Venezuelan Congress].

Speaking engagements at IE University, KAPSARC Policy Seminars on Local Content (Morocco) and on Managing Resource Expectations (Tanzania), Quo Vadis Peru (Annual Conference of the Lima Chamber of Commerce), the Annual Conference of the National Industry Council (Bolivia), The Latin America Think Tank Summit (Colombia), Universidad Continental (Peru), Annual Meeting of the Chamber of Commerce (Panama), Extractive Industries Transparency Initiative (in Mexico), Compete Caribbean Forum (in Belize), World Bank Sector Week on Extractives, Mexican Congress (at the Centro de Estudios de las Finanzas Públicas), Pontificia Universidad Católica Madre y Maestra (Dominican Republic), Spanish Agency for International Development Cooperation (in Guatemala), Tuft University, United Nations, Inter American Development Bank (before joining it), United Nations Economic Commission for Latin America and the Caribbean, Fundación CIDOB (Barcelona, Spain), the Swiss Organization for Facilitating Investment, Banco de la República (Colombian Central Bank) and the Central Bank of Ecuador. Also invited speaker for local conferences at Conapri [Venezuelan Investment Promotion Council], Universidad Católica Andrés Bello, Universidad Central de Venezuela, and Universidad de Carabobo.

## Comments

Manzano, Osmel, 2007, “Comments on on Bruno Giovannetti and Naércio Menezes-Filho’s Openness and skilled biased technological change in Brazil”, *Economía*, Vol 8. No. 1, Brookings/LACEA Publications, Washington.

Manzano, Osmel, 2006, “Comments on Pablo Sanguinetti and Eduardo Bianchi’s Trade Liberalization, Macroeconomic Fluctuations, and Contingent Protection in Latin America”, *Economía*, Vol 7. No. 2, Brookings/LACEA Publications, Washington.

Manzano, Osmel, 2002, “Comments on William Maloney’s Missed Opportunities: Innovation and Resource Based Growth in Latin America”, *Economía*, Vol 3. No. 1, Brookings/LACEA Publications, Washington.

## Meetings

Manzano, 2022, “The Local Human Capital Costs of Oil Exploitation”, Latin American and Caribbean Economics Association Meetings, Lima, Peru, November 2022

Manzano, 2022, “Investment Booms and Institutions: Implications for the Andean Region”, 94th International Atlantic Economic Conference, Washington, USA, October 2022

Manzano, 2018, “Where are the Locals?”, *Latin American Studies Association Meetings*, Barcelona, Spain, May 2018.

Manzano, 2016, “Oil shocks and household behavior: Evidence from Venezuelan Household Surveys”, *Latin American Studies Association Meetings*, New York, USA, May 2016.

Balza and Manzano, 2013, “Productivity Spillover of Resource Exploitation: Evidence from Venezuelan Industrial Surveys”, *Latin American Studies Association Meetings*, Washington, USA, May 2013.

Manzano, 2009, “Venezuela: A textbook case of a Resource Rich country?”, *Natural Resources and Development*, 10<sup>th</sup> Annual Conference of the Global Development Network, Kuwait, January 2009.

Manzano and Monaldi, 2006, “The Economics and Politics of hydrocarbon Exploitation in Latin America”, *Economía Journal Panel Meeting*, at the *Latin American and Caribbean Economics Association Meetings*, Mexico, October 2006.

- Fernandez, Gomez and Manzano, 2006, "Intergenerational Accounting of Oil Wealth in Venezuela", *Latin American and Caribbean Economics Association Meetings*, Mexico, October 2006.
- Manzano, 2005, "Venezuela after a Century of Oil Exploitation", *Latin American and Caribbean Economics Association Meetings*, Paris, France, October 2005.
- Manzano, 2003, "The state of the Venezuelan Oil Sector", *Latin American and Caribbean Economics Association Meetings*, Puebla, Mexico, October 2003.
- Manzano and Rigobon, 2002, "Resource Curse or Debt Overhang. *American Economics Association Annual Meetings*. Washington, January 2003.
- Manzano, 2002, "Tax effects upon Oil Field Development in Venezuela". *2<sup>nd</sup> World Congress of the Environmental and Resource Economists*, Monterey, California, June 2002.
- Manzano, 1999, "Tax effects upon Oil Field Development in Venezuela". *Latin American and Caribbean Economics Association Meetings*, Santiago de Chile, October 1999.

### **Other Appointments:**

- August 2002: Visiting Professor.  
Facultad Latinoamericana de Ciencias Sociales. Quito, Ecuador.
- Fall 1997: Recitation Lecturer.  
Massachusetts Institute of Technology. Cambridge, USA.
- Summer 1997: Visiting Lecturer.  
Pontificia Universidad Católica del Peru.
- 1994-1995: Instructor.  
Universidad Católica Andres Bello. Caracas, Venezuela.
- 1993 - 1995: Analyst. Office of the Chief Economist. Petróleos de Venezuela.