

Osmel Manzano

Curriculum Vitae

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Academic Appointments:

- 2018-today Professorial Lecturer
Elliott School of International Affairs. The George Washington University Washington,
United States of America
- 2019-today Adjunct Professor.
Walsh School of Foreign Service. Georgetown University, Washington, United States of
America
- 2014-2018 Adjunct Professor.
McCourt School of Public Policy. Georgetown University, Washington, United States of
America
- 2005-2018 Adjunct Professor.
Instituto de Estudios Superiores de Administración, Caracas, Venezuela
- 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 in 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 agenda for the forthcoming productive transition in
the Andean region

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:

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

Refereeing, Seminars and Speaking engagements:

Guest editor for the journal Extractive Industries and Society. Referee for World Development, The Energy Journal, Ecological Economics, Resource Policy, 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*.

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

Speaking engagements at 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), 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.

Refereed or Invited Publications

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 O., F. Navajas, A. Powell, 2017, *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

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.

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, Rodriguez, 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 and Francisco Monaldi, (2008), “The Political Economy of Oil Production in Latin America”, *Economia*, Vol. 9 No. 1, Brookings/LACEA Publications, Washington.
- 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/the-macroeconomic-reality-an-introduction-to-problems-and-policies-of-growth-and-stability-in-latin-america,4072.html>
- Manzano, Osmel, Rodolfo Mendez, Jose Pineda and German Rios, 2007, *Macroeconomía y Petróleo* [Oil and Macroeconomics], Pearson Education, Mexico.¹
- 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

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

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.

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 Inversión 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 Metodológico [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 Rodríguez-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)², 2007, “Estrategias para la generación de oportunidades en América Latina [Strategies for the generation of opportunities in 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. Camino 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. Camino 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 framework 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

- 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.

² 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.

- 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 Republica Dominicana [Time to change course: Policy options for the changing external conditions in in Central America and the Dominican Republic]”, *IDB Monograph IDB-MG-177*, IDB Publications, Washington.
- Cuevas, Mario, Osmel Manzano and Claudia Rodriguez, ed. 2014, *Promoviendo la Transformación Productiva: Políticas de desarrollo productivo en Centroamérica y la Republica 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 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]*, IDB Publications, Washington.
- Osmel Manzano, Hector Morena, Ernesto Stein, and Fernando Straface, Eds., (2008), *Mas crecimiento, mas equidad: Prioridades del desarrollo en Guatemala [Higher Growth, More equality: The Development Priorities of Guetamala]*, 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.

Comments

- Manzano, Osmel, 2007, "Comments on on Bruno Giovannetti and Naércio Menezes-Filho's Openness and skilled biased technological change in Brazil", *Economia*, 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", *Economia*, 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", *Economia*, 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, 10th Annual Conference of the Global Development Network*, Kuwait, January 2009.
- Manzano and Monaldi, 2006, "The Economics and Politics of hydrocarbon Exploitation in Latin America", *Economia 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". *2nd 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.

Working Papers

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

"The Unwritten License: The Social License to Operate in Latin America's Extractive Sector" (with Lenin Balza, Lina M. Díaz and Nicolás Gómez Parra, Inter-American Development Bank) <http://dx.doi.org/10.18235/0003820>

"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>

"Unraveling the Network of the Extractive Industries" (with L. Balza and C. De Los Rios, Inter American Development Bank; A. Guerra, New York University; and L. Herrera-Prada, International Monetary Fund) <http://dx.doi.org/10.18235/0003191>

"How Do Subnational Governments React to Shocks to Different Revenue Sources? Evidence from Hydrocarbon-Producing Provinces in Argentina" (with M. Besfamilie, Pontificia Universidad Católica de Chile., D. Jorrat, Universidad Loyola, and Pablo Sanguinetti, Corporacion Andina de Fomento and Universidad Torcuato Di Tella) https://www.cesifo.org/DocDL/cesifo1_wp9251.pdf

"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)

"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)

"Pull factors of FDI from China: A comparison between Brazil and Mexico" (with Taotao Chen, Tsinghua University)

"The hydrocarbons sector in Latin America and the Caribbean" (with Luis Carlos Jemio, Juan Carlos Echeverry, Ramon Espinasa, Juana Kuramoto, Juan Rosellon, Anthony Paul, Sebastian Scheimberg, and Rolando Seroa da Mota)

"Natural Resources and Development in Bolivia" (with Gonzalo Chavez)

Other Appointments:

August 2002: Visiting Professor.
Facultad Latinoamericana de Ciencias Sociales. Quito, Ecuador.

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