

DR. JUAN ANTONIO ZAPATA

E-mail: jzapata@zapataasociados.com

www.zapataasociados.com

www.youtube.com/user/zapatajuanantonio

University Degrees

Contador Público Nacional (Certified Public Accountant), Universidad Nacional de Cuyo, Mendoza, 1964.

Master of Arts (Economics), University of Chicago, 1967.

Doctor of Philosophy (Ph.D. Economics), University of Chicago, 1970.

Summary

Ph. D. Economics, University of Chicago, partner of Zapata & Consultores Asociados, is an economist with experience in the areas of academics and international consulting. He has advised Governments, Corporations and developed studies in several countries in Latin American, Asia and Africa and also has experience on policy implementation at the Federal Government of Argentina.

His professional fields include Management Modernization and Civil Service, Public Finance: Fiscal Federalism, Decentralization, Fiscal Responsibility and Budget Analysis; Project Evaluation and Project Management of sectors including industry, water and energy, marginal cost pricing; General and Sectorial Economic Analysis; Oil and gas, stabilization funds, Regulations, Water Resources; Mining and Industry Development. Several projects have been incorporated into policy decisions, legislation, or have generated international funding programs.

He has worked as a consultant for organizations such as the Inter-American Institute of Agricultural Sciences, Organization of American States Inter-American Development Bank, World Bank, GTZ German Technical Cooperation of Government, Research Triangle Institute, Forum of Federations, Ministry of Finance Federal Government of Nigeria and Department for International Development of the British High Commission (DFID) Nigeria.

Throughout his career he worked in the following institutions as: research associate at the International Food Policy Research Institute, professor at the Pontifical Catholic University of Chile, research chief at the Research Institute (IERAL) of the Fundación Mediterránea visiting professor at University of California Los Angeles (UCLA), Ambassador (Director of International Cooperation), Ministry of Foreign Affairs of Argentina, Advisor to the Minister of Economy and Public Works, Secretary of Economic Reforms Assistance to the Provinces in the Ministry of Interior Argentina, Representative of the National Government in the Federal Tax Commission, and Professor of Economics, Universidad Nacional de Cuyo.

As Secretary of Economic Reforms Assistance to the Provinces, he was leader and coordinator of several programs like: "Provinces I and II" loans from the World Bank and the IADB; Rehabilitation Program for the Flood Emergency PREI and other projects with the provinces.

Professional Chronology

His professional career started in 1969 in the field cost-benefit analysis applied to public investment on irrigation systems in the western provinces of Argentina. As a professor at the Universidad Nacional de Cuyo (1969-1976) he was team leader of research projects on the economics of irrigated agriculture, head of the Department of Economics and Dean of the Faculty.

In 1976 he went to work at the International Food Policy Research Institute in Washington DC where he worked on the study of investments and food supply on the South East Asia countries. Mainly on water related issues.

In 1979 he was appointed visiting professor of economics at the Pontificia Universidad Católica de Chile, in Santiago Chile, where he lectured on the areas of Project Evaluation and Microeconomics. He

developed projects on the areas of Marginal cost pricing of water and on Methodologies for the evaluation of Poverty Alleviation Policies.

In 1983 he started working at the Research Institute of Fundación Mediterránea in Argentina to study regional development, deregulation issues and public finance of local government and fiscal federalism.

In the 70's and 80's he also consulted on projects in other Latin American Countries and lectured on Project evaluation courses for the Organization of American States and the IADB.

In 1989 he was appointed Ambassador and Director of International Cooperation at the Ministry of Foreign Affairs of Argentina. His areas of responsibility included most of the bilateral cooperation of foreign countries and multilateral programs with the UNDP for the federal and provincial governments as well as academic institutions.

In 1991 he was adviser of the Minister of the Economy, on provincial fiscal issues and fiscal federalism. From 1992 to 1996 he was Secretary of Economic Reforms Assistance to the Provinces at the Ministry of the Interior (in Argentina deals with the Provincial Governments), where he coordinated several programs financed by the World Bank and the Inter-American Development Bank with the provinces on fiscal areas. As a Secretary he participated in the implementation of several federal policies dealing with local governments.

Since 1997 to 2003 from Mendoza, he worked as a consultant on regional economic analysis, local government's finance, and fiscal federalism for the GTZ, World Bank, Inter-American Development Bank (IADB) in Argentina or other countries. Consulting services included: Analysis of the revenue sharing system of Argentina (1997); the Cooperatives for the supply of water and electricity in Argentina (1997); a public sector reform proposal for Mendoza, Argentina (1998); a study of the IADB program and the local governments in Argentina (1998); Decentralization in Paraguay and Ecuador (1997-2001); several studies of Revenue Sharing System (Federal and Provincial levels) and fiscal coordination in Argentina (1999-2001); Rural Infrastructure in Argentina (2002); Fiscal projects in the province of Salta, Argentina (2001-2002); an Analysis of Local tax administration in The Republic of El Salvador (2002).

Since January 2004 up to July 2005 he was Resident Senior Advisor on Fiscal Federalism at Research Triangle Institute in the "Innovación México" project, where he worked on issues related to: the Convención Nacional Hacendaria, Oil revenues stabilization fund, Cadaster and land property tax, and Municipal Reform legislation. The proposed oil revenues stabilization fund methodology was adopted by the current Budget and Fiscal Responsibility Law, enacted in march 2006.

Since August 2005 he reassumed as professor at the Universidad Nacional de Cuyo and founded Zapata & Consultores Asociados, consulting to private companies and several institutions and governments..

In 2005 was hired by the Inter American Development Bank to design a program for evaluation by results PRODEV for Mexico. As a result of the study, the IDB agreed a financial contribution of technical assistance to the Government of Mexico.

In late 2005 until early 2006, he was hired by the National Council for Modernization of the Government of Ecuador in the Program of Support to Decentralization, to develop a proposal for autonomy model for Ecuador.

At the beginning of 2006, was a consultant for the IDB in order to evaluate the policy of municipal expenditure (process and results) in Nicaragua.

Developed a study funded by the IDB in Paraguay in 2006 on the modernization of public management in direct advice to the Minister of Finance which included all areas of the ministry.

Also in the second half of 2006, conducted a study on "Decentralization in Bolivia," which was published by the Department of the Southern Cone countries of the IDB in September 2007.

In 2007, he was a consultant to PAD-SENPLADES in Ecuador to develop make a proposal on fiscal revenues of government and a proposal on the system of intergovernmental transfers.

Also in 2007 was hired by the IDB to work in a team coordinated by the former Secretary of Finance of Mexico, Dr. Francisco Gil Diaz, in a report on "Analysis of options for electricity pricing and energy prices in Mexico " for the Ministry of Finance and Public Credit.

During the second half of 2007, was a consultant hired by the World Bank in preparing a report on asymmetrical federalism.

In November 2007 he participated at the 4th International Conference on Federalism in New Delhi, India, presenting the topic "How do Federations Reconcile Economic Stability overall state with Autonomy?. The case of Argentina, in the working group 'Managing Fiscal Conflicts'.

Since 2007 until 2011, is a consultant to the Forum of Federations of Canada, for the following studies: a presentation at the International Seminar on Reforms and Accountability in Federal Countries, Buenos Aires, a report on "Fiscal Responsibility" in Argentina; report "countercyclical funds Argentina and some experiences of other countries", a presentation at the Seminar on "Challenges and Opportunities in Fiscal Federalism," Sharing Nigerian and International Perspectives, Abuja, Nigeria; report on "Oil and Gas in Federal Countries", author of the chapter on Argentina, "Fiscal Federalism Seminars", Nigeria, on principles and practices, applications in Nigeria, Fiscal Responsibility and oil stabilization funds, international experiences.

In the first half of 2008, was hired by the Ministry of Finance of the Federal Government of Nigeria and the Policy and Knowledge program of the Department for International Development of the British High Commission, as lead consultant on issues of fiscal responsibility in seminars developed with the Federal and State governments in three regions of Nigeria. He was coordinator of the plenary and group meetings where representatives from all states of Nigeria and the federal government.

Also in 2008 in the field of private sector investors coordinated two studies in Argentina, one on "Analysis of Forestry, Incentives and Prospects, and the Carbon Market" and another that included an economic evaluation "Rapeseed Cultivation and Production biodiesel ".

From November 2009 to February 2010 was hired by the IDB for two studies. The first study was conducted with the objective of the Government of Bolivia in the analysis and review of the institutional, regulatory and business environment for the exploration, exploitation and industrialization of lithium. The second study was the assistance to the Government of Peru in the analysis of the operation of the Fund for the Stabilization of Fuel Prices.

During the month of March 2010 participated in the World Bank meeting in Federal Oil and Gas Systems Conference, Washington DC March 3 and 4 present a report

<http://web.worldbank.org/WBSITE/EXTERNAL/TOPICS/EXTOGMC/0,,contentMDK:22473115~noSURL:Y~pagePK:148956~piPK:216618~theSitePK:336930,00.html>

On March 25, 2010 participated as a commentator on Federalism seminar organized by the Secretary of the Interior (Secretaria de Gobernación) and the Senate Committee on Federalism in Mexico.

On March 30, 2010 stated, with a mission from the IDB, the report of the study on Lithium to President Evo Morales in La Paz, Bolivia.

From August to October 2010 was hired by the Bank to advise the Government of Paraguay on the subject of negotiation strategy for an investment proposal for the manufacture of aluminium.

Invited by the Forum of Federations and the Research Center for Teaching Economics (CIDE) in Mexico to speak on issues of Oil and Gas in Federal Countries in the international seminar on November 23, 2010.

Participates as a rapporteur at the 5th International Conference on Federalism held in Addis Ababa, Ethiopia from 13 to 16 December 2010.

In February 2011, was invited by the Forum of Federation to Sudan, to deliver a lecture in Kadugli on International experiences on Fiscal Federalism and the distribution of oil revenues to the Popular Consultation Commission of Southern Kordofan.

On 28 and May 29, 2011 was invited by the University of Passau, Germany, to present an analysis of free trade agreements between Latin America (LA) and the European Union at the conference "The relations between Latin America and the European Union : economic, political and socio-cultural".

On August 24 presented "Reflections on Fiscal Transparency" in the "Workshop on Fiscal Transparency, Economic, Social and Access to Information" organized by the Faculty of Economics at the Universidad Nacional de Cuyo, Mendoza, Argentina.

Since October 1 2011 had been hired by the Inter-American Development Bank to develop a study as a Coordinating Consultant on the use of hedging instruments to stabilize fuel prices.

On November 3, 2011 made a presentation on "Using the tools in the teaching of Introduction to Economics" in the Good Practices Seminar "2nd Latin American Meeting of Technical Education and Technology", Mendoza, Argentina.

From 23 to November 25 participated in the VI Latin American Congress on Regulation, Management and Control of Public Services ASIER organized by exposing the November 24 Commission on Water and Sanitation making a presentation on "Water Pricing".

<http://www.sextocongresoasier.com.ar/ponencias/docPot/Zapata%20agua%20potable%20ASIER%20nov%202011.pdf>

Professional Activities

a) Current

1. Professor of "Introduction to Economics I" (Micro and Macroeconomics), Facultad de Ciencias Económicas. Universidad Nacional de Cuyo, Mendoza, since 1985, www.fce.uncu.edu.ar
2. Professor of "Economics", Facultad de Ciencias Jurídicas y Económicas, University of Mendoza, since 2011.
3. Partner and President of Zapata & Consultores Asociados S.A., Mendoza, Argentina. www.zapataasociados.com

b) Professional Experience

1. Speaker at the "Workshop on Fiscal Transparency, Economic, Social and Access to Information" organized by the Faculty of Economics, National University of Cuyo, on August 23, 2011.
2. Speaker at the University of Passau, Germany, 28 and May 29, 2011. Conference "The relations between Latin America and the European Union: economic, political and socio-cultural." The aim of the exhibition was in-depth analysis of free trade agreements in Latin America (LA) and the European Union (EU). Duration: 90 minutes. Included the following aspects: Trends in world trade, theoretical aspects of integration processes, existing economic Treaties, Latin America and Caribbean trading blocks and the European Union, trade between Latin America and the European Union, Analysis of relations between the EU and Latin America: the CAP (Common Agricultural Policy) and Industrial Policy, Perspectives of treaties, Challenges for the European Union and Latin America.
3. Speaker for the Forum of Federation, Sudan, 12 to February 21, 2011. Participation in a meeting with the Advisory Commission of the Popular Consultation in Southern Kordofan State, Sudan. Presentation of an exhibition on the theme of "fiscal federalism and sharing of oil resources: some international experiences."
4. Speaker, Organizing Committee of the 5th. International Meeting of Federalism, Ethiopia, 13 to December 16, 2010. Topic 5 Rapporteur on the "Federalism and Fiscal Equity in Development", question 1 (a): Identification of the factors that guide the allocation of responsibilities and powers to raise revenue to promote equitable development and reduce potential tax disputes. Participant throughout the conference sessions of group 5. Addis Ababa, Ethiopia.
5. Invited by the Forum of Federations and the Research Center for Teaching Economics (CIDE) in Mexico to speak on issues of Oil and Gas in Federal Countries in the international seminar on November 23, 2010.
6. Consultant, Inter-American Development Bank, Paraguay, August to October 2010. The objective of the consultancy was the analysis of a proposed investment on an aluminum smelting plant in Paraguay considering the implications for economic and social development of the country in the medium and long run and to design guidelines that should be raised in the negotiations and agreement with the private proponent. A workshop was developed on October 2nd for the Ministers of Finance, Industry and Trade, Public Works, Environment, and Paraguay's Directors of the Hydroelectric Companies of Itaipú and Yacyretá.
7. Consultant to the United States Institute of Peace, Sudan, June to October 2010. "Fiscal federalism and natural resource revenue sharing: international experiences". Purpose of consultancy: identifying and analyzing criteria, arguments, methods and possible revenue sharing schemes on the distribution

of fiscal resources, especially respect to oil and other natural resources that may be relevant for the cases of Southern Kordofan and Blue Nile in Sudan.

8. Consultant, Inter-American Development Bank IDB, Peru, in December 2009 to February 2010. The objective of the consultancy was to assist the Government of Peru in the analysis of the operation of the Fund for the Stabilization of Prices of petroleum fuels, and compare its application in Peru with other international experiences in order to contribute the design of improvements in its implementation.
9. Consultant, Inter-American Development Bank IDB, Bolivia, November-December 2009. The objective of the consultancy was to assist the Government of Bolivia in the analysis and review of the institutional, regulatory and business environment for the exploration, exploitation and industrialization of lithium. A report of the study of lithium was presented with an IADB mission On March 30, 2010 to President Evo Morales in La Paz, Bolivia
10. Consultant to the Forum of Federations, Lecturing in Nigeria several seminars on Fiscal Federalism at Abuja, Enugu and Lagos, Oct Nov 2009. International principles and practices relevant for Nigeria, Fiscal Responsibility and oil revenues stabilization funds, some other international experiences.
11. Consultant to the Forum of Federations on the Project "Oil and Gas in Federal Systems" since September 2008. Author of a chapter on Argentina.
12. Zapata & Consultores Asociados, coordination of two studies for private sector firms:
 - "Forest Sector Analysis- Incentives and Perspectives, Emissions Trading", September 2008- May 2009.
 - Economic Project Evaluation "Rape Seed farming and Biodiesel Production" to investors from agriculture sector. March- August 2008.
13. Consultant to the Policy and Knowledge (PAK) Facility, funded by the Department for International Development and to the Department of International and Economics Relations of the Federal Ministry of Finance, Nigeria: "State Level Fiscal Responsibility Clinics" at Calabar, May 12-15; Kaduna, May 18-21 and Abuja, May 26-29, 2008. Presenting "Latin America Fiscal Responsibility Legislation, the cases of Argentina, Brazil and Mexico" and participated in the coordination of discussion groups.
14. Consultant to the Forum of Federations at the Seminar "Challenges and Opportunities in Fiscal Federalism", Sharing Nigerian and International perspectives, Abuja, Nigeria March 2008. Presented the case of Argentina and some other Latin American Countries.
15. Consultant to the Forum of Federations, Project 120 Argentina–Program Development: "Argentina Stabilization Funds and some International Comparisons", February and March 2008.
16. Case statement maker in the 4th International Conference on Federalism, presenting "How do federations reconcile overall economic stability with state autonomy? The case of Argentina (Work Session: 6 on 'Managing Fiscal Conflicts' associated with "Theme 2: Fiscal Federalism", New Delhi, India, November 2007.
17. Short term consultant to a World Bank team on asymmetric federalism. This task involved the preparation of a paper of the Argentine case of institutional arrangements of federal-provincial relations regarding fiscal responsibility, revenue management, and expenditure responsibilities. Presented in a video conference with the World Bank Team. October 2007
18. Consultant to PAD-SENPLADES, Ecuador, on public revenues and revenue sharing of the New Model of intergovernmental transfers. August- September 2007.
19. Consultant to the Inter American Development Bank (IADB) in Mexico, Energy pricing, March-December 2007.
20. Consultant to the Forum of Federations to write a conceptual paper on fiscal responsibility in Argentina, May- July 2007.
21. Lecturer at the "International Seminar on Reforms and Fiscal Responsibility in federal countries" March 20th, 2007. The event was organised by CIPPEC, the Senate of Argentina and the Forum of Federations.
22. Consultant to the Inter American Development Bank (IADB) on decentralisation issues in Bolivia. From August to December 2006.
23. Consultant to the Inter American Development Bank (IADB) on Paraguay to advise the Minister of Finance on "Ministry Modernization". From July to November 2006.

24. Consultant on the evaluation of the municipal public expenditure policy in Nicaragua. the Inter-American Development Bank (IADB), Group of Municipal Development of the Region 2. February to May 2006.
25. Consultant to develop a proposal of an "Autonomy Model for Ecuador", contracted by the National Council of Modernization of the Government of Ecuador, in the Support to Decentralisation Program, the Inter American Development Bank (IADB) 1358/OC-EC, November 2005 to January 2006.
26. Leading consultant to the Inter-American Development Bank (IADB), in Mexico on the Diagnosis of the Experience of the Federal Public Administration in Evaluating the Performance/Management by Results. Program of Execution of the External Pillar of the Action Plan in the Mid Term for Effective Development (PRODEV), August to October 2005. As a result of this consultancy a Non Reimbursable Technical Cooperation to the Secretary of Finance was agreed by the Government of Mexico and IADB. As of today the Government of Mexico has adopted the policy recommendations.
27. Resident Senior Advisor on Fiscal Federalism in Mexico, since January 2004 up to July 2005 Research Triangle Institute RTI International, Innovación México Project (Casals and Associates Inc. ,USAID).
28. National Government Representative at the Federal Tax Committee since 2001 and also 1997-1999. This Committee is the intergovernmental (Provinces and National) body established by the revenue sharing legislation, up to October 2003.
29. Research Chief at the Instituto de Estudios sobre la Realidad Argentina y Latinoamericana (IERAL). Fundación Mediterránea - Regional Cuyo, Argentina, since 1997 (also previously since 1983 to 1989), up to October 2003.
30. Director of Research, Fundación del Tucumán, Tucumán, Argentina, since July 1998 up to December 2001.
31. President Universidad de Congreso, Mendoza. (February – May 1999)
32. Consultant Inter American Development Bank (IADB) 1997-98, 2001, 2002 y 2003 In areas of International Cooperation, Fiscal Decentralisation and Financing. Provincial Development and Local Fiscal Issues.
33. Consultant World Bank 1997, 2001 y 2002, in areas of Revenue Sharing (Coparticipación Federal), Cooperatives, Public Services and Rural Infrastructure in Argentina.
34. Lecturer at the Seminar on Public Finance in Almaty, Kazakhstan (October 21 al 25, 2002) organized by the World Bank Institute, area: "Budget Design under a Mid-Term Expenditure Framework and Accountability and Monitoring of Budget Execution".
35. Consultant in the preparation of the "Program of Support to the integrated development of the tourism sector in the province of Salta. AR 0292, "IDB, 2002. This program included among others, urban issues: 1) support the tourism sector including infrastructure in the city of Salta 2) development of social infrastructure such as urban drainage effluent disposal and solid waste disposal. It also included issues of strengthening the tax administration of the province.
36. Consultant German Cooperation Agency (GTZ) area decentralization in Paraguay 1997 and Ecuador 2000. Design of an oil revenue fund Ecuador 2001.
37. As Director of IERAL, Institute for the Study of Argentina and Latin American Reality Mediterranean Foundation coordinated the study on "New Regime of Public Administration of the Province of Mendoza" a team of 18 people for the Government of the Province of Mendoza , from December 1997 to August 1998. Counterparty: General Secretary of the Interior Aldo Rodriguez Sala.
38. Secretary for the Assistance to Provincial Economic Reforms, Ministry of the Interior 1993 to 1996, was also General Coordinator of the Provincial Development Program with the responsibility of negotiating and coordinating the management of several loans of the World Bank and the Inter-American Development Bank on institutional development and investments in the provinces, also participated in the Federal Agreements of 1992 and 1993.
39. Advisor to the Ministry of the Economy, 1991 to 1992.
40. Ambassador Extraordinary and Plenipotentiary and Director General for International Cooperation at the Ministry of Foreign Relations of the Argentine Republic, 1989 to 1991.
41. Visiting Professor at the Department of Economics, University of California Los Angeles, Winter Quarter (January March) 1990, (teaching two courses on Economic Development).

42. Professor Inter-American Development Bank on "Analysis of costs and water rates and sewerage" in the course of Bogota, Colombia, 1982, Puebla, Mexico, 1986, Montevideo, Uruguay, 1986, Bridgetown, Barbados, 1987.
 43. Visiting Professor at the Instituto de Economía de la Pontificia Universidad Católica de Chile, Santiago de Chile, Chile, 1979 to 1983 (Teaching and research on Project Evaluation and Price Theory). Also lecturer in a program on project evaluation 1981 to 1989.
 44. Advisor to the Multiple Purpose Potrerillos Reservoir Dam Project (draft packed multiple uses: irrigation, energy, tourism and control of floods), Mendoza, Argentina, 1980.
 45. Research Associate International Food Policy Research Institute, Washington D.C 1976 to 1979.
 46. Professor of Agricultural Economics, Econometrics, and Money and Banking at the Facultad de Ciencias Económicas, Universidad Nacional de Cuyo, 1969 to 1976. Director of the Departamento de Economía 1973 to 1975, and Acting Dean 1974.
 47. Professor of Project Evaluation, courses organized by the External Financing Unit, Organization of American States (OAS): A) Guatemala, March 1973, B) Venezuela, May 1973, C) El Salvador, October 1975, D) Paraguay, December 1975, and Consultant of Agricultural Projects (OAS) in Haití, October 1971 and January 1972. Professor of "Public Investment Management" organized by CICAP of OAS in Mérida, Venezuela, January 1973.
-

Awards

1. Outstanding Young Person 1974, awarded by Cámara Junior de Buenos Aires. This award is granted to ten outstanding young persons (under 40 years old) in sciences, arts or sports in Argentina each year.
 2. Gold Medal and Diploma for the highest average in the 1964 graduating class of Contador Público Nacional, Facultad de Ciencias Económicas, Universidad Nacional de Cuyo, Mendoza, Argentina.
 3. First Prize in the Fundación Bolsa de Comercio de Buenos Aires (1988) contest on economic essays on "Deregulation". This essay was later published as a book.
-

Main publications (books)

1. **Costs and Benefits of de Ullum Dam Project: An Analytical Framework and Empirical Exploration** (with Arnold C. Harberger and Lucio G. Recca), published in the book of A. C. Harberger Project Evaluation: Collected Papers (Markham, Chicago, 1972).
2. **Water Pricing and Efficiency**, published in the book edited by the International Water Resources Association, IV Water International Congress in Buenos Aires, September 1977.
3. **Policy Framework for Investment in Irrigation Projects**, published in the book edited by S. Joel Irrigation Development (Pergamon Press, Oxford, 1980), publication of the papers presented at the Conference of the Economic Commission of the United Nations for Western Asia, Baghdad, January 1979.
4. **El Desafío Federal** (with Domingo Felipe Cavallo) (Sudamericana - Planeta, Buenos Aires, 1986), 176 pages.
5. **Desregulación** (Editorial Thesis - Fundación Bolsa de Comercio, Buenos Aires, 1989), 123 páginas.
6. **Sistemas de Coparticipación Federal: cambios para una mayor eficiencia fiscal**, published in Argentina: The Fiscal Dimension of the Convertibility Plan, a Background Report, (report No. 16996-AR World Bank, January 1998).
7. **Financiando la Ciudad**, published in the book La Ciudad en el Siglo XXI: experiencias exitosas en gestión del desarrollo urbano en América Latina (Eduardo Rojas y Robert Daughters, Inter-American Development Bank, March 1998).
8. **Sistema de Supervisión Multilateral para un Federalismo con Responsabilidad Fiscal**, (with Oscar Berteau, Teresa Iturre and a research team from the Fundación del Tucumán) 440 pages presented at the annual meeting 2000 of the Asociación de Bancos de la Argentina, June 2000, en www.aba-argentina.com

9. **Coparticipación Federal** (with Teresa Iturre), chapter of the book "Una propuesta de Reforma Tributaria", (IERAL de la Fundación Mediterránea, August 2001), www.ieral.org
10. **Mendoza, un análisis económico permanente. Una página web para inversores**, (convenio Bolsa de Comercio de Mendoza – IERAL de la Fundación Mediterránea) www.bolsamza.com.ar.) November 2001). 129 pages
11. **Modulo Economía: Ejercicios de aplicación, Curso de Ingreso 2002**, (coordinator), Facultad de Ciencias Económicas, Universidad Nacional de Cuyo (December 2001), 95 pages.
12. **Economía para Ingresar a la Universidad** (coordinated with Valeria Mendoza and Alberto Zeballos), Facultad de Ciencias Económicas, Universidad Nacional de Cuyo, (editorial Crear, Mendoza, August 2002 and 2005), 184 pages.
13. **Oil and Gas in Argentina**; a chapter of a forthcoming book "Oil and Gas in Federal Systems" edited by George Anderson, Emeritus President of the Forum of Federations, 2011

Other publications

1. **Investment and Input Requirements for Accelerating Food Production in Low-Income Countries by 1990**, Research Report N° 10 International Food Policy Research Institute of Washington D.C., September 1979 (coauthored).
2. **Análisis Económico del Agua Subterránea**, Cuadernos de Economía N° 49, diciembre 1979, (Pontificia Universidad Católica de Chile), pages, 303-320.
3. **Water, a report prepared for the Conference "Agricultural Production, Research and Development Strategies for the 1980's"** (with Gilbert Levin and Peter Oram), Rockefeller Foundation (New York, 1980). Conference organized in Bonn, Germany, October 1980.
4. **Un esquema para el análisis de la distribución de beneficios de proyectos de riego** (with Ammar Siamwalla), Cuadernos de Economía N° 53, abril 1981 (Pontificia Universidad Católica de Chile), pages. 89-95.
5. **Análisis económico de los recursos naturales** Subsecretaría de Ciencia y Técnica, Secretaría de Planeamiento, Presidencia de la Nación, Argentina, April 1982.
6. **Aspectos metodológicos de la tarificación de agua potable según criterios de costo marginal**, Cuadernos de Economía N° 57, agosto 1982 (Pontificia Universidad Católica de Chile).
7. **Metodología de evaluación y análisis de programas para la erradicación de extrema pobreza urbana** (coauthored), Pontificia Universidad Católica de Chile, 1984.
8. **Cooperación Económica entre Argentina y Chile**, (RLAC/87/17-COEX-19) (coauthored) Convenio realizado entre IEERAL - Fundación Mediterránea, Instituto Chileno de Administración Racional de Empresas (ICARE) y la Oficina Regional de la F.A.O. para América Latina y el Caribe, (Santiago de Chile, FAO, 1987).
9. **Evaluación del proyecto exportación de uva de mesa** (with María Esperanza Juri). Bolsa de Comercio de Mendoza and Banco de San Juan, IEERAL, 1987.
10. **A Free Trade Sector Proposal to Increase Fruit and Vegetable Exports from Argentina**, (with María Esperanza Juri). Poster Paper presented at the XX International Conference of Agricultural Economist (International Association of Agricultural Economists) August 24 –31 1988, Buenos Aires.
11. **"Una propuesta para aumentar las exportaciones frutihortícola argentinas: El Sector Franco"** (with María E. Juri) Revista "Estudios" N°48 IEERAL - Fundación Mediterránea, 1988 y Anales XXIII Reunión Anual de la AAEP (La Plata 1988).
12. **Anuario de la Economía de Mendoza 1987/1988** (with María E. Juri y Mario A. Tomba) IEERAL (Fundación Mediterránea) - UCIM (Mendoza), 1988.
13. **Demanda Potencial de Productos Exportables de Mendoza, Sector Agrícola** (with María E. Juri) (Consejo Federal de Inversiones, the Government of Mendoza and the Bolsa de Comercio de Mendoza December 1988.
14. **Políticas activas, mano de obra y la economía en blanco**, Novedades Económicas N°200, Fundación Mediterránea, October 1997.
15. **La decisión del gasto y su financiamiento en el país federal**, Novedades Económicas N°200, Fundación Mediterránea, October 1997.

16. **Sistema de Coparticipación Federal, Cambios para una mayor eficiencia Fiscal**, anexo III del Report No 16996-AR Argentina, The fiscal dimensión of the convertibility plan, a background report, World Bank, January 22, 1998.
17. **Coparticipación, presupuesto y el país federal**, Novedades Económicas N°207, Fundación Mediterránea, November–December 1998.
18. **Bases para un nuevo Acuerdo Federal: proyecto de Coparticipación Federal de Impuestos**, Drafting Legislative Proposal for Senator Ramón Bautista Ortega (with a Resolution from the Honorable Senate November 1999).
19. **Reforma del Estado: Nuevo Régimen del Empleo Público en Mendoza**, Novedades Economicas from IERAL July 2000, (www.ieral.org). (with Ricardo Augusto Podestá).
20. **Propuesta de distribución de la recaudación fiscal nacional**, Seminar organized by the Argentina Association of Budget and Financial Public Management (Asociación Argentina de Presupuesto y Administración Financiera Pública) sponsored by the Secretaría de Hacienda de la Nación, May 2003, 66 páginas, www.asap.org.ar (technical coordinator of the Seminar).
21. **Descentralización en Bolivia**, August 2007.
<http://idbdocs.iadb.org/wsdocs/getdocument.aspx?docnum=1109502>. With an interactive system Simulation Model of Transfers in an Excel appendix.

Unpublished Reports

1. Report to the Inter American Development Bank on Guatemala: "Diagnóstico de los sistemas institucionales para la coordinación de la ayuda externa a la implementación de los acuerdos de Paz y su seguimiento", April 1997. (44 pages and annexes).
2. Report to GTZ on "Paraguay: Aspectos Financieros de la Descentralización", June 1997, 27 pages and annexes, and two reports on Ecuador, one about decentralization (March 2000) and the other about a proposal for an oil revenues fund (March 2001).
3. Report to ENOHA (World Bank) on "Argentina: La cooperativa como empresa (con especial referencia a las cooperativas de suministro de agua potable y saneamiento)", December 1997 (two volumes).
4. Report to the Government of Mendoza, Argentina, "Propuesta para un Nuevo Régimen de la Función Pública de la Provincia de Mendoza", (Juan Antonio Zapata Director of the study IERAL Instituto de Estudios sobre la Realidad Argentina y Latinoamericana de la Fundación Mediterránea with a team of 18 professionals) 1998, Fourteen Volumes, 1250 pages (Preliminary Legislative Plans, Legal Premises and Theoretical Framework, Empirical Analysis comparing Local and International Experiences, Basis of Public Employment in Mendoza, Public Sector Organizational Structure by Sector, Current Legal Regime, Human Resources and Reform Manual.)
5. Report to the Inter American Development Bank on "Argentina: El BID y los Gobiernos Subnacionales", February 1999, 131 pages.
6. Report to the World Bank on Rural Infrastructure in Argentina, October 2001 and July 2002 (as a member of a team).
7. Report to the Inter American Development Bank about Fiscal Management, Province of Salta, December 2001 and a second Report on Support for the Preparation of the Strengthening of the Governmental Fiscal Management of Salta Province. August 2002. Final Report, December 2002. Salta's Province Project was presented for financing and approved by IADB Board in June 2003.
8. Report to the Inter American Development Bank on the Support to Establish the Property Tax in El Salvador. September 2002. (three reports)
9. Seminar (power point in English, translated to Russian, 153 slides) Budget Design and Mid Term Planning of the Public Expenditure, Fiscal Responsibility and Audit. Presented at the Seminar Organized by the World Bank in Almaty, Kazakhstan. October 21-25, 2002.
10. Report to the Inter American Development Bank on the Municipal Tributary System of El Salvador. May 2003. 66 pages. Presented at the FEMICA Seminar in Antigua, Guatemala. December 11-13, 2002. *Report quoted on a ppt of the recommendations of the Local Development Financing Subcommittee of the Presidency on November 17, 2004.*

11. Report to the Inter American Development Bank on the Status of the Modernization Process of the Argentinean Public Administration. 125 pages and attachments. June 20, 2003.
12. Report to the Secretary of Finance of México on an Oil Stabilization Fund, June 2004.
13. Report on fiscal federalism, activities for land registry improvement administration of the property tax, a Proposal for Mexico.(2005)
14. Report to the Inter American Development Bank, Mexico PRODEV, proposal for an Operation Plan with the corresponding reference terms of a Technical Cooperation for the design and development of a Budget System Based on Results. 2005. This consulting project proved to be a useful support for the Bank's approval of a Tecnicl Cooperation to Mexico for the year 2006. As of today the Government of Mexico has adopted the policy recommendations.
15. "Proposal for an Autonomic Model for Ecuador" paper, a briefing for the Unit of Decentralization and State's Structure of the National Council of Modernization, CONAM, in the Support to Decentralization Program, Loan Contract 1358/OC-EC of the Development Interamerican Bank, January 2006.
16. "Municipal Public Expenditure in Nicaragua" paper, presented at the Group of Municipal Development of the Region 2, Inter American Development Bank, May 2006.
17. "Modernization of the Ministry of Finance of Paraguay" paper presented to the Minister of Finance, October 2006.
18. "Reflexiones sobre el Federalismo Fiscal" ppt and video, Senate of Argentina, CIPPEC, Forum of Federations, March, 2007.
19. "Fiscal Federalism in Argentina", Report to the Forum of Federations, July 2007.
20. Intergovernmental Public Revenues and Transferences for the Ecuador New Model of Public Management, September 2007 and a Simulation Model of Transferences (MOSTRAR Ecuador) August 2007.
21. "Fiscal Federalism Issues. The case of Argentina", ppt presented at the Seminar "Challenges and Opportunities in Fiscal Federalism", Sharing Nigerian and International perspectives, Abuja, Nigeria March 2008.
22. "Argentina Stabilization Funds and some International Comparisons", Report to the Forum of Federations, April 2008.
23. "Latin America Experiences on Fiscal Responsibility Legislation, Argentina, Brazil and México", ppt presented at the Fiscal Responsibility Bill Clinics, Calabar, Kaduna and Abuja, Policy and Knowledge PAK and Ministry of Finance, Nigeria, May 2008.
24. Estudio sobre eficiencia fiscal municipal en Mexico y Argentina, Carlos Rivas, Julio Saguir, Juan Antonio Zapata, Mayo de 2009.
25. Several Power Points about Fiscal Federalism, Fiscal Responsibility and Oil Stabilization Funds, international practices relevant for Nigeria, November 2009.
26. Report to IADB: Análisis del Proyecto de Industrialización del Litio, BOLIVIA (BO-P1102), December 2009.
27. Report to the Government of Perú sobre "Análisis de Experiencias en el uso de Fondos de Estabilización de Precios de Combustibles", March 2010.

ANNEX

As Secretary of Assistance to the Provincial Economical Reform of the Ministry of the Interior in Argentina had the responsibility on advising and implementing federal policies on Federal and Provincial Government Agreements on Fiscal Issues, including federal tax revenue sharing and provincial debt management Issues. He led various federal government team works in subjects of Provincial Reform and Decentralization and coordinated several World Bank and Inter American Development Bank loans to the provinces.