

Tito Yepes

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Associated researcher at Fedesarrollo and international consultant in infrastructure, urban and regional development. Advisor for national and local governments mostly in Latin America and Africa. Consultant of the World Bank (UPI 235986), International Labor Organization, and the African Development Bank.

Professional experience

2014

- Impact evaluation of housing policies in Colombia, National Planning Department.
- Location of economic activities in Antioquia. Steer Davis Gleave and Government of Antioquia, Colombia.
- Investment needs for urban infrastructure in Colombia, Argos and National Planning Department.
- Vision for the innovation zone of Bogotá, Los Andes University and Bogotá's Secretariat for Economic Development.
- Public services provision in Colombia, Ministry of Housing.
- Demand for social protection services in Dominican Republic, World Bank
- Urbanization and Development in Burundi, World Bank

2013

- Reforming the production of infrastructure indicators in Colombia, Ministry of Transport.
- Bus Rapid Transit systems in the main cities of Colombia. Findeter and Ministry of Transport.
- Demands for infrastructure and fiscal space for the system of cities of Colombia, DNP and UN-Habitat
- Instruments for land use regulation in Colombia
- Water and sanitation for the next fifty years in Africa, African Development Bank.
- Urbanization in Brazil, World Bank
- Labor-intensive infrastructure provision in Morocco, International Labor Organization.

2012

- Infrastructure in Colombia: current state and future developments. Fedesarrollo and Colombian Chamber of Infrastructure.
- Evaluation of the telecommunications regulatory framework, Fedesarrollo and Communications Regulatory Commission.
- A vision on Bogota's current urban development, Fedesarrollo and Bogota Land Valuation Association.

- Job creation through infrastructure investment in the MENA region. Fedesarrollo and other institutions.
- The state of infrastructure in East Africa, African Development Bank
- Principal consultant for the energy reform in Panama, The World Bank
- Principal consultant for the energy reform in Sao Tome and Principe, The World Bank
- Evaluating the social protection portfolio of Dominican Republic, The World Bank
- Advisor for business development in biofuels in Colombia, private investment fund

2011

- Regional integration and connectivity in Africa, African Development Bank
- Current situation of infrastructure provision in America Latina and the Caribbean, Castalia Advisors.
- Enhancing integration through infrastructure in the Americas, Position paper for the VI Summit of the Americas in Cartagena.
- Urbanization knowledge platform for Latin America, Fedesarrollo and the World Bank
- Infrastructure and rural productivity in Africa, African Development Bank
- Rapid urbanization and Infrastructure, African Development Bank
- Core team of the Infrastructure Action Plan of The World Bank.
- Evaluation of investment needs for infrastructure in the Middle East and North Africa, The World Bank.
- Incidence of subsidies in Panama, The World Bank
- Portfolio of programs to fight extreme poverty in Dominican Republic, The World Bank
- Evaluation of business models for energy access for the poor, Castalia Advisors.

2010

- Urbanization review for Colombia. The World Bank
- Advisor on urban economics and urban planning, Planning Secretariat of Bogota
- Prioritization of the PPP agenda of Kuwait, The World Bank
- The impact of backbone services on export competitiveness, The World Bank
- National report on reshaping economic geography: Colombia, The World Bank
- Evaluation of infrastructure investments in Madagascar and Mozambique, International Finance Corporation.
- Evaluation of the program to bridge supply gaps in social sectors in Dominican Republic, The World Bank

2009

- Municipal services and finance in Bolivia, The World Bank
- Helping the poor afford clean energy in Colombia: impact evaluation, International Finance Corporation

- Revenue enhancing strategies for water and sanitation utilities, The World Bank
- Structure of the bidding model to expand business in Mexico, Aguas de Bogotá.
- Design of an employment guarantee program for Pakistan, International Labor Organization

The World Bank

2002 – 2008

Economist

His focus was technical assistance and policy dialog with client countries on regulatory and policy reform and financing for infrastructure sectors. Contributed to a set of studies on infrastructure development and competitiveness for Colombia, Mexico, Costa Rica, Bolivia, Brazil and El Salvador. He also contributed to lending operations. He was responsible for conceptualization of studies, terms of reference, and management of junior staff and short term consultants. His areas of expertise are sector documents, financial sustainability, institutional and policy design, regulation, public-private partnerships, and impact evaluation. Infrastructure sectors included energy, water and sanitation, urban waste management, and transport. His work also focused in spatial development including urban and rural development. He was involved in field research on private sector development, logistics, firm behavior, and local economic development. In Latin America he developed detailed analyzes for Mexico, El Salvador, Honduras, Costa Rica, Colombia, Bolivia, Chile, Brazil and Uruguay. In other regions he worked on Egypt, Kuwait, Turkey, and Sri Lanka. He also wrote documents involving all countries.

International Data Corporation

2000-2002

Research Leader

- Sector structure, regulations, and forecasting of the wireless and fixed telephony markets in Colombia
- Telecommunications in Latin America.
- Valuation of telecommunications companies, investment bank due diligence.
- Advise on business models for telecommunications companies.

Consultant

1998-2001

- Evaluation of Safety net Program of the Plan Colombia, Office of the President of Colombia.
- Design of a new water utility for Peri-urban Bogotá, Water and Sewer Company of Bogotá
- Forecasting of Bogotá's Electricity Market, CODENSA S.A. (city distribution utility)
- Bogotá's Development Plan and its Effect on Real Estate Prices, Real Estate Association of Bogotá.
- Construction Sector and Macroeconomics, Camacol Antioquia – Real Estate Association of Medellín.

- Estimating Smuggling in Colombia, Tax and Customs Agency of Colombia.
- Strategy against Smuggling in Colombia, Tax and Customs Agency of Colombia.
- Demand for Power in Colombia, Ministry of Mines and Energy.

National Association of Financial Institutions.

1997-1998

Research Economist

- Housing Development and Construction Sector in Colombia
- Furniture Sector in Colombia
- Industrial Sector of Non Metallic Minerals
- Perspectives and Evolution of Transport Sector
- Perspectives and Evolution of Commerce Sector

Javeriana University

1997-2001

Associated professor and researcher

- Poverty in Colombia
- Colombian Macroeconomic Situation
- Telecommunications Market in Colombia
- Courses: Poverty and Income Distribution; Macroeconomics, and Finance.

Consultant

1996

- Demand for Electric Energy in Colombia, Ministry of Mining and Energy.
- Financial Sustainability and Tariffs Based on Costs, TELECOM Colombia.
- Natural Rate of Unemployment in Colombia, Ministry of Labor and Social Security.
- Institutional Alternatives, Water and Sewer Company of Bogotá.

Los Andes University

1993-1995

Research Assistant and Junior Professor

- Applied General Equilibrium Models, University of Maryland
- Model of Sugar-Cane and Banana Markets for Colombia, Harvard Institute
- Modeling Demand for Telecom Services, TELECOM Colombia
- Wages, Employment and Productivity in the Metallurgical Sector, Association of Metallurgic Industries
- Capital Markets in the Andean Group, Latin American Institute of Social Research

- Evaluation of the Medellín River Decontamination Program, Inter American Development Bank
- Perspectives of Andean Integration, Stanford University and Latin American Institute of Social Research
- Courses: Microeconomics

Education

- Universidad Nacional de Colombia
2002 - 2009
Ph. D. in Economics.
- Universidad de Los Andes
1994 - 1995
M.A. in Development Economics
- Universidad de Los Andes
1995 - 1996
M.A. in Economics of Natural Resources and Environment, uncompleted thesis
- Universidad de Los Andes
1990 - 1994
B.A. in Economics

Other skills

Highly skilled econometrician with the ability to migrate across programming languages. He has developed financials models for risk analysis and business development. He also works with Geographic Information Systems and spatial econometrics. He is advanced user of Web 2.0 applications including on-demand CRM, wikis, and content management systems, in addition to standard social networking and blogging.

Awards

- Latin-American Program of Natural Resources and Project Evaluation
Universidad de Los Andes – Inter American Development Bank – Corporación Andina de Fomento
M.A. Fellowship.
1995-1996
- Joint Research Program, University of Maryland/Los Andes University

University of Maryland Research Grant
1996

Publications

- with Elena Ianchovichina, Antonio Estache, Renaud Foucart, and Grégoire Garsous, 2013 "Job Creation through Infrastructure Investment in the Middle East and North Africa" World Development Journal.
- with Somik Lall and Nancy Lozano "Amplifying the gains from Urbanization" 2012 Chapter in Colombia Urbanization Review, Directions in Development, The World Bank
- with Justin Pierce and Vivien Foster, 2009 "Making sense of Africa's infrastructure endowment : a benchmarking approach" Policy Research working paper WPS 4912, World Bank
- with Somik Lall 2009 "Finding the right balance of urban institutions, infrastructure and targeted interventions: Evidence from Bogotá" World Bank Impact Evaluation Series
- with Vivien Foster. 2005 "Is cost recovery a feasible objective for water and electricity? The Latin American experience". Policy Research working paper WPS 3943, World Bank
- with Danny Leipziger, Marianne Fay, and Quentin Wodon. 2005 "Achieving child-health-related Millennium Development Goals: The role of infrastructure". In World Development Volume 33, Issue 8, August 2005, Pages 1267-1284.
- with Somik Lall, Richard Funderburg 2004 "Location, Concentration and Performance of Economic Activity in Brazil". World Bank Policy Research Working Paper No 3268.
- with Marianne Fay . 2003 "Investing in Infrastructure: What is Needed from 2000 to 2010?" World Bank Policy Research Working Paper No 3101.
- with Marianne Fay, Vivien Foster. 2002 "Asset Inequality in Latin America" World Bank Research Papers.

Conferences

"Perspectivas del sector de la construcción" Asociación Nacional de Instituciones Financieras, Cúcuta, 1998

"Impacto de la infraestructura sobre los precios de la propiedad raíz" Lonja de Propiedad Raíz de Bogotá; Lonja de Propiedad Raíz de Medellín, 1999

"Perspectivas del Internet " 2000, Cámara Colombiana de Informática y Telecomunicaciones

"Agenda de Infraestructura para Colombia", Congreso de Infraestructura in Cartagena, Cámara Colombiana de la Infraestructura; 2006

"Regulación del Transporte de Carga por Carretera" Congreso Nacional de Transporte, Asociación Nacional de Transportadores, 2006

"Neighborhood improvement in informal settlements", Meetings of the Regional Science Association International; Meetings of the Latin American Economic Association; World Bank Sustainable Development Week, Interamerican Development Bank, Infrastructure Impact Evaluation Seminar, 2007

"Competitiveness of Latin American Cities" World Conference of City Development in Porto Alegre 2008;

"Workshop: Competitividad de las ciudades de Colombia", Road trip to five cities in Colombia Manizales, Popayan, Barranquilla, Bucaramanga, Bogota, Ministry of Commerce and World Bank. 2008

"Brazil toward a more inclusive and effective participatory budgeting" World Conference of City Development in Porto Alegre, 2008

"Employment guarantee schemes and local economic development" Strategies for local employment recovery, skills development and social protection in Asia. International Labor Organization, Malang, Indonesia, 2009

"Reshaping Colombian Economic Geography" Departamento Nacional de Planeación, World Bank, 2010

"Workshop: Evaluación de Impacto de las intervenciones en Infraestructura Urbana" Secretaria Distrital de Planeación, 2010

"Política Territorial para los Sectores Productivos de Bogotá" Secretaria Distrital de Planeación, 2010

"Instrumentos de regulación de los precios del suelo para Bogotá" Secretaria Distrital de Planeación, 2010

"Workshop: Incidencia del gasto en cierre de brechas de oferta en salud y educación" Ministerio de Economía de la Republica Dominicana, World Bank, 2010.

"Workshop: Subsidios a los servicios de infraestructura en Panamá" Ministerio de Economía y Finanzas, Secretaría de Energía, World Bank. 2011

"Workshop: Insumos para el fortalecimiento de la regulación de agua y saneamiento en Costa Rica" Empresa de Acueductos y Alcantarillados de Costa Rica, San José, 2011.

Languages

Spanish (Native), English (Fluent), Portuguese (Fair), French (Basic)