Luisa M. Mimmi

Policy Analyst - Infrastructure & Development Economics

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Experienced Policy Analyst with a strong background in statistical and econometric analysis applied to economic development – especially focused on policies to alleviate poverty and promote universal access to basic services (housing, water and sanitation, energy, education and health).

My core technical skills are: designing and implementing surveys, advanced analytics and impact evaluations, but I have also demonstrated effective leadership and resourcefulness in project management roles. As a life-long learner, I am passionate about exploring new data sources and analytical tools to tackle various public policy challenges.

(Italian Citizen & US Permanent Lawful Resident)

WORK

- *Ministry of Economics and Finance (Treasury, G7/G20 office) - Rome:*

  Sr. Economic Advisor   Feb2020-Dec2021

  Member of a task force supporting Italy's G20 Presidency (in 2021), in particular the Infrastructure Working Group. Coordinator of the "resilience and maintenance" workstream, which culminated in the endorsement of a *"G20 Policy Agenda on Infrastructure Maintenance"*.

- *Inter-American Development Bank (Infrastructure - Water Div.) - Washington, DC:*

  Research Fellow   May2018-Oct2019

  Surveys and analysis of supply and demand of Water and Sanitation in Latin America | Contributor to preparation of 2020 IADB flagship publication on Infrastructure *"From Structures to Services - The Path to Better Infrastructure in Latin America and the Caribbean"*

- *World Bank (Sustainable Development - two Multilateral Trust Funds) - Washington, DC:*

  Sr. Monitoring & Evaluation Specialist   Mar2009-Apr2018

  Several feasibility and impact evaluation studies of housing and infrastructure poverty dimensions in rural and urban areas (with special focus on slums) | Design and management of M&E frameworks for multi-donor trust funds (WPP and GPOBA)

- *Inter-American Development Bank (Social Protection & Health Div.) - Washington, DC:*

  Policy Analyst   Oct2008-Feb2009

  Comparative policy paper on best practices in vocational training and entrepreneurship promotion policies

- *AVSI (Social Inclusion and Education) - Belo Horizonte, Brazil:*

  Summer Intern   summer 2007

  Initiated empirical study of slum electrification project *"Conviver"* (Belo Horizonte) | Advised on data sharing among AVSI inter-city operations

- *Value Partners S.p.A - Milan, Italy:*

  Business Intelligence Analyst   Oct2001-Jun2006

  Business intelligence analysis for several Italian clients and their domestic and international operations

EDUCATION

Georgetown University (USA), M.P.P. International Policy & Development   May 2008

Università di Pavia (Italy), B.S. Economics & Business Administration   Apr 2001

GRANTS AND AWARDS

2007/2008 "Ingenio" dissertation grant for scholars abroad - Regione Lombardia (Italy)

2006/2007 "Ambassador of Goodwill" graduate scholarship - Rotary Foundation International

1997/98 "Socrates-Erasmus" scholarship for exchange student - European Union (EU)

OTHER PROFESSIONAL SERVICE

Peer Reviewer for: *"Energy Policy"*; *"Journal of the Association of Environmental and Resource Economists"*

Discussant at conference "The Regulation of Public Utilities of the Future in Latin America and the Caribbean". Inter-American Development Bank. September 5-6, 2018

Focal Point for Water Practice at the World Bank 1st "Geospatial Day". World Bank headquarters. November 1, 2016

Water Partnership Program Delegate at "World Water Week" conference. Stockholm, Sweden. August 26 - 31, 2012

Expert Moderator at "Regional Impact Evaluation Workshop *Turning Promises into Evidence*" organized by World Bank South Asia Region and the Spanish Impact Evaluation Fund (SIEF). Dhaka, Bangladesh. October 2011

Fundraising Data Analyst (Pro bono) for Nonprofit Organization *New York Encounter*

COURSES AND JOB TRAINING

- Statistical Horizons: **Multilevel and Mixed Models Using R** (4 days)   2021
- Inter-American Development Bank: **Machine Learning (ML)** (7 weeks)   2019
- World Bank: **Household Surveys in the Post-2015 Development Agenda** (2 days)   2018
- MIT-JPAL (*online* EdX): **Evaluating Social Programs** (4 weeks)   2017
- Duke (*online* Coursera): **Managing Big Data with MySQL** (5 weeks)   2017
- MIT-JPAL (*online* EdX): **The Analytics Edge** (9 weeks)   2016
- UC-Davis (*online* Coursera): **Fundamentals of GIS** (4 weeks)   2016
- General Assembly: **SQL Bootcamp** (1 day)   2016
- Duke (*online* Coursera): **Data Analysis and Statistical Inference** (10 weeks)   2015

LANGUAGES

Italian (native), **English** (fluent), **Spanish** (fluent), **Portuguese** (conversational)

SOFTWARE

Statistics (R, Stata, SAS, MS Excel)

Databases (SQL Server, MS Access, Salesforce)

GIS *basic knowledge* (ArcGIS, QGis, GeoDa)

Misc. development tools *basic knowledge* (Git, Github, Unix Shell, GNU make, AWS)

PUBLICATIONS

Journal Articles

Patel, A. Christian Borja-Vega, Mimmi, L.M., Soukup, T., Kolomaznik, J., Marcia, M., Lee, H. Bhan, T. 2021 (Under Review) *Predicting Deprivations in Housing and Basic Services from Space in the Slums of Dhaka*.

Mimmi, L.M. 2014. *From informal to authorized electricity service in urban slums: Findings from a household level survey in Mumbai*. Energy for Sustainable Development, Vol. 21, pages 66-80.

Mimmi, L.M., and S. Ecer. 2010. *An econometric study of illegal electricity connections in the urban favelas of Belo Horizonte, Brazil*. Energy Policy, Vol. 38(9), pages 5081-5097.

Technical Reports

Mimmi, L.M., Borja-Vega, C., Patel, A., Bhan, T., Mundt, M., Lee, H. Y., Soukup, T. and Kolomaznik, J. 2018. *"Predicting Deprivations in Housing and Basic Services from Space: A Pilot Study in Slums of Dhaka, Bangladesh. Working Paper"* (pre-print). Washington DC, World Bank.

Rodriguez, D. J.; Suardi, M. A.; Ham, M.; Mimmi, L.M.; Goksu, A. J. 2014. *"Applying results-based financing in water investments"*. Water partnership program (WPP); Water papers. Washington DC, World Bank.

Mimmi, L.M. 2012. *"Assessing the Demand for Improved Electricity in Urban Slums: Findings from a Baseline Household Survey in Mumbai"*. Working Paper. Washington DC, World Bank.

Mimmi, L.M. 2012. *"Should we re-evaluate what to evaluate (and how)?"* GPOBA evaluation notes; no. 1. Washington DC, World Bank.

Johannes, L, Mimmi, L.M., Mumssen Y. 2010. *"A Snapshot of the OBA Universe"*. World Bank, April 2010.

Mimmi, L.M. 2009. *"Youth Employment and Entrepreneurship Programs: A Review of Eight Best Practices"*. Washington DC, Social Protection and Health Division, IADB.

Mimmi, L.M. 2008. *"Demand-driven solutions to illegal electricity connections - A preliminary evaluation of the "Conviver" program in the urban favelas of Belo Horizonte, Brazil (Master's Thesis)"*. Georgetown Public Policy Institute; Washington, DC.

Mimmi, L.M. 2001. *"Italian SMEs internationalization patterns within the Euro-Mediterranean Partnership. (BS's Thesis in Italian)"*. Università di Pavia, Italy.

Invited Presentations

2021, November *Infrastructure maintenance among G20 top priorities*, Lesson for World Bank's online course on *"QII and green, resilient and inclusive development"*.

2021, October 27 *Building a more resilient future: Quality Infrastructure for all*, panelist in "Breakout Session 2: Resilient infrastructure for the recovery". At OECD 6th Forum on the Governance of infrastructure. Online.

2021, October 6 *Remarks on the IWG's work under the Italian Presidency*, At "C20 Summit - Reclaiming sustainable infrastructure as a public good". Online.

2020, December 5 *"Introducing the 2021 G20 Infrastructure priorities"* intervention during Day 1, Session I *"Infrastructure resilience in light of covid-19"*. At OECD High-level Seminar on Quality Infrastructure Investment. Milano.

2020, June 26 *"Predicting deprivations in housing and basic services from space in slums of Dhaka"*, presented during session *"Case Studies on the impact of Earth Observation"*. At XVIII Milan European Economy Workshop. Milano.

2019, March 25-29 *"Predicting deprivations in housing and basic services from space in slums of Dhaka"*, presented during session *"Drawing policy advice from land data analysis"*. At Annual World Bank Conference on Land and Poverty. Washington D.C.

2017, September 14 *"Integrating Multi-Dimensional Data for Inclusive and Sustainable Development of Urban Slums"*. World Bank. Washington D.C.

2015, May 27 *"The Water Partnership Program M&E Framework: Lessons Learned"*. World Bank. Washington, D.C.

2012, April 11 *"Sampling, WTP and Demand Assessment: Findings from a Household Survey in 3 Urban Slums of Mumbai."*. World Bank. Washington, D.C.

2011, January 26 *"OBAdata Website Launch."*. World Bank. Washington, D.C.

2011, April 18-19 *"Result-Based Financing: energy applications around the world"*. EnergyLab. Milano, Italy.

2009, March 17 *"Youth Employment and Entrepreneurship Programs: Eight Best Practices."*. Inter-American Development Bank. Washington, D.C.

Public Media

[Mimmi, L. M.] *Infrastructure maintenance among G20 top priorities* G20 website, republished by World Bank Blogs

Mimmi, L.M. *"Is President Trump holding on to his electoral promise to"hire American"?"*. July 9, 2019. GiHub page

Mimmi, L.M. and Fabiana Machado. *"Technological disruption: a look into the future innovation in water and sanitation."* January 21, 2019. IADB Water Blog

Mimmi, L.M., Borja-Vega Christian, and Amit Patel. *"Predicting Slum Dwellers' Deprivations from Space: A Pilot Study on Dhaka."* November 15, 2017. World Bank Water Blog

Mimmi, L.M. *"Open Spatial Data for Resilience in Tanzania: Lessons Learned from 'Dar Ramani Huria.'"* November 15, 2016. Personal Website

Mimmi, L.M. *"Sussidiarietà e Sviluppo: L'elettricità nelle* Favelas *dell'America Latina."* February 28, 2009. (in Italian) Personal Website