

# 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

**Mimmi L.M.**. 2022 (Under Review) *'Caution: road work ahead': Italy in front of the challenge of infrastructure maintenance: existing issues and promising responses.*

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](#)