

# Luisa M. Mimmi

Economic Advisor - 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.

## WORK

- *Ministry of Economics and Finance - Rome:*

**Sr. Economic Advisor**

2020-present

Member of a task force supporting the preparation of Italy's upcoming G20 Presidency (in 2021)

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

**Research Fellow**

2018-2019

Surveys and analysis of supply and demand of Water and Sanitation in Latin America | Key contributor to preparation of 2020 IADB flagship publication on Infrastructure in LAC

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

**Sr. Monitoring & Evaluation Specialist**

2009-2018

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**

2008-2009

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**

2001-2006

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

## EDUCATION

Georgetown University (USA), M.P.P. International Policy & Development	2008
Università di Pavia (Italy), B.S. Economics & Business Administration	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

**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

• Inter-American Development Bank: <b>Machine Learning (ML)</b> (7 weeks)	2019
• World Bank: <b>Household Surveys in the Post-2015 Development Agenda</b> (2 days)	2018
• MIT-JPAL ( <i>online</i> EdX): <b>Evaluating Social Programs</b> (4 weeks)	2017
• Duke ( <i>online</i> Coursera): <b>Managing Big Data with MySQL</b> (5 weeks)	2017
• MIT-JPAL ( <i>online</i> EdX): <b>The Analytics Edge</b> (9 weeks)	2016
• UC-Davis ( <i>online</i> Coursera): <b>Fundamentals of GIS</b> (4 weeks)	2016
• General Assembly: <b>SQL Bootcamp</b> (1 day)	2016
• Duke ( <i>online</i> Coursera): <b>Data Analysis and Statistical Inference</b> (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, AWS services)

## PUBLICATIONS

### *Journal Articles*

Patel, A. Christian Borja-Vega, Mimmi, L.M., Soukup, T., Kolomaznik, J., Marcia, M., Lee, H. Bhan, T. 2019 (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. 2017. *"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*

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

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

**2014** *"The Water Partnership Program M&E Framework: Lessons Learned"*. World Bank. Washington, D.C.

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

**2011** *"OBADATA Website Launch."*. World Bank. Washington, D.C.

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

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

### **Public Media**

Mimmi, L.M. *"Is President Trump holding on to his electoral promise to 'hire American'?"*. July 9, 2019. [Personal Blog](#)

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 Blog](#)

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

## **SELECTED EMPIRICAL RESEARCH PROJECTS**

- Coordinator: Survey of Water & Sanitation Providers in Brazil and Mexico – 2018/2019 – IADB & PoPa Research
- Principal Investigator: Pilot study Combining satellite imagery and survey data to study poverty dimensions in the slums of Dhaka (Bangladesh) - 2015/2018 - WORLD BANK & ESA
- Researcher: Applying results-based financing (RBF) in water investments - 2014 - WORLD BANK-Water Partnership Program
- Principal Investigator: Household-level survey for project on Improved Electricity Access for Slum Dwellers in Mumbai (India) - 2012/2013 - WORLD BANK-GPOBA
- Project Coordinator: Impact Evaluation of "Bangladesh rural electrification and renewable energy development – Solar Homes System (SHS)" Project - 2011/2012 - WORLD BANK-GPOBA
- Project Coordinator: Impact Evaluation: OBA in Kampala – Water Connections for the poor - 2010/2011 - WORLD BANK-GPOBA
- Researcher: Comparative study of Youth Employment and Entrepreneurship Programs: A Review of Eight Best Practices - 2008 - IADB
- Researcher (thesis): Econometric study on "Conviver" slum electrification and regularization project in Belo Horizonte (Brazil) - 2007/2008 - Cemig & AVSI-CDM