



Luisa M. Mimmi

POLICY & DATA ANALYST

EU citizen (Italy) | Green card holder

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I am an economist by training with demonstrated expertise designing and implementing diagnostic tools, advanced analytics and data visualizations applied to economic development. Most of my research aims at improving universal access to basic services (housing, water and sanitation, energy, education and health). I would like to further explore integration of survey data with other sources –including social media, GIS and satellite imagery– to uncover various dimensions of poverty in vulnerable contexts.

Education

Georgetown University

M.P.P. - INTERNATIONAL POLICY & DEVELOPMENT

Washington, DC

2008

Università di Pavia

B.S. IN ECONOMICS & BUSINESS ADMINISTRATION

Pavia, Italy

2001

Universidad Autonoma de Madrid

[EXCHANGE STUDENT - EU ECONOMICS]

Madrid, Spain

1997-1998

Employment history

Italian Ministry of Economy & Finance

SR. ADVISOR (G20 TASK FORCE)

Rome, Italy

Feb 2020-Present

- Supported Italy's G20 Presidency (in 2021), in particular the Infrastructure Working Group
- Coordinated the resilience and maintenance workstream, which culminated in the endorsement of a "G20 Policy Agenda on Infrastructure Maintenance"

Inter-American Development Bank

RESEARCH FELLOW (WATER DIVISION)

Washington DC, US

Apr 2018-Oct 2019

- 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 Group

SENIOR M&E SPECIALIST (AT MULTILATERAL TRUST FUNDS)

Washington DC, US

Oct 2009-Mar 2018

- Pilot research integrating VHR satellite imagery and household survey data to estimate Slum Severity Index in slums
- Impact evaluations, quasi-experimental design, on 3 projects in India, Bangladesh and Uganda, testing innovative approaches to improve access to drinking water and electricity
- Comparative analysis of Results Based Financing in Water operations
- Design and management of M&E frameworks for multi-donor trust funds: WPP and GPOBA

Inter-American Development Bank

POLICY ANALYST (SOCIAL PROTECTION & HEALTH DIV.)

Washington DC, US

Oct 2008-Mar 2009

- Social development project on education and vocational training in Fortaleza, Brazil
- Comparative policy paper on entrepreneurship promotion for the Social Protection & Health Unit (IADB)

AVSI International NGO

SUMMER INTERN (SOCIAL INCLUSION AND EDUCATION)

Rio de Janeiro and Belo Horizonte,
Brazil

Jun 2007-Aug 2007

- Social development project on education and vocational training in Fortaleza, Brazil
- Shared reporting system for AVSI's multi-city after-school programs in urban favelas

Value Partners Management Consulting

BUSINESS INTELLIGENCE ANALYST

Milan, Italy

Oct 2001-Jun 2006

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

Honors

Visiting Scholars Funding

INGENIO DISSERTATION GRANT

Lombardia Region, Italy

2007/2008

Graduate Scholarship

AMBASSADOR OF GOODWILL SCHOLARSHIP

Rotary Foundation International

2006/2007

EU exchange student program

SOCRATES-ERASMUS SCHOLARSHIP

European Union (EU)

1997/98

Professional Service

JOURNAL PEER REVIEWER

ongoing

- 'Energy Policy' & 'Journal of the Association of Environmental and Resource Economists'

FUNDRAISING DATA ANALYST (PRO BONO)

2017-2020

- New York Encounter No Profit

FOCAL POINT FOR WATER PRACTICE

2016

- 1st Geospatial Day (World Bank HQ, Nov 1, 2016)

PROGRAM DELEGATE

2012

- World Water Week conference (Stockholm, Sweden, Aug 26-31, 2012)

EXPERT MODERATOR AT IMPACT EVALUATION WORKSHOP

2011

- Professional training run by World Bank & SIEF (Dhaka, Bangladesh, Oct 2011)

Data Science Projects

PERSONAL DATA SCIENCE BLOG

2018 - Present

- Side projects, R code, miscellaneous thoughts

BRAZIL WATER SUPPLIERS

2018/2019

- Analysis of water supply survey data in Brazil

GREEN CARD PROCESSING TIME UNDER TRUMP

2019

- Short Article and Code

NEW YORK ENCOUNTER'S FUNDRAISING IMPACT ANALYSIS

2019

- Presentation to NGO

ANALYSIS OF JOB MIGRANTS AND CITIES' COMPETITIVENESS THROUGH LINKEDIN DATA

2018

- Presentation and Code

ANALYSIS OF WDI INDICATOR "LIFE EXPECTANCY OVER TIME"

2018

- Short Article and Code

Software

Statistics

R, STATA, MS EXCEL

Databases

SQL SERVER, MS ACCESS, SALESFORCE

GIS

ARCGIS, QGIS, GEO DA

(basic level)

Development tools

GIT, GITHUB, UNIX SHELL, AWS SERVICES

(basic level)

Languages

Italian

(native)

English

(fluent)

Spanish

(fluent)

Portuguese

(conversational)

Courses and Training

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

Talks

1. Mimmi, L. M. (2021, October 6). *Remarks on the IWG's work under the Italian Presidency* [Invited Talk]. C20 Summit - Reclaiming sustainable infrastructure as a public good, online.
2. Mimmi, L. M. (2020, December 15). *High-level Seminar on Quality Infrastructure Investment* [Invited Talk]. High-level Seminar on Quality Infrastructure Investment (with the second day dedicated to Asia). In cooperation with the Ministry of Finance Singapore, sponsored by the Government of Japan
3. Mimmi, L. M. (2020, June). *Integrating multi-dimensional data for inclusive and sustainable development of urban slums* [Invited Talk]. XVIII MEEW workshop 25-26 June 2020, Milano (online).
4. Mimmi, L. M., & Borja-Vega, C. (2017, September). *Predicting Deprivations in Housing and Basic Services from Space: Preliminary Results from a Pilot Study in Slums of Dhaka, Bangladesh* [Presentation].
5. Mimmi, L. M. (2016, February). *WPP database design* [Presentation].
6. Mimmi, L. M. (2012, April). *Sampling, WTP and demand assessment: Findings from a household survey in 3 urban slums of Mumbai* [Presentation].
7. Mimmi, L. M. (2011, April). *OBA Approach: Core principles and a case of rural electrification* [Presentation].
8. Mimmi, L. M., & Mugabi, J. (2011, January). *OBAdata website launch* [Presentation].
9. Mimmi, L. M. (2009, March). *Youth employment and entrepreneurship programs: A review of 8 best practices* [Presentation].

Peer-Reviewed & Technical Publications

1. Mimmi, L. M. (2021, September). *Infrastructure maintenance: Among G20 top priorities* [World Bank Blogs]. Getting Infrastructure Finance Right. <https://blogs.worldbank.org/ppps/infrastructure-maintenance-among-g20-top-priorities>
2. Mimmi, L. M., & Machado, F. (2019, January). *Technological disruption: A look into the future innovation in water and sanitation* [IDB blog]. Volvamos a la fuente. <https://blogs.iadb.org/agua/en/technological-disruption-a-look-into-the-future-innovation-in-water-and-sanitation/>
3. Mimmi, L. M., Borja-Vega, C., Patel, A., Bhan, T., Mundt, M., Lee, H. J., Soukup, T., & Kolomaznik, J. (2017). *Predicting Deprivations in Housing and Basic Services from Space A Pilot Study in Slums of Dhaka, Bangladesh* [Working Paper]. World Bank.
4. Mimmi, L. M., Borja-Vega, C., & Patel, A. (2017, November). *Predicting slum dwellers' deprivations from space: A pilot study on Dhaka* [World Bank Blogs]. The Water Blog. <https://blogs.worldbank.org/water/predicting-slum-dwellers-deprivations-space-pilot-study-dhaka>
5. Mimmi, L. M. (2016, November). *Open spatial data for resilience in Tanzania: Lessons learned from "Dar Ramani Huria"* [Personal Blog]. <https://luisamimmi.com/>. https://luisamimmi.com/post/2016/11/15/2016-11-15_ramani-huria/
6. 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*, 21, 66–80. <https://doi.org/10.1016/j.esd.2014.05.008>

7. Rodriguez, D., Suardi, M., Ham, M., Mimmi, L. M., & Goksu, A. (2014). *Applying Results-Based Financing in Water Investments* [Working Paper]. World Bank. <http://documents.worldbank.org/curated/en/862681468326999086/Applying-results-based-financing-in-water-investments>
8. Mimmi, L. M. (2012). *Assessing the demand for improved electricity in urban slums: Findings from a baseline households-level survey in Mumbai* [Working Paper]. World Bank - GPOBA. https://www.researchgate.net/publication/319839905_Assessing_the_demand_for_improved_electricity_in_urban_slums_findings_from_a_baseline_household_Survey_in_Mumbai
9. Mimmi, L. M. (2012). *Should we re-evaluate what to evaluate (and how)?* (Policy Brief No. 83174; GPOBA Evaluation Notes, p. 7). World Bank - GPOBA. <https://documents.worldbank.org/en/publication/documents-reports/documentdetail/252381468317944978/should-we-re-evaluate-what-to-evaluate-and-how>
10. Mimmi, L. M., & Ecer, S. (2010). An econometric study of illegal electricity connections in the urban favelas of Belo Horizonte, Brazil. *Energy Policy*, 38(9), 5081–5097. <https://doi.org/10.1016/j.enpol.2010.04.037>
11. Mimmi, L. M. (2009). *Youth Employment and Entrepreneurship Programs: A Review of Eight Best Practices* [Working Paper]. Inter-American Development Bank. https://www.researchgate.net/publication/320044319_Youth_Employment_and_Entrepreneurship_Programs_A_Review_of_Eight_Best_Practices
12. Mimmi, L. M. (2009, February). *Sussidiarietà e sviluppo: L'elettricità nelle favelas dell'America Latina* [Personal Blog]. <https://luisamimmi.com/>. <https://luisamimmi.com/post/2009/02/21/sussidiariet%C3%A0-e-sviluppo/> (in Italian)

Detailed list on **Google Scholar Profile**