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	*Washington, DC*
M.P.P. - INTERNATIONAL POLICY & DEVELOPMENT	*2008*
Università di Pavia	*Pavia, Italy*
B.S. IN ECONOMICS & BUSINESS ADMINISTRATION	*2001*
Universidad Autonoma de Madrid	*Madrid, Spain*
[EXCHANGE STUDENT - EU ECONOMICS]	*1997-1998*

Employment history

Italian Ministry of Economy & Finance   *Rome, Italy*
SR. ADVISOR (G20 TASK FORCE)   *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   *Washington DC, US*
RESEARCH FELLOW (WATER DIVISION)   *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   *Washington DC, US*
SENIOR M&E SPECIALIST (AT MULTILATERAL TRUST FUNDS)   *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   *Washington DC, US*
POLICY ANALYST (SOCIAL PROTECTION & HEALTH DIV.)   *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   *Rio de Janeiro and Belo Horizonte, Brazil*
SUMMER INTERN (SOCIAL INCLUSION AND EDUCATION)   *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   *Milan, Italy*
BUSINESS INTELLIGENCE ANALYST   *Oct 2001-Jun 2006*
- Business intelligence analysis for several Italian clients and their domestic and international operations

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 (Stockolm, 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 *(basic level)*
ArcGIS, QGis, GeoDa

Development tools *(basic level)*
Git, Github, Unix Shell, AWS services

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

Honors

Publications

LM Mimmi, C Borja-Vega, A Patel, T Bhan, HJ Lee, M Mundt, T Soukup, … *The World Bank*

Predicting Deprivations in Housing and Basic Services from Space: A Pilot Study in Slums of Dhaka, Bangladesh *2018*

LM Mimmi *Energy for Sustainable Development*

From informal to authorized electricity service in urban slums: Findings from a household level survey in Mumbai *2014*

L Mimmi, A Goksu, D Rodriguez, M Suardi, M Ham *World Bank*

Applying results-based financing in water investments *2014*

LM Mimmi *Baseline report (internal)*

Assessing the demand for improved electricity in urban slums: findings from a baseline household survey in Mumbai *2012*

L Mimmi *Washington DC: Global Partnership on Output-Based Aid*

Should We Re-evaluate What to Evaluate (and How) *2012*

LM Mimmi, S Ecer *Energy Policy*

An econometric study of illegal electricity connections in the urban favelas of Belo Horizonte, Brazil *2010*

LM Mimmi

Demand-driven solutions to illegal electricity connections-a preliminary evaluation of the "Conviver" program in the urban favelas of Belo Horizonte, Brazil *2010*

LM Mimmi

Youth Employment and Entrepreneurship Programs: A Review of Eight Best Practices. *2009*

Articles in Public Media

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

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

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

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

Peer-Reviewed & Technical Publications

Detailed list on **Google Scholar Profile**