

# Luisa M. Mimmi

PUBLIC POLICY & DATA ANALYSIS

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. I have investigated different policies and financial tools to improve universal access to infrastructure services (housing, water and sanitation, energy, education and health). A life-long learner, I am passionate about using data from different sources –including social media, GIS and satellite imagery– to understand and tackle complex public policy issues.*

## 📁 Professional Experience

### Italian Ministry of Economy & Finance

Rome, Italy

SR. ADVISOR (G20 TASK FORCE)

Feb 2020-Dec 2021

- 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

## 📊 Data Science Projects

PERSONAL DATA SCIENCE BLOG

2018 - Present

- Side projects, R code, miscellaneous public policy articles

BRAZIL WATER SUPPLIERS

2018/2019

- Analysis of water supply survey data in Brazil

GREEN CARD PROCESSING TIME UNDER TRUMP

2019

- Short Article + Code

NEW YORK ENCOUNTER'S FUNDRAISING IMPACT ANALYSIS

2019

- Presentation to NGO

ANALYSIS OF JOB MIGRANTS AND CITIES' COMPETITIVENESS THROUGH LINKEDIN DATA

2018

- Presentation + Code

ANALYSIS OF WDI INDICATOR "LIFE EXPECTANCY OVER TIME"

2018

- Short Article + Code

### 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

## Academic Honors

### “Ingenio” Research Funding Program: Visiting Scholar Dissertation Grant

LOMBARDIA REGION, ITALY

2007/2008

### Graduate Tuition Scholarship: “Ambassador of Goodwill” scholarship

ROTARY FOUNDATION INTERNATIONAL

2006/2007

### EU exchange Student Program: “Socrates-Erasmus” scholarship

EUROPEAN UNION (EU)

1997/98

## Software

STATISTICS / DATABASES: [R, STATA, MS EXCEL, SQL SERVER, MS ACCESS, SALESFORCE]

GIS: [ARCGIS, QGIS, GEOA]

OTHER PROGRAMMING TOOLS (BASIC LEVEL): [GIT, GITHUB, UNIX SHELL, CSS, HTML, LATEX, MARKDOWN]

## Languages

ITALIAN: [NATIVE]

ENGLISH: [FLUENT]

SPANISH: [FLUENT]

PORTUGUESE: [CONVERSATIONAL]

## Publications

### PEER-REVIEWED ARTICLES & TECHNICAL REPORTS

[See detailed list on **Google Scholar Profile**]

### OTHER MEDIA

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. (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>
4. 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/](https://luisamimmi.com/post/2016/11/15/2016-11-15_ramani-huria/)
5. 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/sussidiarieta-e-sviluppo/> (in Italian)