

# Luisa M. Mimmi

## PUBLIC POLICY & DATA ANALYSIS



Born 26/11/1975 | EU citizen (Italy) | Green card holder

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**PROFILE:** Accomplished policy advisor with a strong background in statistics and econometrics applied to economic development. In over 15 years of experience, in Italy and abroad, I have evaluated the feasibility and impact of policies and financial instruments promoting inclusive and sustainable access to infrastructure services (housing, mobility, water and sanitation, energy, education and health).

**GOAL:** I am currently pursuing opportunities to apply my policy analysis and project management skills towards the implementation and evaluation of national & EU Structural and Investment Funds (PNRR, Next Generation EU, ERDF, ESF, CF, Horizon, etc).

## Professional Experience

### Freelance Consulting

POLICY ANALYST & DATA SCIENTIST

- Currently advising the Italian Ministry of Finance on resilient infrastructure policies
- Redacted 1 peer-reviewed article

Pavia, Italy

Jan 2022-Present

### Italian Ministry of Economy & Finance

SR. ECONOMIC ADVISOR (G20 TASK FORCE)

- Contributed to the Infrastructure Working Group (IWG) during Italy's G20 Presidency in 2021
- Coordinated 3 junior resources and the infrastructure resilience and maintenance workstream
- Drafted the 'G20 Policy Agenda on Infrastructure Maintenance' endorsed by Finance Ministers

Rome, Italy

Feb 2020-Dec 2021

### CSIL

ADVISOR FOR EU FUNDING PROPOSAL

- Advised on tender for research project on 'EU Lagging Regions: state of play and future challenges' funded by the EU
- Contributed to preparation of technical and financial proposal to the European Parliament's Committee on Regional Development (REGI)

Milan, Italy

Feb 2020- 2020

### Inter-American Development Bank

RESEARCH FELLOW (WATER DIVISION)

- Conducted surveys and analyses of supply and demand of Water and Sanitation in Latin America
- Supervised consulting team running field surveys in Brazil and Mexico
- Contributed to 2020 IADB flagship publication on Infrastructure 'From Structures to Services: The Path to Better Infrastructure in Latin America and the Caribbean'

Washington DC, US

May 2018-Jan 2019

### World Bank

SENIOR M&E SPECIALIST (AT MULTILATERAL TRUST FUNDS)

- Designed and managed M&E frameworks for 2 multi-donor trust funds: WPP and GPOBA
- Conducted feasibility and impact evaluation studies focused on infrastructure poverty dimensions in rural and urban areas of Mumbai (India), Nairobi (Kenya), Kampala (Uganda), and Dhaka (Bangladesh)
- Redacted 3 peer-reviewed publications, including pilot research on integrating satellite imagery and household survey data to estimate Slum Severity Index in Dhaka

Washington DC, US

Mar 2009-Apr 2018

### Inter-American Development Bank

POLICY ANALYST (SOCIAL PROTECTION & HEALTH DIV.)

- Social development project on education and vocational training in Fortaleza, Brazil
- Presented comparative policy paper on entrepreneurship promotion to Division

Washington DC, US

Oct 2008-Feb 2009

### AVSI International NGO

SUMMER INTERN (SOCIAL INCLUSION AND EDUCATION)

- Initiated empirical study of slum electrification project 'Conviver' (Belo Horizonte)
- Advised on data sharing among AVSI inter-city educational interventions in urban 'favelas'

Rio and Belo Horizonte, Brazil

Jun 2007-Aug 2007

### Value Partners Management Consulting

BUSINESS INTELLIGENCE ANALYST

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

Milan, Italy

Oct 2001-Jun 2006

## Education

### Georgetown University

M.P.P. IN INTERNATIONAL POLICY & DEVELOPMENT (2 YR)

Washington DC, USA

May 2008

### Università di Pavia

B.Sc. IN ECONOMICS & BUSINESS ADMINISTRATION (4 YR)

Pavia, Italy

Apr 2001

### Universidad Autonoma de Madrid

[ERASMUS EXCHANGE STUDENT] (1 YR)

Madrid, Spain

Jul 1998


### Liceo Scientifico T. Olivelli

SCIENTIFIC HIGH SCHOOL DIPLOMA (5 YR)


Pavia, Italy

Jun 1994

## Professional Skills

 **Analytical Skills:** Outstanding critical, 'out-of-the-box' thinking, problem solving and data analysis skills, acquired serving international development programs

 **Organization Skills:** Demonstrated creativity, resourcefulness and teamwork skills in leading complex and multi-partner projects

 **Communication Skills:** Effective interpersonal and communication skills, proven by record of multilingual publications and public speaking

## Software

### Office Suite

(Expert)

MS Office, iWork Suite,  
Google Suite, LibreOffice

### Statistics/Databases

(Expert)

R, RStudio, Stata, SQL,  
Salesforce, MS Excel

### GIS

(Basic)

ArcGIS, QGIS, GeoDa,  
OpenStreetMap

### Other

(Basic)

Git, Github, Unix Shell, CSS,  
HTML, LaTeX, Markdown

## Languages

Skill	Italian	English	Spanish	Portuguese
Reading	Native	C2	C2	B2
Writing	Native	C2	C1	A1
Listening	Native	C2	C2	B2
Speaking	Native	C2	C2	B2

Common European Framework of Reference for Languages: A1/A2: Basic User. B1/B2: Independent User. C1/C2: Proficient User

## Honors & Awards

### Selected within Earth Observation for Sustainable Development (EO4SD) program

WORLD BANK & ESA

2017/2020

### “Ingenio” Research Funding Program

LOMBARDIA REGION, ITALY

2007/2008

### “Ambassador of Goodwill” scholarship

ROTARY FOUNDATION INTERNATIONAL

2006/2007

### “Socrates-Erasmus” scholarship

EUROPEAN UNION (EU)

1997/1998

## Professional Development

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LINKEDIN LEARNING – GIT ESSENTIAL TRAINING (3 HOURS)	2022
• Certificate	
STATISTICAL HORIZONS – MULTILEVEL AND MIXED EFFECTS MODELS USING R (4 DAYS)	2021
IADB – MACHINE LEARNING WITH R (7 WEEKS)	2019
WORLD BANK – HOUSEHOLD SURVEYS IN THE POST-2015 DEVELOPMENT AGENDA (2 DAYS)	2018
MIT-JPAL (ON EDX) – EVALUATING SOCIAL PROGRAMS (4 WEEKS)	2017
DUKE (ON COURSERA) – MANAGING BIG DATA WITH MYSQL (5 WEEKS)	2017
• Certificate	
MIT-JPAL (ON EDX) – THE ANALYTICS EDGE (9 WEEKS)	2016
UC-DAVIS (ON COURSERA) – FUNDAMENTALS OF GIS (4 WEEKS)	2016
• Certificate	
IRES (KENYA) – GIS ANALYSIS FOR WASH PROGRAMS (5 DAYS)	2016
GENERAL ASSEMBLY – SQL BOOTCAMP (1 DAY)	2016
DUKE (ON COURSERA) – DATA ANALYSIS AND STATISTICAL INFERENCE (10 WEEKS)	2015
JOHNS HOPKINS (ON COURSERA) – THE DATA SCIENTIST TOOLBOX (4 WEEKS)	2014
• Certificate	

## Other Professional Service

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REVIEWER FOR ACADEMIC JOURNALS	Ongoing
• 'Energy Policy' & 'Journal of the Association of Environmental and Resource Economists'	
FUNDRAISING DATA ANALYST (PRO BONO)	2017-2020
• Advised 'New York Encounter' No Profit on fundraising outreach strategy	
CONFERENCE MODERATOR FOR INTER-AMERICAN DEVELOPMENT BANK - WATER DIV.	Sep 2018
• Conference on: 'The Regulation of Public Utilities of the Future in Latin America and the Caribbean' (5/6 Sep 2018)	
FOCAL POINT FOR WORLD BANK WATER PRACTICE	Nov 2016
• Supported preparation of 1st World Bank Geospatial Day (WB HQ, Nov 1, 2016)	
DELEGATE FOR WATER PARTNERSHIP PROGRAM	Aug 2012
• World Water Week conference (Stockholm, Sweden, Aug 26-31, 2012)	
TEACHING ASSISTANT OF ECONOMETRICS	Oct 2011
• Professional Workshop run by World Bank & SIEF (Dhaka, Bangladesh, 9-13 Oct 2011)	

## Data Science Projects

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NLP STUDY APPLIED TO POLICY MAKING	2022 - Present
• (Ongoing) What is the influence of slogans on policy making?	
PERSONAL DATA SCIENCE BLOG	2018 - Present
• Side projects, R code, miscellaneous public policy articles	
EMPIRICAL STUDY ON BRAZIL WATER SUPPLIERS	2018/2019
• Analysis of original data from water supply survey in Brazil	
ANALYSIS OF PUBLIC US IMMIGRATION DATA	2019
• Brief study on green cards' processing times in the US	
FUNDRAISING DATA ANALYSIS	2019
• Impact analysis on New York Encounter's (NGO) fundraising outreach	
ANALYSIS OF LINKEDIN DATA	2018
• Analysis of job migrants and cities' competitiveness through LinkedIn data	
ANALYSIS OF WORLD BANK WDI DATA	2018
• Analysis of World Bank's WDI indicator 'Life Expectancy'	

## Publications

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### PEER-REVIEWED ARTICLES

Patel, A., Borja-Vega, C., Mimmi, L. M., Soukup, T., & Kolomaznik, J. (2022). Predicting Housing Deprivation from Space in the Slums of Dhaka. *Environment and Planning B: Urban Analytics and City Science*. <https://doi.org/10.1177/239980832211235>

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>

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>

### TECHNICAL REPORTS

Mimmi, L. M. (2022). Italy in front of the challenge of infrastructure maintenance: Existing issues and promising responses. (*Under Review*), 33. Retrieved from [https://www.researchgate.net/publication/363851925\\_Italy\\_in\\_front\\_of\\_the\\_challenge\\_of\\_infrastructure\\_maintenance\\_existing\\_issues\\_and\\_promising\\_responses\\_Challenges\\_of\\_infrastructure\\_maintenance](https://www.researchgate.net/publication/363851925_Italy_in_front_of_the_challenge_of_infrastructure_maintenance_existing_issues_and_promising_responses_Challenges_of_infrastructure_maintenance)

Mimmi, L. M., Beuchod, E. E., Samoncini, B., & Taddei, A. (2020). *Priorities and major challenges for Italy's G20 Presidency in 2021 in the Infrastructure Working Group*. Rome.

Mimmi, L. M., Borja-Vega, C., Patel, A., Bhan, T., Mundt, M., Lee, H. J., ... Kolomaznik, J. (2017). *Predicting Deprivations in Housing and Basic Services from Space A Pilot Study in Slums of Dhaka, Bangladesh*. Retrieved from World Bank website: [https://www.researchgate.net/publication/325090468\\_Predicting\\_Deprivations\\_in\\_Housing\\_and\\_Basic\\_Services\\_from\\_Space\\_A\\_Pilot\\_Study\\_in\\_Slums\\_of\\_Dhaka\\_Bangladesh](https://www.researchgate.net/publication/325090468_Predicting_Deprivations_in_Housing_and_Basic_Services_from_Space_A_Pilot_Study_in_Slums_of_Dhaka_Bangladesh)

Rodriguez, D., Suardi, M., Ham, M., Mimmi, L. M., & Goksu, A. (2014). *Applying Results-Based Financing in Water Investments*. Retrieved from World Bank website: <http://documents.worldbank.org/curated/en/862681468326999086Applying-results-based-financing-in-water-investments>

Mimmi, L. M. (2012). *Assessing the demand for improved electricity in urban slums: Findings from a baseline households-level survey in Mumbai*. Retrieved from World Bank - GPOBA website: [https://www.researchgate.net/publication/319839905\\_Assessing\\_the\\_demand\\_for\\_improved\\_electricity\\_in\\_urban\\_slums\\_findings\\_from\\_a\\_baseline\\_household\\_Survey\\_in\\_Mumbai](https://www.researchgate.net/publication/319839905_Assessing_the_demand_for_improved_electricity_in_urban_slums_findings_from_a_baseline_household_Survey_in_Mumbai)

Mimmi, L. M. (2012). *Should we re-evaluate what to evaluate (and how)?* (No. 83174; p. 7). Retrieved from World Bank - GPOBA website: <https://documents.worldbank.org/en/publication/documents-reports/documentdetail/252381468317944978/should-we-re-evaluate-what-to-evaluate-and-how>

Mimmi, L. M. (2009). *Youth Employment and Entrepreneurship Programs: A Review of Eight Best Practices*. Retrieved from Inter-American Development Bank website: [https://www.researchgate.net/publication/320044319\\_Youth\\_Employment\\_and\\_Entrepreneurship\\_Programs\\_A\\_Review\\_of\\_Eight\\_Best\\_Practices](https://www.researchgate.net/publication/320044319_Youth_Employment_and_Entrepreneurship_Programs_A_Review_of_Eight_Best_Practices)

[\[See detailed publications list on my Google Scholar Profile\]](#)

### OTHER DIVULGATIVE MEDIA

Mimmi, L. M. (2021, September). Infrastructure maintenance: Among G20 top priorities. Retrieved October 18, 2021, from <https://blogs.worldbank.org/ppps/infrastructure-maintenance-among-g20-top-priorities>

Mimmi, L. M., & Machado, F. (2019, January). Technological disruption: A look into the future innovation in water and sanitation. Retrieved June 16, 2019, from <https://blogs.iadb.org/agua/en/technological-disruption-a-look>

Mimmi, L. M., Borja-Vega, C., & Patel, A. (2017, November). Predicting slum dwellers' deprivations from space: A pilot study on Dhaka. Retrieved from <https://blogs.worldbank.org/water/predicting-slum-dwellers-deprivations>

Mimmi, L. M. (2016, November). Open spatial data for resilience in Tanzania: Lessons learned from “Dar Ramani Huria.” Retrieved from <https://lulliter.com/posts/2016-11-15-ramani-huria/>

Mimmi, L. M. (2009, February). Sussidiarietà e sviluppo: l'elettricità nelle favelas dell'America Latina. Retrieved from <https://lulliter.com/posts/2009-02-21-2009-02-21-sussidiar/>

Mimmi, L. M. (2021, October). *Remarks on the IWG's work under the Italian Presidency*. Presented at the C20 Summit - Reclaiming sustainable infrastructure as a public good, online.

Mimmi, L. M. (2021, October). *Building a more resilient future: Quality Infrastructure for all - [Session on "Resilient infrastructure for the recovery"]*. Presented at the BREAKOUT SESSION 2: Resilient infrastructure for the recovery, online. Retrieved from <https://oecd-events.org/ipp-week-2021/session/8aa37da8-8a26-ec11-ae72-c896658c747>

Mimmi, L. M. (2021, November). *Infrastructure maintenance among G20 top priorities*. Presented at the WBG MOOC on "QII and green, resilient and inclusive development," online. Retrieved from <https://learning.edx.org/course/course-v1:WBGx+IQI01x+1T2022/home>

Mimmi, L. M., Beuchod, E. E., Samoncini, B., & Taddei, A. (2020, May). *Potenziali priorità per la Presidenza Italiana G20 nell'area tematica Infrastrutture*. Presented at the Presentation at MEF, Rome.

Mimmi, L. M. (2020, June). *Integrating multi-dimensional data for inclusive and sustainable development of urban slums*. Presented at the XVIII MEEW workshop 25-26 June 2020, Milano (online).

Mimmi, L. M. (2020, December). *High-level Seminar on Quality Infrastructure Investment*. Presented at the High-level Seminar on Quality Infrastructure Investment, online.

Mimmi, L. M. (2018, September). *The Regulation of Public Utilities of the Future in Latin America and the Caribbean - Water and Sewerage Sector*. Presented at the "Red De Centros" 1st seminar, Inter-American Development Bank.

Mimmi, L. M., & Borja-Vega, C. (2017, September). *Integrating multi-dimensional data for inclusive and sustainable development of urban slums - Preliminary findings from Dhaka pilot (Phase I)*. Presented at the Washington, D.C.

Mimmi, L. M. (2015, May). *WPP database design*. Presented at the WB program meeting, Washington, D.C.

Mimmi, L. M. (2012, April). *Sampling, WTP and demand assessment: Findings from a household survey in 3 urban slums of Mumbai*. Presented at the WB program meeting, Washington, D.C.

Mimmi, L. M., & Mugabi, J. (2011, January). *OBAdata website launch*. Presented at the Washington, D.C.

Mimmi, L. M. (2011, April). *OBA Approach: Core principles and a case of rural electrification*. Presented at the EnergyLab, Milano, Italy.

Mimmi, L. M. (2009, March). *Youth employment and entrepreneurship programs: A review of 8 best practices*. Presented at the IDB division meeting, Washington, D.C.