

Luisa M. Mimmi

PUBLIC POLICY & DATA ANALYSIS



EU citizen (Italy) | Green card holder

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🏠 lulliter.com | 📷 lulliter | 🌐 luisa-m-mimmi | 🐦 lulliter | 📺 Luisa-Mimmi

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 revolves around different policies improving universal access to basic infrastructure services (housing, water and sanitation, energy, education and health). 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

Independent Consulting

POLICY ANALYST & DATA SCIENTIST

Pavia, Italy

Jan 2022-Sep 2022

- Currently advising the Italian Ministry of Finance (on resilient infrastructure policies)

Italian Ministry of Economy & Finance

Rome, Italy

SR. ADVISOR (G20 TASK FORCE)

Feb 2020-Dec 2021

- Coordinated the resilience and maintenance workstream for the G20 Infrastructure Working Group during Italy's G20 Presidency in 2021
- KEY ACHIEVEMENTS: Drafted the "G20 Policy Agenda on Infrastructure Maintenance" endorsed by Finance Ministers

CSIL

Milan, Italy

ADVISOR

Feb 2020-Mar 2020

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

Inter-American Development Bank

Washington DC, US

RESEARCH FELLOW (WATER DIVISION)

May 2018-Oct 2019

- Surveys and analysis of supply and demand of Water and Sanitation in Latin America
- KEY ACHIEVEMENTS: Contributed to 2020 IADB flagship publication on Infrastructure "From Structures to Services: The Path to Better Infrastructure in Latin America and the Caribbean"

World Bank

Washington DC, US

SENIOR M&E SPECIALIST (AT MULTILATERAL TRUST FUNDS)

Mar 2009-Apr 2018

- 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
- KEY ACHIEVEMENTS: 3 peer-reviewed publications, including pilot research on integrating satellite imagery and household survey data to estimate Slum Severity Index in Dhaka

Inter-American Development Bank

Washington DC, US

POLICY ANALYST (SOCIAL PROTECTION & HEALTH DIV.)

Oct 2008-Feb 2009

- Social development project on education and vocational training in Fortaleza, Brazil
- KEY ACHIEVEMENTS: Presented comparative policy paper on entrepreneurship promotion to Social Protection & Health Div.

AVSI International NGO

Rio and Belo Horizonte, Brazil

SUMMER INTERN (SOCIAL INCLUSION AND EDUCATION)

Jun 2007-Aug 2007

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

💡 Other 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

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| 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

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| 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 | |

Education

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| 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 |
| [ERASMUS EXCHANGE STUDENT - EU ECONOMICS] | 1997-1998 |

Academic Honors

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

Languages

ITALIAN: [NATIVE]
 ENGLISH: [FLUENT]
 SPANISH: [FLUENT]
 PORTUGUESE: [CONVERSATIONAL]

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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 | |

Talks

- Mimmi, L. M. (2021, November). *Infrastructure maintenance among G20 top priorities* [Lesson]. WBG MOOC on “QII and green, resilient and inclusive development,” online. <https://learning.edx.org/course/course-v1:WBGx+IQI01x+1T2022/home>
- Mimmi, L. M. (2021, October 27). *Building a more resilient future: Quality Infrastructure for all - [Session on “Resilient infrastructure for the recovery”]* [Invited Talk]. BREAKOUT SESSION 2: Resilient infrastructure for the recovery, online. <https://oecd-events.org/ipp-week-2021/session/8aa37da8-8a26-ec11-ae72-c896658c7478>
- 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.
- Mimmi, L. M. (2020, December 15). *High-level Seminar on Quality Infrastructure Investment* [Invited Talk]. High-level Seminar on Quality Infrastructure Investment, online.
- Mimmi, L. M. (2020, June 25–26). *Integrating multi-dimensional data for inclusive and sustainable development of urban slums* [Invited Talk]. XVIII MEEW workshop 25-26 June 2020, Milano (online).
- Mimmi, L. M., Beuchod, E. E., Samoncini, B., & Taddei, A. (2020, May 25). *Potenziali priorità per la Presidenza Italiana G20 nell’area tematica Infrastrutture* [Presentation]. Presentation at MEF, Rome.
- Mimmi, L. M. (2018, September 5–6). *The Regulation of Public Utilities of the Future in Latin America and the Caribbean - Water and Sewerage Sector* [Presentation]. “Red De Centros” 1st seminar, Inter-American Development Bank.
- Mimmi, L. M., & Borja-Vega, C. (2017, September 14). *Integrating multi-dimensional data for inclusive and sustainable development of urban slums - Preliminary findings from Dhaka pilot (Phase I)* [Presentation].
- Mimmi, L. M. (2015, May 27). *WPP database design* [Presentation]. WB program meeting, Washington, D.C.
- Mimmi, L. M. (2012, April 11). *Sampling, WTP and demand assessment: Findings from a household survey in 3 urban slums of Mumbai* [Presentation]. WB program meeting, Washington, D.C.
- Mimmi, L. M. (2011, April 18–19). *OBA Approach: Core principles and a case of rural electrification* [Presentation]. EnergyLab, Milano, Italy.
- Mimmi, L. M., & Mugabi, J. (2011, January 26). *OBAdata website launch* [Presentation].
- Mimmi, L. M. (2009, March 17). *Youth employment and entrepreneurship programs: A review of 8 best practices* [Presentation]. IDB division meeting, Washington, D.C.

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

PEER-REVIEWED ARTICLES & TECHNICAL REPORTS

1. Patel, A., Borja-Vega, C., Mimmi, L. M., Soukup, T., & Kolomaznik, J. (2022). Predicting Housing Deprivation from Space in the Slums of Dhaka [Peer-reviewed]. *Environment and Planning B: Urban Analytics and City Science*. <https://doi.org/10.1177/239980832211235>
2. Mimmi, L. M. (2022). Italy in front of the challenge of infrastructure maintenance: Existing issues and promising responses (Under Review) [Peer-reviewed]. (*Under Review*), 33.
3. 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* [Background Paper]. Rome.
4. 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. https://www.researchgate.net/publication/325090468_Predicting_Deprivations_in_Housing_and_Basic_Services_from_Space_A_Pilot_Study_in_Slums_of_Dhaka_Bangladesh
5. Mimmi, L. M. (2014). From informal to authorized electricity service in urban slums: Findings from a household level survey in Mumbai [Peer-reviewed]. *Energy for Sustainable Development*, 21, 66–80. <https://doi.org/10.1016/j.esd.2014.05.008>
6. 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>
7. 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
8. 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>
9. Mimmi, L. M., & Ecer, S. (2010). An econometric study of illegal electricity connections in the urban favelas of Belo Horizonte, Brazil [Peer-reviewed]. *Energy Policy*, 38(9), 5081–5097. <https://doi.org/10.1016/j.enpol.2010.04.037>
10. 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

OTHER MEDIA

1. Mimmi, L. M. (2021, September). *Infrastructure maintenance: Among G20 top priorities* [World Bank Blog]. 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 Blog]. 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://lulliter.com/>. <https://lulliter.com/posts/2016-11-15-ramani-huria/>

5. Mimmi, L. M. (2009, February). *Sussidiarieta' e sviluppo: l'elettricità nelle favelas dell'America Latina* [Personal Blog].
2009-02-21-2009-02-21-sussidiar/ <https://lulliter.com/>. <https://lulliter.com/posts/>