

Rebeca C. de Buen Kalman

Curriculum Vitae

Personal Summary

I am a PhD candidate in Public Policy and Governance. My interests lie in the application of qualitative and quantitative methods to questions about urban environments and mobility policy. My current research broadly examines how external shocks impact cycling, transit, and bikeshare systems and the emergence and effectiveness of governance regimes for promoting cycling in Mexican cities.

📍 Evans School of Public Policy and Governance,
University of Washington
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🌐 Personal webpage
👤 rdebuen
🐦 @rebedebuen
🔗 Google Scholar

Education

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| Ongoing | PhD in Public Policy and Management — Evans School of Public Policy and Governance, University of Washington
Dissertation: Three Essays on Urban Mobility in Mexican Cities |
| 2018 | MSc Public Policy — Evans School of Public Policy and Governance, University of Washington
Major area paper: Bikeshare Systems - Determinants of Use and System Outcomes. |
| 2008 | MSc Water Policy, Management, and Science — Oxford University Center for the Environment
Dissertation (with Distinction): Assessment of Natural Remediation as a Strategy for Reducing Pollution in the Lincolnshire Limestone |
| 2007 | Bachelor of Science — Universidad Nacional Autonoma de Mexico
Thesis: Analysis of Pollution Dispersion in Playa Norte, Veracruz |

Certifications

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| 2014 | Technical Certificate in Economics — Instituto Tecnológico Autónomo de México
One year certificate course centered on microeconomics. |
| 2012 | Leadership for Environment and Development (LEAD) — El Colegio de México
One year certificate course centered on sustainable development and environmental policy |

Publications

- R de Buen Kalman.** 2021. Can't drive today? The impact of driving restrictions on bikeshare ridership in Mexico City. *Transportation Research Part D*
- J Froehlich, M Saugstad, E Martínez, **R de Buen Kalman.** 2020. Sidewalk Accessibility in the US and Mexico: Policies, Tools, and A Preliminary Case Study. *Workshop Proceedings of Civic Tech 2020*
- RM Shaffer, SP Sellers, MG Baker, **R de Buen Kalman** et al.. 2019. Improving and Expanding Estimates of the Global Burden of Disease Due to Environmental Health Risk Factors. *Environmental Health Perspectives* 127(10)
- J Zavala-Hidalgo, **R de Buen Kalman**, R Romero Centeno, F Hernandez Maguey. 2009. Tendencias del nivel del mar en las costas mexicanas. *Vulnerabilidad de las zonas costeras mexicanas ante el cambio climático*. SyG Editores. Gobierno del Estado de Tabasco. Semarnat-INE, UNAM-ICMyL, Universidad Autónoma de Campeche

In Preparation

- R de Buen Kalman**, CC Lanfear. Uses of Mexico City Bikeshare in the Aftermath of the 2017 Earthquake.
- R de Buen Kalman**, CC Lanfear. The Effect of a Gas Shortage on Transit and Bikeshare Use in Mexico City and Guadalajara.

Scholarships, Awards, and Fellowships

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| 2020 | \$25k Toyota Mobility Foundation Research Grant, University of Washington/ Toyota Mobility Foundation |
| 2019 | Data Science for Social Good Fellowship (Seattle Mobility Index team), eScience institute, University of Washington |
| 2018 | Evans School Global Action Prize, Evans School of Public Policy and Governance, University of Washington |
| 2015 | University of Washington Program on Climate Change Fellowship, Program on Climate Change, University of Washington |
| 2007 | Full scholarship to attend Oxford University, Consejo Nacional de Ciencia y Tecnología, Mexico |
| 2006 | Scholarship for BSc thesis, Consejo Nacional de Ciencia y Tecnología, Mexico |
| 2002 | Scholarship to attend the 34th Dr. Bessie F. Lawrence International Summer Science Institute (ISSI), Weizmann institute of Science, Israel |

Service

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| 2019 – 2020 | PhD Student Representative, Evans School of Public Policy and Governance, University of Washington |
| 2016 – 2018 | Program on Climate Change Student Steering Committee, University of Washington |
| 2007 – 2008 | Class Representative, University of Oxford Masters in Water Science, Policy and Management |

Work Experience

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| 2020 | Children, Covid and Consequences Graduate Research Assistant
Center for Ecology and Demography, University of Washington |
| 2020 – Present | Ocean Nexus Research Associate
Earthlab, University of Washington |

2019	Seattle Rental Housing Study Graduate Research Assistant Sociology Department, University of Washington
2013 – 2015	Program Associate ClimateWorks Foundation, Latin America Regional Climate Initiative
2013	Policy Analyst/ Project Leader Centro Mario Molina
2009 – 2012	Associate Climate Change and Sustainability Department KPMG Advisory, Madrid
2008 – 2009	Research Assistant Centro de Ciencias de la Atmósfera UNAM

Courses (Teaching Assistant)

2016 – 2020	Managing Politics in the Policy Process (PUBPOL511) University of Washington - 4 terms
2016 – 2019	Managing Organizational Performance (PUBPOL512) University of Washington - 3 terms
2016 – 2019	Policy Analysis (PUBPOL513) University of Washington - 3 terms
2016 – 2017	Introduction to Public Policy (PUBPOL201) University of Washington - 2 terms

Languages

Spanish (Native)
English (Native)
French (Beginner)

Software

Microsoft Office
R (Intermediate data cleaning and manipulation, visualization, analysis)
Python (working knowledge)