Stanford



Blas L. Pérez Henríquez

Senior Research Scholar, Bill Lane Center for the American West

Bio

BIO

Blas L. Pérez Henríquez founded and serves as Director of the California-Global Energy, Water & Infrastructure Innovation Initiative at Stanford University, sponsored by the Bill Lane Center for the American West, where he is a Senior Research Scholar focusing on regional resource-efficient economic development opportunities. His research and teaching centers on policy analysis to advance clean innovation through novel technological, business, policy, and social solutions for a new clean economy. He directs the Local Governance Summer Institute @ Stanford (LGSI) and its international version the Smart City: Policy, Strategy and Innovation Institute @ Stanford. He also leads the Stanford | Mexico Clean Economy 2050 project.

He has served as a Distinguished Visiting Professor at the School of Engineering and Sciences of the Technological Institute of Superior Studies of Monterrey (ITESM) in Monterrey, Nuevo Leon, Mexico, Senior Visiting Research Fellow at the Grantham Research Institute on Climate and the Environment at the London School of Economics and Political Science (LSE) in London, United Kingdom, and as Guest Professor at the Centre of Economics Research and Teaching (CIDE) in Mexico City, Mexico.

He is the author of “Environmental Commodities and Emissions Trading: Towards a Low Carbon Future,” Resources for the Future – RFF Press/ Routledge, Washington, DC (2013) and co-editor of “Carbon Governance, Climate Change and Business Transformation,” Routledge Advances in Climate Change Research, Taylor & Francis Group, Oxford, UK (2015). He also co-edited the book "High-Speed Rail and Sustainability, Decision-making and the political economy of investment," Routlege Explorations in Environmental Studies, Taylor & Francis Group, Oxford, UK (2017). He has written on public-private environmental and energy collaboration in Silicon Valley, water-energy nexus, sustainable transportation and on the use of information technology to support environmental markets and smart policymaking.His most recent publication is the chapter on Environmental Public Policy in the Oxford Research Encyclopedia of Environmental Science (2025) and has been a contributing author to reports of the Intergovernmental Panel on Climate Change (IPCC) of the United Nations (UN).

Pérez Henríquez is a member of the Distinguished Advisory Group of the Integrity Council for Voluntary Carbon Markets (IC-VCM), derived from the work of the UN Carney Taskforce for Scaling Voluntary Carbon Markets (TSVCM) where he served as Member of the Board of Advisors. He was a member of the Mexico – United States Entrepreneurship & Innovation Council (MUSEIC), created through the High-Level Economic Dialogue between the presidents of the United States and Mexico. He served as the U.S. Co-chair of the MUSEIC Energy & Sustainability Subcommittee. Pérez Henríquez is also on the International Advisory Board of Public Administration & Policy: An Asia-Pacific Journal. From 2002 to 2015, he directed UC Berkeley’s Center for Environmental Public Policy which he had founded, and was a faculty member of the Goldman School of Public Policy. He has served as an

ex-officio member of the Goldman School advisory board (2002 -2012), and as a Quarterly Chair of the Commonwealth Club of California, the nation's oldest and largest public affairs forum.

Pérez Henríquez holds a Masters and a Ph.D. in Public Policy from UC Berkeley, a law degree from the National Autonomous University of Mexico (UNAM), a diploma in Public Policy from the Autonomous Technological Institute of Mexico (ITAM), and a certificate in Compared Environmental US – EU Law & Policy from Indiana University, Leiden & Rotterdam Universities.

ACADEMIC APPOINTMENTS

- Senior Research Scholar, Bill Lane Center for the American West
- Precourt Energy Scholar, Precourt Institute for Energy

Teaching

COURSES

2024-25

- Energy, Clean Innovation & Sustainability: PUBLPOL 153 (Spr)

2023-24

- Energy, Clean Innovation & Sustainability: PUBLPOL 153 (Win)

Publications

PUBLICATIONS

- **Compound and cascading climate risks in urban infrastructure governance and resilience across North America** *Compound and cascading climate risks in urban infrastructure governance and resilience across North America*
  Lucatello, S., Perez Henriquez, B.
  2026; 3 (201): 1-19

- **Environmental Public Policy** *Oxford Research Encylopedia of Environmental Science*
  Pérez Henríquez, B. L.
  Oxford University Press.2025

- **Key Theoretical, Policy, and Implementation Experience Considerations for the Mexican ETS: Toward an Equitable and Cost-Effective Compliance Phase** *Towards an Emissions Trading System in Mexico: Rationale, Design and Connections with the Global Climate Agenda*
  Pérez Henríquez, B. L.
  Springer.2022: 3-31

- **Sensors for Sustainable Smart Cities: A Review** *APPLIED SCIENCES-BASEL*
  Ramirez-Moreno, M. A., Keshtkar, S., Padilla-Reyes, D. A., Ramos-Lopez, E., Garcia-Martinez, M., Hernandez-Luna, M. C., Mogro, A. E., Mahlknecht, J., Huertas, J., Peimbert-Garcia, R. E., Ramirez-Mendoza, R. A., Mangini, A. M., Roccotelli, et al
  2021; 11 (17)

- **Conscious Mobility for Urban Spaces: Case Studies Review and Indicator Framework Design** *APPLIED SCIENCES-BASEL*
  Vargas-Maldonado, R. C., Lozoya-Reyes, J. G., Ramirez-Moreno, M. A., Lozoya-Santos, J. J., Ramirez-Mendoza, R. A., Perez-Henriquez, B. L., Velasquez-Mendez, A., Jimenez Vargas, J., Narezo-Balzaretti, J.
  2023; 13 (1)

- **The Importance of Robust Datasets to Assess Urban Accessibility: A Comparable Study in the Distrito Tec, Monterrey, Mexico, and the Stanford District, San Francisco Bay Area, USA** *APPLIED SCIENCES-BASEL*
  Lizette Rodriguez-Hernandez, K., Narezo-Balzaretti, J., Luisa Gaxiola-Beltran, A., Adolfo Ramirez-Moreno, M., Perez-Henriquez, B., Ambrocio Ramirez-Mendoza, R., Krajzewicz, D., De-Jesus Lozoya-Santos, J.
  2022; 12 (23)

- **EEG-Based Tool for Prediction of University Students' Cognitive Performance in the Classroom.** *Brain sciences*

Ramirez-Moreno, M. A., Diaz-Padilla, M., Valenzuela-Gomez, K. D., Vargas-Martinez, A., Tudon-Martinez, J. C., Morales-Menendez, R., Ramirez-Mendoza, R. A., Perez-Henriquez, B. L., Lozoya-Santos, J. d.

2021; 11 (6)

- **Assessing Urban Accessibility in Monterrey, Mexico: A Transferable Approach to Evaluate Access to Main Destinations at the Metropolitan and Local Levels** *Applied Sciences*

  Gaxiola Beltrán, A. L., Narezo-Balzaretti, J., Ramírez-Mendoza, M. A., Pérez Henríquez, B. L., Ramírez-Mendoza, R. A., Krajzewicz, D., Lozoya-Santos , J. d.

  2021; 16 (Advances on Smart Cities and Buildings)

- **Energy sources for sustainable transportation and urban development** *Transportation, Land Use, and Environmental Planning*

  Pérez Henríquez, B. L.

  Elsevier.2020: 281-298

- **California Innovations @ the Water Energy Nexus (WEN)** *Routledge Handbook of the Resource Nexus*

  Pérez Henríquez, B. L.

  Routledge.2017: 468-485

- **High-Speeed Rail and Sustainability - Decision-making and the Political Economy of Investment** *Routledge Explorations inn Environmental Studies*

  edited by Pérez Henríquez, B. L., Deakin, E.

  earthscan from Routledge978.2017

- **Carbon Governance, Climate Change and Business Transformation** *Routledge advances in climate change*

  Pérez Henríquez, B. L., Okereke, C.

  edited by Bumpus , A., Tansey, J.

  Routledge.2015; 978-0-415-81690-8

- **The problem of climate change: Challenges and opportunities in carbon governance** *Carbon Governance, Climate Change and Business Transformation*

  Pérez Henríquez, . L.

  Routledge.2014: 27-54

- **Environmental Commodities Markets and Emissions Trading Towards a Low-Carbon Future**

  Pérez Henríquez, B. L.

  RFF Press - Routledge .2013

- **Sustainable Sillicon Valley: A Model Regional Partnership** *Enhancing the Effectiveness of Sustainability Partnerships: Summary of Workshop*

  Pérez Henríquez, B. L.

  The National Academies Press.2009

- **Information technology: The unsung hero of market-based environmental policies** *Resources*

  Pérez Henríquez, B.

  2004; 152 (Fall/Winter): 9-12