Xavier Basurto

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Professor of Environmental Social Sciences
Doerr School of Sustainability, Stanford University

What I do at Stanford (previously at Duke)?

As of Nov 2026

EDUCATION

- Ph.D. in Management (with a minor in Cultural Anthropology). School of Public Administration and Policy. 2007. The University of Arizona. *Dissertation Committee:* Edella Schlager, (chair), Elinor Ostrom, Charles Ragin, Stephen Lansing, and Diane Austin.
- Masters in Public Administration. School of Public Administration and Policy. 2004. The University of Arizona.
- Masters of Science. School of Natural Resources. 2001. The University of Arizona
- B.S. in Biochemical Engineering and Marine Resources Management 1996. Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM) Campus Guaymas, Mexico.

ACADEMIC APPOINTMENTS

2026 - Present Senior Fellow, Woods Institute of the Environment, Stanford University (by courtesy)
2025 - Present Professor, Oceans Department, Stanford University (by courtesy)
2025 - Present Professor of Environmental Social Sciences, Doerr School of Sustainability, Stanford University
2023 - 2024 Truman and Nellie Semans/Alex Brown & Sons Professor of Sustainability Science. Nicholas School of the Environment, Duke University.
2022 - 2023 Truman and Nellie Semans/Alex Brown & Sons Associate Professor of Sustainability Science. Nicholas School of the Environment, Duke University.
2016 – 2022 Associate Professor of Sustainability Science. Nicholas School of the Environment, Duke University.
2009 - 2016 Assistant Professor of Sustainability Science. Nicholas School of the Environment, Duke University.
2008 - 2009 Visiting Research Associate at the Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis. Indiana University. *www.indiana.edu/~workshop/ Post-doc advisor:* E. Ostrom

SELECTED ACADEMIC AWARDS, DISTINCTIONS AND HONORS (Other)

2026 Stanford Impact Lab Design Fellow.
2026 Keyonte address: China Commons Workshop. China Institute for Rural Studies (CIRS). Tisingua Beijing University. November 28, 2026. (kindly declined due to teaching responsibilities).
2026 Keynote address: 4ta Jornada sobre Gobernanza Pesquea y Espacios Costeros. Chile.
2025 Lead. Small-Scale Fisheries Nature Collection
2024 Keynote address: International Workshop on Cooperative Management and Sustainable Fisheries. China.
2023 Distinguished Mexican National Award. Honor bestowed by the Mexican Government to 'Nationals that have developed a distinguished international career, serving as a role model, inspiration, pride, and prestige to people in their home country.'
2022 Bass Chair for Excellence in Research and Undergraduate Education. Duke University.

SELECTED INVITED PROFESSIONAL ROLES

2026-Present Center for Just Environmental Futures, Stanford University. Advisory Council Member.
2025-Present Rainforest Trust, Council Member
2013-Present Editorial Board, Conservation and Society
2009-Present Editorial Board, Ecology and Society
2009-2015 Board of Directors, Resilience Alliance
1999-2019 Co-Founder and former board member Comunidad y Biodiversidad

SELECTED PEER REVIEWED PUBLICATIONS (google scholar)

Basurto, X. Book Foreword. 2026. In *Fishing and Oil Industries in Coexistence the Socio Ecological System of the Southwestern Gulf of Mexico.* Eds. A. Espinoza-Tenorio, D. E. Ramos-Muñoz, E. Núñez-Lara. Springer. https://doi.org/10.1007/978-3-032-02621-7

Cronin, M.E. *et al*… Basurto, X. 2026. Conflict with industrial fleets undermines the contributions of small-scale fisheries to sustainable development in vulnerable regions. *Nature Foods*. https://doi.org/10.1038/s43016-026-01431-z

Gladstone, F. Agrawal, A. and Basurto, X. 2026. The Multistranded Emergence of Commoning in Postrevolutionary Mexican Fishing Communities. *Journal of Rural Studies*. https://doi.org/10.1016/j.jrurstud.2026.104055

Basurto, X., Nicolas L. Gutierrez, et al. 2025. Illuminating the Multi-dimensional Contributions of Small-Scale Fisheries. *Nature. https://www.nature.com/articles/s41586-024-08448-z*

Basurto, X., Fikret Berkes and Nicole Franz. 2025. *Co-management: sharing power and responsibility*. In: Berkes, F. and N. Franz (eds). Community-based Resource Management and Small-scale Fisheries. FAO. Rome. https://openknowledge.fao.org/items/abb962a0-f18a-44c2-acf7-486457323510

Basurto, X. 2025. *A Brief Conservationists Guide to Self-Governance with Illustrations from Small-Scale Fisheries.* Chapter 10. In: Ed. Crowder, L. Navigating our Way to Solutions in Marine Conservation. Open Book Publishers UK: https://www.openbookpublishers.com/books/10.11647/obp.0395/chapters/10.11647/obp.0395.10

Frawley, T. H. *et al*…Basurto X. 2024. Self-Governance Mediante Small-Scale Fishery Operations, Vulnerability and Adaptive Response. *Global Environmental Change.* 84.102805. https://doi.org/10.1016/j.gloenvcha.2024.102805

Anne C. Pisor, Xavier Basurto, et al. 2022. Effective Climate-change Adaptation Means Supporting Community Autonomy. *Nature Climate Change*. **12**(3): 213-215. https://doi.org/10.1038/s41558-022-01303-x

Basurto, X. Esther Blanco, Mateja Nenadovic, and Björn Vollan. 2016. Integrating Simultaneous Pro-social and Anti-social Behavior into Theories of Collective-Action. *Science Advances.* 2, e1501220. 10.1126/sciadv.1501220

Leslie, H., Basurto, X., et al. 2015. Operationalizing the Social-ecological Systems Framework to Assess Sustainability. *Proceedings of the National Academy of Sciences (PNAS). 112(19): 5979-5984,* doi/10.1073/pnas.1414640112

Basurto, X. 2013. Linking Multi-Level Governance to Local Common-Pool Resource Theory Using Fuzzy Set Qualitative Comparative Analysis: Insights from Twenty Years of Biodiversity Conservation in Costa Rica. *Global Environmental Change*. 23(3):573-587. 10.1016/j.gloenvcha.2013.02.011

Basurto, X. Stefan Gelcich and Elinor Ostrom 2013. The Social-Ecological System Framework as a Knowledge Classificatory System for Benthic Small-Scale Fisheries. *Global Environmental Change.* 23(6):1366-1380. 10.1016/j.gloenvcha.2013.08.001

SUPERVISION

	Completed	In progress/upcoming
Post-doctoral mentoring	7	2
Doctoral dissertation as chair	10	6
Doctoral dissertation (committee)	19	8

Master's level supervision	30	1
Undergraduate level supervision	14	1
Short-term project supervision	26	0
Research/Lab technicians	23	0
International visiting scholars	12	1