

Scott Elliot Lowe

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Employment

- 2011- Boise State University
Associate Professor of Economics, College of Business and Economics
Director: Environmental Studies Programs (2012-present)
Coordinator: Sustainability Minor (2012-present)
- 2006-2011 Boise State University
Assistant Professor of Economics, College of Business and Economics
Faculty Affiliate: Environmental Studies Program

Education

University of California, Santa Barbara
Ph.D. in Environmental Science and Management, June 2006
MESM in Environmental Science and Management, June 2001
Dissertation: “*Three Essays on Environmental Regulation and Spatial Modeling*”

Oregon State University
MS in Economics, June 1997

University of California, Santa Barbara
BA in Economics and Environmental Studies, December 1992

Research and Grants

Refereed Publications

“Online Texts and Conventional Texts: Estimating, Comparing and Reducing the Greenhouse Gas Footprint of Two Tools of the Trade” *Decision Sciences Journal of Innovative Education* (with Tom Gattiker and Regis Terpend) 2012, v10(4) pp:589-613

“Climate Variability and Water Infrastructure: Historical Experience in the Western United States” (with Zeynep Hansen and Gary D. Libecap), in National Bureau of Economic Research: *The Economics of Climate Change: Adaptations Past and Present*, Gary Libecap and Richard Steckel, eds. 2011, University of Chicago Press, Chicago and London.

“City-Level Effects of the 1990 Clean Air Act Amendments” (with Maximilian Auffhammer and Antonio Bento), *Land Economics*. 87(1): 1-18. 2011

“Impact of Air Quality Regulations on Entrepreneurial Activity” (with Samia Islam), *Southern Journal of Entrepreneurship*. 2:71-95. 2009

“Housing Market Effects of Inclusionary Zoning” (with Antonio Bento, Gerrit-Jan Knaap and Arnab Chakraborty), *Cityscape*. 11(2): 7-26. 2009

“Measuring the Effects of Environmental Regulations: The critical importance of a spatially disaggregated analysis” (with Maximilian Auffhammer and Antonio Bento). *Journal of Environmental Economics and Management* 58:15-26. 2009

“The Economic Value of the Greater Yellowstone’s Blue-Ribbon Fishery” (with Joe Kerkvliet and Cliff Nowell). *North American Journal of Fisheries Management*. 22 (2): 418-424. 2002

Monographs, Reports, Book Chapters, and Other Publications

“Can E-Textbooks Help Save the Planet? It Depends on You” (with Tom Gattiker and Regis Terpend). *The Chronicle of Higher Education Online Learning Supplement*. October 1st, 2012.

“Housing Market Effects of Inclusionary Zoning” (with Antonio Bento, Gerrit-Jan Knaap and Arnab Chakraborty) in *The Affordable Housing Reader*, Elizabeth Mueller and Rosie Tighe, eds., Routledge Inc., August 2012

“Study focuses on ecosystem’s impact on business health” (with Michail Fragkias) in *Idaho Business Insider*, July 25th, 2012

“Business has a big stake in Boise keeping its air clean” in *Idaho Business Insider*, June 6th, 2012

“Economic Effects of Inclusionary Zoning” (with Antonio Bento and Gerrit Knaap), in *Housing Affordability Research and Resources: An Analysis of Inclusionary Zoning and Alternatives*, National Association of Home Builders. February 2008

“Housing Market Impacts of Inclusionary Zoning Programs” (with Antonio Bento and Gerrit Knaap), *National Center for Smart Growth Research and Education*. January 2008

“Forming Coalitions for Cleaner Air” (with Antonio Bento and Maximilian Auffhammer). *Giannini Foundation of Agricultural Economics Update* 8(5): 5-7. 2005

“The Economic Value of a Predator: Yellowstone Trout” (with Joe Kerkvliet and Cliff Nowell). *Proceedings of the Third Biennial Conference on the Greater Yellowstone Ecosystem*. 143-150. 1995

Research Under Review

“Permit Allocations in a Market-based Trading System: Evidence from the RECLAIM Program” (with Antonio Bento and Emeric Henry) (January 2013)

“Water Rights Laws and Agricultural Output: A Case Study of Irrigated Agriculture in Idaho” *in* (with Wenchao Xu) (November 2012)

“Value-Oriented Crop Choices under Natural and Institutional Risks of Water Shortage in Irrigated Land” (with Wenchao Xu, Kelly Cobourn, and Sian Mooney) (August 2012)

“The Impacts of National Ambient Air Quality Standards on the Improvements in Federal Ozone Concentrations” (with David Herberich) (January 2012)

Working Papers / In Progress

“The Adoption Behavior of Electronic Textbook Users: Price Sensitivity, Technological and Environmental Preferences” (with Tom Gattiker and Regis Terpend) (January 2013)

“The Political Economy of Major Water Infrastructure Investments in the Western United States” (with Zeynep Hansen and Gary D. Libecap) (January 2012)

“The Impact of Major Water Infrastructure on Agricultural Productivity in Idaho: An Historical Analysis” (with Zeynep Hansen and Wenchao Xu) (November 2012)

“The Impact of Tenure Status on Grading Outcomes” (with Zeynep Hansen) (March 2012)

“Evaluating the Effects of Water Supply Signals on Agricultural Land Use Under the Prior Appropriation Doctrine in Idaho” (with Wenchao Xu) (November 2012)

“Implementing Design Thinking Tools in an Undergraduate Business Curriculum: Group Dynamics and Learning Outcomes” (with Zeynep Hansen) (March 2012)

“A Theoretical Analysis of Water Use Under the Prior Appropriation Doctrine” (with Wenchao Xu and Sheng Zhang) (November 2012)

“Urban Form and Water Governance: The Impact of Water Rights on the Ways in Which Cities Grow” (with Michail Fragikas, Samia Islam, and Wenchao Xu) (November 2012)

“Entrepreneurial Activity in a Changing Climate” (with Michail Fragikas and Samia Islam) (August 2012)

Grants Awarded:

Bureau of Land Management / Idaho 2012 NLCS Partnerships: Bruneau River Capacity Analysis, (2012) \$19,428

Boise State University College of Business and Economics/OSP Grants (2006-2012) total: \$74,837

United States Geological Survey (USGS) through the Idaho Water Resources Research Institute (IWRRI) FY2012 104B Program, (2012) \$15,000

National Science Foundation / Idaho EPSCoR REU, (2008-2013) total: \$32,000

National Science Foundation / Idaho EPSCoR RII, (2008-2013) total: \$15M

National Homebuilders Association (with Antonio Bento and Gerrit Knapp); Grant topic: “The Effects of Inclusionary Zoning Policies on Housing Supply and Affordability in California”, (2006) \$98,000

University of California Transportation Center Doctoral Dissertation Grant; Grant topic: “Valuing the Benefits of Reductions in Cancer Risk from Mobile-Source Air Toxics: A Regression Discontinuity Approach”, (2005-2006) \$8,000

University of California Toxic Substances Research and Teaching Program Research Grant; Grant topic: “Delegation of Power, Lobby Formation and the Implementation of the 1990 Clean Air Act Amendments”, (2003-2005) \$40,000

Selected Professional Papers, Presentations and Panel Discussions (2003-2013)

Pacific Northwest Climate Science Conference (2010, 2012), International Water Resource Economic Consortium (2012), American Association for the Advancement of Science (2012), Cleometrics Conference (2012), American Economic Association (2012), AERE (2011), National Bureau of Economic Research (2010, 2009, 2008), North American Water Resources Association (2009), Idaho Public Health Association (2008), Occasional Environmental Economics Conference (2008, 2005, 2003), 3rd World Congress (2007), National Academy of Science (2007), Camp Resources (2005, 2004), UCTSR&TP (2005, 2004), Western Economic Association International (2003)

Referee Work:

Journal of Environmental Economics and Management, American Journal of Agricultural Economics, Journal of Policy Analysis and Management, Contemporary Economic Policy, Water Management, Perspectives on Economics Education Review, Energy and Resource Economics