

SCOTT ELLIOT LOWE

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Employment History

Assistant Professor of Economics (July 2006 to present)
Department of Economics, College of Business and Economics
Boise State University

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*”
Advisor: Professor Antonio Miguel Bento

Oregon State University
MS in Economics, June 1997

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

Research

Articles in Refereed Journals

1. “Impact of Air Quality Regulations on Entrepreneurial Activity” (with Samia Islam), *Southern Journal of Entrepreneurship*. 2:71-95. 2009
2. “Housing Market Effects of Inclusionary Zoning” (with Antonio Bento, Gerrit-Jan Knaap and Arnab Chakraborty), *Cityscape*. 11(2): 7-26. 2009
3. “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
4. “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, and Extension Publications

5. "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
6. "Housing Market Impacts of Inclusionary Zoning Programs" (with Antonio Bento and Gerrit Knaap), *National Center for Smart Growth Research and Education*. January 2008
7. "Forming Coalitions for Cleaner Air" (with Antonio Bento and Maximilian Auffhammer). *Giannini Foundation of Agricultural Economics Update* 8(5): 5-7. 2005
8. "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 and Working Papers

9. "The Effects of the 1990 Clean Air Act Amendments" (with Maximilian Auffhammer and Antonio Bento), *revise and resubmit Land Economics* (April 2009)
10. "The Political Economy of Environmental Regulation: Evidence from the RECLAIM Program" (with Antonio Bento and Emeric Henry), (November 2008)
11. "Climate Variability and Water Infrastructure: Historical Experience in the Western United States" (with Zeynep Hansen and Gary D. Libecap), (August 2009)
12. "The Impacts of National Ambient Air Quality Standards on the Improvements in Federal Ozone Concentrations" (with Antonio Bento and David Herberich) (November 2008)
13. "Entrepreneurial Activity in a Changing Climate" (with Samia Islam) (March 2009)
14. "Autonomous Wireless Sensor Network Infrastructure for Air Quality and Education" (with Sin Ming Loo and Sondra Miller) (June 2008)
15. "The Air Quality Impacts of Demographic Change in the Treasure Valley: A 30 Year Projection" (June 2008)
16. "The Carbon Footprint of Electronic Textbooks" (with Tom Gattiker and Regis Terpend) (September 2009)
17. "Electronic Textbooks and Student Learning Outcomes" (September 2009)

Contracts and Grants

1. National Science Foundation / Idaho EPSCoR RII: Water Resources in a Changing Climate: Integration of Hydrology and Economic Modeling in the Snake River Plain ~\$243,225 (2011-2014)
2. National Science Foundation / Idaho EPSCoR RII: Undergraduate Research Support (2009) \$6,000
3. Boise State University College of Business and Economics Research Grant (2009) \$6,000
4. Boise State University Faculty Office of Research Administration Research Grant (2007-2008) \$4,051

5. Boise State University Faculty Research Associates Program (2007-2008) \$2,786
6. National Homebuilders Association (with Antonio Bento and Gerrit Knapp) (2006-2007); Grant topic: "The Effects of Inclusionary Zoning Policies on Housing Supply and Affordability in California", \$98,000
7. University of California Transportation Center Doctoral Dissertation Grant (2005-2006); Grant topic: "Valuing the Benefits of Reductions in Cancer Risk from Mobile-Source Air Toxics: A Regression Discontinuity Approach", \$8,000
8. University of California Toxic Substances Research and Teaching Program Research Grant (2003-2005); Grant topic: "Delegation of Power, Lobby Formation and the Implementation of the 1990 Clean Air Act Amendments", \$40,000

Presentations

2001-2009

University of Idaho Water Resources Seminar, Boise, ID [2009]
 American Water Resources Association Meetings, Seattle, WA [2009]
 American Economic History Association, Phoenix, AZ [2009]
 Boise State University Business Symposium, Boise, ID [2008, 2009]
 National Bureau of Economic Research, Boston, MA [2008, 2009]
 Idaho Public Health Association, Boise, ID [2008]
 Boise State University, Focus the Nation, Boise, ID [2008]
 Boise State University Economics Seminar, Boise, ID [2006, 2007, 2008]
 Boise Supply Executive Forum [2008]
 Environmental Sensing Symposium, Panel Discussion, Boise, ID [2007]
 American Association for the Advancement of Science, Boise, ID [2007]
 San Jose State University [2006]
 University of California, Berkeley [2005]
 Occasional Conference on Environmental Economics, UC Santa Barbara, CA [2003, 2005]
 Camp Resources, Wilmington, NC [2004, 2005]
 University of California TSR&TP [2004, 2005]
 Western Economic Association International, Denver, CO [2003]
 Greening California Conference, Santa Barbara, CA [2001, 2003]

Teaching Experience

Instructor: Economics 303: Intermediate Microeconomics (F06, S07[2], Su07, S08, F08, S08[2], S09[2], Su09)
 Instructor: Principles of Microeconomics 202: (F09)
 Instructor: Economics 333: Environmental and Natural Resource Economics (F06, F07, F08, F09)
 Instructor: Economics 498 & 498G: Seminar: The Economics of Global Climate Change (S08)

Work Experience

2001-2006	University of California, Santa Barbara, Research Assistant
1998-1999	Talarian Corporation, Senior Sales Consultant
1995-1998	Rogue Wave Software, Inc., OEM/VAR Sales Manager
1993-1995	Oregon State University, Research Assistant
1991-1992	Santa Barbara County Association of Governments, Planning Technician Intern

Professional Activities

Referee for: *Resource and Energy Economics*; *Perspectives on Economic Education Research*; *Journal of Environmental Economics and Management*; *Water Management*

Service

Boise State University, Research Task Force (2009)
Boise State University, Core Reform Task Force (2008-2009)
Boise State University, Faculty Senate Committee Member: Diversity Committee (2006-2009)
Boise State University, Junior Faculty Search Committee Member (2006-2007); (2008-2009)
Boise State University, College of Business and Economics: Diversity Committee (2006-2008)
Boise State University, Department of Economics, Economics Club Advisor (2006-2008)
Boise State University, MBA Task Force (interim representative) (2008)
Boise State University, Focus the Nation 2008: Carbon Footprint Coordinator (2007-2008)
Boise Symposium on Environmental Sensing: Session Chair (2007)

Professional Membership

American Economics Association
Association of Environmental and Resource Economics
Western Economics Association International