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PhD, University of California, Santa Barbara, 2007

FIELDS

Environmental and Resource Economics • Energy Economics • Urban Economics

CURRENT RESEARCH INTERESTS

Impacts of renewable energy policies; links between energy and environmental policy and transportation markets; property rights and natural resource use

SELECTED PUBLICATIONS

- Costs and consequences of wind turbine wake effects arising from uncoordinated wind energy development,” (with Julie Lundquist, K.K. DuVivier, and Jessica Tomaszewski) *Nature Energy*, Forthcoming.
- “When Should Drivers be Encouraged to Carpool in HOV Lanes?” (with Jonathan Hughes) *Economic Inquiry*, Forthcoming.
- “Emissions reductions or green booms? The general equilibrium effects of a Renewable Portfolio Standard,” (with Antonio Bento and Teevrat Garg) *Journal of Environmental Economics and Management*, 90:78-100, 2018.
- “The Fall of Coal: Joint impacts of fuel prices and renewables on generation and emissions,” (with Harrison Fell) *American Economic Journal: Economic Policy*, 10(2): 90-116, 2018.
- “Natural Resource Federalism: Preferences versus connectivity for patchy resources,” (with Christopher Costello) *Environmental and Resource Economics*, 71(1):99-126, 2018.
- “Energy efficiency and intensity standards,” (with Harrison Fell and Daniel Steinberg) *Journal of the Association of Environmental and Resource Economists*, 4(S1): S201–S226, 2017.
- “When is Increasing Consumption of Common Property Second Best? Sorting, Congestion and Entry in the Commons,” (with Jonathan Hughes) *Journal of Environmental Economics and Management*, 81: 227-242, 2017.
- “Community-based tradable permits for localized pollution,” (with Peifang Yang) *Environmental and Resource Economics*, 65(4):773-788, 2016.
- “The Effects of Regulation in the Presence of Multiple Unpriced Externalities: Evidence from the Transportation Sector,” (with Antonio Bento, Kevin Roth, and Matt Zaragoza-Watkins) *American Economic Journal: Economic Policy*, 6(3): 1-29, 2014.
- “Can decentralized planning really achieve first-best in the presence of environmental spillovers?” (with Harrison Fell) *Journal of Environmental Economics and Management*, 68(1): 46-53, 2014.
- “Scrap prices, waste and recycling policy,” *Land Economics*, 90(1):169-180, 2014.
- “Carpooling and driver responses to fuel price changes: Evidence from traffic flows in Los Angeles,” (with Antonio Bento and Jonathan Hughes) *Journal of Urban Economics*, 77(1):41-56, 2013.
- “Emissions savings from wind power generation in Texas,” (with Brannin McBee and Jozef Lieskovsky) *Energy Journal*, 34(1):155-175, 2013.
- “Greenhouse gas emissions, waste and recycling policy,” (with Kaylee Acuff) *Journal of Environmental Economics and Management*, 65(1): 74-86, 2013.
- “Effectiveness of housing revitalization subsidies in the presence of zoning,” (with Antonio Bento and Sofia Franco) *Regional Science and Urban Economics*, 41(3):196-206, 2011.
- “Is there a double-dividend from anti-sprawl policies?” (with Antonio Bento and Sofia Franco) *Journal of Environmental Economics and Management*, 61(2):135–152, 2011
- “Unitization of spatially-connected renewable resources,” (with Christopher Costello) *The B.E. Journal of Economic Analysis & Policy*:11(1):Article 15 (*Contributions*) 2011.
- “The Windy Commons?” (with Chris Worley) *Environmental and Resource Economics*, 47(2):151-172, 2010.
- “Efficiency and spatial impacts of development taxes: The critical role of alternative revenue-recycling schemes,” (with Antonio Bento and Sofia Franco) *American Journal of Agricultural Economics* 91(5):1304-1311, 2009.
- “Quality and the Commons: The Surf Gangs of California.” *Journal of Law and Economics*, 52(4):727-743, 2009.
- “Gas prices, traffic, and freeway speeds in Los Angeles,” (with Nicholas Burger) *Review of Economics and Statistics*, 91(3):652-657, 2009.
- “Natural resource use with limited-tenure property rights,” (with Christopher Costello) *Journal of Environmental Economics and Management*, 55(1):20-36, 2008.
- “The efficiency and distributional impacts of alternative anti-sprawl policies,” (with Antonio Bento and Sofia Franco) *Journal of Urban Economics*, 59(1):121-141, 2006.