

Daniel Kaffine, Professor

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

- “Disease-economy trade-offs under alternative pandemic control strategies” (with Thomas Ash, Antonio Bento, Akhil Rao, and Ana Bento) *Nature Communications*, 13(1): 1-14, 2022.
- “Emissions, transmission, and the environmental value of renewable energy,” (with Harrison Fell and Kevin Novan) *American Economic Journal: Economic Policy*, 13(2): 241-272, 2021.
- “Private monitoring and public enforcement: Evidence from complaints and regulation of oil and gas wells” (with Peter Maniloff) *Journal of Environmental Economics and Management*, 108: 102473, 2021.
- “Orbital Use Fees could quadruple the value of the space industry,” (with Akhil Rao and Matthew Burgess) *Proceedings of the National Academy of Sciences*, 117(23): 12756-12762, 2020.
- “Microclimate effects of wind farms on local crop yields,” *Journal of Environmental Economics and Management*, 96: 159-173, 2019.
- “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*, 4:26–34, 2019.
- “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.
- “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.
- “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..
- “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.
- “Greenhouse gas emissions, waste and recycling policy,” (with Kaylee Acuff) *Journal of Environmental Economics and Management*, 65(1): 74-86, 2013.
- “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
- “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.