

STEVEN BUCK

Education and Training

2011	Ph.D.	University of California, Berkeley	Agricultural & Resource Economics
2006	M.S.	Virginia Tech	Agricultural & Applied Economics
2005	M.S.	Virginia Tech	Mathematics
2003	B.S.	University of Dayton	Mathematics
2003	B.A.	University of Dayton	International Studies

Research and Professional Experience

2023-Current	Associate Professor, University of Kentucky, Dept. of Agricultural Economics
2015-2023	Assistant Professor, University of Kentucky, Dept. of Agricultural Economics
2013-2015	Postdoc. Scholar, U.C., Berkeley, Dept. of Agricultural & Resource Economics
2011-2013	Water Economist, The Brattle Group
2006-2011	Graduate Assistant, U.C., Berkeley, Dept. of Agricultural & Resource Economics
2003-2016	Graduate Assistant, Virginia Tech, Dept. Ag. & Applied Economics

Select Refereed Publications

- Buck S**, Nemati M, Sunding D. (2023). Consumer welfare consequences of the California drought conservation mandate, *Applied Economic Perspectives & Policy*, 45(1), 510-533.. doi: <https://doi.org/10.1002/aep.13213>
- Uz D, **Buck S**, Sunding D. (2022). Fixed or mixed? Farmer-level heterogeneity in response to changes in salinity, *American Journal of Agricultural Economics*, 104(4), 1343-1363. doi: <https://doi.org/10.1111/ajae.12270>
- Uz D, **Buck S**. (2020). Comparing water use forecasting model selection criteria: The case of commercial, institutional, and industrial sector in southern California, *Sustainability*, 12(10), 21. <http://dx.doi.org/10.3390/su12103995>
- Kim G, Nemati M, **Buck S**, Pates NJ, Mark TB. (2020). Recovering Forecast Distributions of Crop Composition: Method and Application to Kentucky Agriculture, *Sustainability*, 12(7), 17. doi: <https://doi.org/10.3390/su12072917>
- Buck S**, Auffhammer M, Soldati H, Sunding D. (2020). Forecasting Residential Water Consumption in California: Rethinking Model Selection, *Water Resources Research*, 56(1), 25. <https://doi.org/10.1029/2018WR023965>
- Zuo N, Schieffer JK, **Buck S**. (2019). The Effect of the Oil and Gas Boom on Schooling Decisions in the U.S., *Resource and Energy Economics*, 55, 1-23. <https://doi.org/10.1016/j.reseneeco.2018.10.002>
- Buck S**, Auffhammer M, Hamilton S, Sunding D. (2016) Measuring welfare losses from urban water supply disruptions, *Journal of the Association of Environmental and Resource Economists* 3, no. 3: 743-778. <https://www.journals.uchicago.edu/doi/10.1086/687761>
- Buck S**, Auffhammer M, Sunding D. (2014). Land markets and the value of water: Hedonic analysis using repeat sales of farmland. *American Journal of Agricultural Economics*, 96(4), pp.953-969. (Lead Article) <https://doi.org/10.1093/ajae/aau013>