

Matthew Wibbenmeyer

CONTACT INFORMATION Resources for the Future (202) 328-5188
1616 P St NW Suite 600 wibbenmeyer@rff.org
Washington, DC 20001 mwibbenmeyer.com

APPOINTMENT **Resources for the Future**, Washington, District of Columbia
Fellow, August 2018 - Present

EDUCATION **University of California, Santa Barbara**, Santa Barbara, California
Ph.D., Economics, June 2018

- Dissertation title: “Essays in the economics and politics of wildfire management”
- Committee members: Andrew Plantinga, Olivier Deschenes, Sarah Anderson

The University of Montana, Missoula, Montana
M.S., Resource Conservation, December 2010
Williams College, Williamstown, Massachusetts
B.A., Economics and Biology, June 2007

WORKING PAPERS Wear, D., M. Wibbenmeyer, and E. Joiner. The Economics of Forest Fuel Removals on Federal Lands, with Wear, D. and E. Joiner. *RFF Working Paper Series*, forthcoming.
Walls, M. and **M. Wibbenmeyer**. How Local Are the Local Economic Impacts of Wildfires? *RFF Working Paper Series*, 23-03.
Gellman, J., M. Walls, and **M. Wibbenmeyer**. Welfare Losses from Wildfire Smoke: Evidence from Administrative Recreation Data.

PUBLICATIONS Ma, L., M. Walls, **M. Wibbenmeyer**, and C. Lennon (2024) Risk Disclosure and Home Prices: Evidence from California Wildfire Hazard Zones. *Land Economics*, 100(1).
Wibbenmeyer, M., M. Sloggy, and J. Sánchez. Economic Analysis of Wildfire Impacts on Water Quality: A Review. *Journal of Forestry*, fvad012.
Anderson, S.E., A.J. Plantinga, and **M. Wibbenmeyer**. Unequal Treatments: Federal Wildfire Fuels Projects and Socioeconomic Status of Nearby Communities. *Environmental and Energy Policy and the Economy*, 4, 177-201.
Anderson, S.E., A.J. Plantinga, and **M. Wibbenmeyer**. Inequality and Government Responsiveness: Evidence from Salient Wildfire Events. *Journal of Politics*, 85(2) 625-639.
Plantinga, A.J., R. Walsh, and **M. Wibbenmeyer** (2022) Priorities and Effectiveness in Wildfire Management: Evidence from Fire Spread in the Western US. *Journal of the Association of Environmental and Resource Economists*, 9(4) 603-639.
M. Wibbenmeyer and M. Robertson (2022) The Distributional Incidence of Wildfire Hazard in the Western US. *Environmental Research Letters*, 17, 064031.
Gellman, J., M. Walls, and **M. Wibbenmeyer** (2022) Wildfire, Smoke, and Outdoor Recreation in the Western United States. *Forest Policy and Economics*, 134, 102619.

Leonard, B., A.J. Plantinga, and **M. Wibbenmeyer** (2021) Stranded Land Constrains Public Land Management and Contributes to Larger Fires. *Environmental Research Letters*, 16(11) 114014.

Wibbenmeyer, M., S.E. Anderson, and A.J. Plantinga (2019) Salience and the Government Provision of Public Goods. *Economic Inquiry*, 57(3) 1547-1567.

Anderson, S.E., M.C. Kennedy, A.J. MacDonald, M.A. Moritz, A.J. Plantinga, C. Tague, R.R. Bart, and **M. Wibbenmeyer** (2018) The Dangers of Disaster-Driven Responses to Climate Change. *Nature Climate Change*, 8(8) 651-653.

Hand, M.S., **M. Wibbenmeyer**, D.E. Calkin, and M.P. Thompson (2015) Risk Preferences, Probability Weighting, and Strategy Tradeoffs in Wildfire Management. *Risk Analysis*, 35(10) 1976-1891.

Wibbenmeyer, M., M.S. Hand, D.E. Calkin, T.J. Venn, and M.P. Thompson (2013) Risk Preferences in Strategic Wildfire Decision Making: A Choice Experiment with US Wildfire Managers. *Risk Analysis*, 33(6) 1021-1037.

Calkin, D.E., T.J. Venn, **M. Wibbenmeyer**, and M.P. Thompson (2012) Estimating Wildland Fire Managers' Preferences Toward Competing Strategic Suppression Objectives. *International Journal of Wildland Fire*, 22(2) 212-222.

WORKS IN PROGRESS

Sorting Over Wildfire Risk, with L. Ma, M. Walls, E. Joiner, and C. Lennon.

Land Use Specifications Influence Carbon Sink Estimates, with D. Wear.

Effects of Unobserved Heterogeneity in Land Use Returns in Discrete Choice Land Use Models, with D. Wear.

A Dynamic Model of Land Use and Land Use Change, with B. Leard and D. Wear.

GRANTS AND FUNDING

Effective forest management and reducing wildfire risk: The role of economic and environmental stewardship policy. Ann Bartuska (PI), Dave Wear, and Matthew Wibbenmeyer, *Stand Together Foundation*, \$200,000.

Wildfire risks in rural communities: Measuring impacts, modeling choices, evaluating policies. Matthew Wibbenmeyer (Project Director/PI), Margaret Walls (PI), and Lala Ma (PI), *USDA National Institute of Food and Agriculture (NIFA) Agriculture and Food Research Initiative (AFRI)*, \$425,000.

Wildfire, outdoor recreation, and rural communities in the western United States. Margaret Walls (Project Director/PI) and Matthew Wibbenmeyer (PI), *USDA National Institute of Food and Agriculture (NIFA) Agriculture and Food Research Initiative (AFRI)*, \$470,000, 2020-2022.

The economics of wildfire's impacts on water quality. Matthew Wibbenmeyer (co-PI), Matthew Sloggy (co-PI), and José Sanchez, USDA Forest Service Pacific Southwest Research Station, \$28,000, 2020-2021.

The role of markets in accelerating forest restoration in the western United States. Dave Wear (PI), Matthew Wibbenmeyer, and Ann Bartuska, *Environmental Defense Fund*, \$25,000, 2020-2021.

Economy-wide modeling enhancements. Dan Shawhan, Marc Hafstead, Dallas Burtraw, Ben Leard, Josh Linn and Matthew Wibbenmeyer, *Sloan Foundation*, \$1.3 million, 2020-2022.

INVITED
PRESENTATIONS

University of California, Los Angeles; University of Nevada, Reno; US Department of Agriculture (USDA) Economic Research Service; Pennsylvania State University; University of California, Berkeley; Resources for the Future; Boise State University

PRESENTATIONS

Agricultural and Applied Economics Association Annual Conference, Anaheim, California, August 2, 2022 (virtual).

Western Economic Association International Annual Conference, Portland, Oregon, June 30-July 3, 2022.

Association of Environmental and Resource Economic Summer Conference, Miami, Florida, June 2-3, 2022.

National Bureau of Economics Research, Environmental and Energy Policy and the Economy Conference, Washington, District of Columbia, May 19, 2022.

Allied Social Sciences Association Annual Meeting, virtual conference, January 8, 2022.

Council on Food, Agricultural and Resource Economics (C-FARE) webinar, November 16, 2020.

Northeastern Agricultural and Resource Economics Association Annual Meeting, virtual conference, June 15-19, 2020.

Association of Environmental and Resource Economic Summer Conference, virtual conference, June 3-5, 2020.

W4133 Annual Meeting, Athens, Georgia, February 13-14, 2020.

Association of Environmental and Resource Economic Summer Conference, Incline Village, Nevada, May 30-31, 2019.

The Workshop in Environmental Economics & Data Science, Portland, Oregon, March 29-30, 2019.

Association of Public Policy Analysis & Management Fall Research Conference, Washington, District of Columbia, November 8-10, 2018.

Heartland Environmental & Resource Economics Workshop, University of Illinois, Urbana-Champaign. Champaign, Illinois, September 30-October 1, 2017.

University of Colorado Environmental & Resource Economics Workshop. Vail, Colorado, September, 15-16, 2017.

Association of Environmental and Resource Economic Summer Conference, Breckenridge, Colorado, June 9-11, 2016.

2014 Searle Workshop: The Politics and Economics of Wildfire Policy, University of California, Santa Barbara. Santa Barbara, California, October 28, 2014. (Discussant)

International Union of Forest Research Organization (IUFRO) World Congress. Seoul, South Korea, August 23-28, 2010.

OTHER
PUBLICATIONS

D. Wear and M. Wibbenmeyer. Prospects for Land Sector Carbon Dioxide Removal in the United States, Resources for the Future Report, forthcoming.

E. Joiner, L. Ma, M. Walls, M. Wibbenmeyer, and C. Lennon. Disclosing Wildfire Risks in Home Sales. *Common Resources*, forthcoming.

H. Druckenmiller and M. Wibbenmeyer. Presenting RFF Data Commons: A Way to Tell Accessible Stories with Data, *Common Resources*, May 10, 2023.

M. Walls and M. Wibbenmeyer. How Do Wildfires Affect Local Economies? *Common Resources*, March 16, 2023.

Y. Liao, M. Walls, M. Wibbenmeyer, and S. Pesek. Insurance Availability and Affordability under Increasing Wildfire Risk in California, Resources for the Future Issue Brief 22-09, November 30, 2022.

A. Bartuska and M. Wibbenmeyer. Managed Fires Can Help Mitigate the Risks Posed by Increasing Frequency of Wildfires. *Common Resources*, April 4, 2022.

M. Wibbenmeyer. Trends and Solutions in Wildfire Management. *Resources Magazine*, October 21, 2021.

K. Cleary, M. Hafstead, A. Krupnick, J. Linn, W. Look, K. Palmer, D. Raimi, K. Rennert, N. Roy, and M. Wibbenmeyer. Under Construction: The Build Back Better Act. *Resources Magazine*, September 16, 2021.

M. Walls and M. Wibbenmeyer. Wildfire Smoke May Upend Outdoor Recreation in the West. *The Hill*, September 9, 2021.

M. Wibbenmeyer and L. Dunlap. Wildfires in the United States 102: Policy and Solutions. *Resources for the Future Explainer Series*, August 18, 2021.

M. Wibbenmeyer and A. McDarris. Wildfires in the United States 101: Context and Consequences. *Resources for the Future Explainer Series*, July 30, 2021.

M. Wibbenmeyer. Managing Wildfires. *Milken Institute Review*, April 26, 2021.

M. Wibbenmeyer. Evidence from Wildfire Events in the Western United States Reveals Inequalities in Wildfire Management. *Common Resources*, December 16, 2020.

M. Wibbenmeyer. New Federal Policies are Needed to Address Surging Wildfire Smoke. *Common Resources*, October 30, 2020.

A. Bartuska, D.N. Wear, and M. Wibbenmeyer. Thoughtful Forest Management and Better Building Practices Can Help Mitigate the Impact of Wildfires. *Common Resources*, October 14, 2020.

D. Raimi and M. Wibbenmeyer. California's Wildfires: Climate Change, COVID, and Consequences, with Matthew Wibbenmeyer. *Resources Radio*, September 1, 2020.

M. Wibbenmeyer and K. Nadeau. Conversations on Climate Challenges: Wildfire Policy and Public Health. *Common Resources*, July 9, 2020.

A. Bartuska, D. Burtraw, K. Cleary, M. Hafstead, A. Krupnick, J. Linn, K. Palmer, B. Prest, D. Raimi, D. Shawhan, and M. Wibbenmeyer. A Close Look at the New Report from the House Select Committee on the Climate Crisis. *Common Resources*, July 6, 2020.

M. Wibbenmeyer. PG&E Power Outages Reduce Just a Portion of Wildfire Risk. *Common Resources*, October 11, 2019.

M. Wibbenmeyer. Building Best Practices for Managing Wildfire Smoke. *Resources Magazine*, October 9, 2019.

M. Walls, M. Wibbenmeyer, and C. Kousky. Does the Coastal Barrier Resources Act Provide a Policy Template to Address Wildfire Risk? *Common Resources*, March 20, 2019.

M. Wibbenmeyer. Contributing Factors, Responsibility, and Liability in California's Wildfire Disasters. *Resources Magazine*, March 15, 2019.

D. Raimi and M. Wibbenmeyer. Wildfires, with Matthew Wibbenmeyer. *Resources Radio*, December 4, 2018.

A. Bartuska and M. Wibbenmeyer. Forest Magement Is Only One Risk Factor in the California Wildfires. *Axios*, November 15, 2018.

M. Wibbenmeyer and M. Zwirn. Can Fleeting Public Interest in Wildfire Risk Drive Long-Term Change? *Common Resources*, September 13, 2018.

PRESS

Institute of Physics. Wealthiest homeowners most at risk of wildfire hazard. *Phys.org*, May 26, 2022.

Hannay, J. Wildfire homeowners most at risk of wildfire hazard. *Science Daily*, May 26, 2022.

Barnes, A. The priciest homes faces highest risk wildfire, study finds. *The Hill*, May 26, 2022.

Melley, B. Wildfires, Smoke Snuff Out Outdoor Adventures Across US. *Associated Press*, Sept. 5, 2021.

Flavelle, C. Wealthier, Whiter Areas Are More Likely to Get Help After Fires, Data Show. *New York Times*, Dec. 16, 2020.

AWARDS & FELLOWSHIPS

2017 Earth Research Institute Graduate Student Summer Fellowship, awarded by Earth Research Institute, University of California, Santa Barbara.

2016 Paul A. Sabatier Best Conference Paper Award, awarded by the Science, Technology, & Environmental Politics section of the American Political Science Association for "Salience and the government provision of public goods."

2016 Earth Research Institute Graduate Student Summer Fellowship, awarded by Earth Research Institute, University of California, Santa Barbara.

2014-2015 Jennifer Jo Williamson Fellowship, awarded by the Department of Economics, University of California, Santa Barbara.

TEACHING EXPERIENCE

Teaching Assistant, University of California, Santa Barbara

Economics 10A: Intermediate Microeconomics Autumn 2014, Spring 2017

Economics 140A: Introduction to Econometrics I Winter 2015 -Spring 2015, Autumn 2015, Autumn 2016

Economics 140B: Introduction to Econometrics II Winter 2016 - Spring 2016

Statistics and Applied Probability 109: Statistics for Economics Spring 2014

Economics 1: Principles of Microeconomics Autumn 2013 - Winter 2014

Statistics and Applied Probability 5E: Statistics with Economics and Business Applications Spring 2013

Economics 1: Principles of Microeconomics Autumn 2012 - Winter 2013

Adjunct Instructor, University of Montana

Forestry 436: Forest Operations Evaluation and Project Planning Autumn 2011

Forestry 320: Forest and Environmental Economics Spring 2011

Adjunct Instructor, Washington Institute, Duvall, Washington

Technical Fire Management: Financial Forest Administration January 2012

Teaching Assistant, Washington Institute, Duvall, Washington

Technical Fire Management: Financial Forest Administration February 2011

OTHER
RESEARCH
EXPERIENCE

Research Assistant January 2011 to May 2012
Rocky Mountain Research Station, U.S. Forest Service, Missoula, Montana

Research Assistant January 2009 to December 2010
College of Forestry and Conservation, University of Montana