BRIAN C. PREST

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RESEARCH AREAS

Environmental Economics · Climate · Energy Economics · Applied Econometrics

POSITIONS

2024-	Fellow, Indefinite Appointment (tenure equivalent), RFF
2024-	Adjunct Professor, Georgetown University
2021–	Director, Social Cost of Carbon Initiative, RFF
2020-2023	Fellow, RFF
2018–2020	Postdoctoral Fellow, Resources for the Future (RFF)
2011–2013	Senior Analyst, NERA Economic Consulting
2009–2011	Analyst, Congressional Budget Office (CBO)
2006 & 2007	Intern, The Brookings Institution

EDUCATION

2013–2018 Duke University

Ph.D., Environmental & Resource Economics · *2018*

M.A., Economics · *2014*

2005–2009 Williams College

B.A., Economics · 2009

PEER-REVIEWED PUBLICATIONS

Incorporating air quality health impacts into the social cost of carbon

Air quality & the social cost of carbon

Scoping priorities for incorporating air quality into SCC estimates

Cora Kingdon, Kevin R. Cromar, Susan C. Anenberg, Gaige Hunter Kerr, **Brian C. Prest**, Kristine Rabii and David *Nature Climate Change* (2026).

The energy transition for oil-and gas-producing tribal nations: assessing options for energy development with the Southern Ute Indian Tribe

Energy transitions

Modeling the oil, gas, and renewable energy development on the Southern Ute Indian Reservation. Preprint available at RFF.

Daniel Raimi, **Brian C. Prest**, and Alexandra Thompson. *Environmental Research: Energy* (2026).

Circular A-4: Practical Advances in Discounting for Policy Decisions

Discounting in benefit-cost analysis

Overviewing recent updates to federal guidance on discounting and risk in benefit-cost analysis.

William A. Pizer and **Brian C. Prest**. *Review of Environmental Economics and Policy* 19, no 2 (2025).

Assessing the future of oil and gas production and local government revenue in five western US basins

Oil and gas transitions

Assessing the fiscal exposure of state and local governments to declines in oil prices and production. Preprint available at RFF.

Brian C. Prest, Daniel Raimi, Zachary Whitlock. *The Energy Journal* (2024), 46(1), 45-65.

Equity weighting increases the social cost of carbon

Equity weighting and the social cost of carbon

Evaluating the consequences for the social cost of carbon of recently updated federal guidance for addressing distributional concerns in benefit-cost analysis.

Brian C. Prest, Lisa Rennels, Frank Errickson, and David Anthoff. *Science* Policy Forum. 385, no. 6710 (2024): 715-717.

Estimating the Emissions Reductions from Supply-side Fossil Fuel Interventions

Supply-side climate policies

Estimating how much emissions reductions can be achieved from reducing fossil fuel supply, accounting for leakage and differential emissions intensities.

Brian C. Prest, Harrison Fell, Deborah Gordon, TJ Conway. *Energy Economics.* Vol. 136, (2024).

The Shadow Price of Capital: Accounting for Capital Displacement in Benefit–Cost Analysis

Discounting in benefit-cost analysis

Explaining why common approaches to discounting in benefit-cost based on investment rates of return are biased, and how to properly account for capital displacement concerns.

Richard G. Newell, William A. Pizer, **Brian C. Prest**. *Environmental and Energy Policy and the Economy*. Vol. 5, (2024).

US benefit-cost analysis requires revision

Benefit-cost analysis

Peter H. Howard , Max Sarinsky, Michael Bauer, Caroline Cecot, Maureen Cropper, Moritz Drupp, Mark Freeman, Kenneth T. Gillingham, Christian Gollier, Ben Groom, Qingran Li, Michael Livermore, Richard Newell, William A. Pizer, **Brian Prest**, Glenn Rudebusch, Thomas Sterner, and Gernot Wagner. *Science* Letter, 380, 803, (2023).

Climate Royalty Surcharges

Optimal federal royalty policy

Combining both theoretical and empirical models of oil and gas production to estimate welfare-maximizing and revenue-maximizing federal royalty policies, accounting for leakage.

Brian C. Prest, James Stock. *Journal of Environmental Economics and Management*, 120, (July 2023), 102844. Available at RFF.

RCTs Against the Machine: Can Machine Learning Prediction Methods Recover Experimental Treatment Effects?

Machine learning & causal inference

Evaluating the effectiveness of machine learning counterfactual prediction methods for causal

inference, with an application to electricity demand.

Brian C. Prest, Casey Wichman, Karen Palmer. *Journal of the Association of Environmental and Resource Economists*. 10, no. 5 (September 2023), 1231-1264. Available at RFF.

Comprehensive Evidence Implies a Higher Social Cost of CO_2

Social cost of carbon

RFF's comprehensive update of the social cost of carbon, in a manner fully responsive to recommendations from the National Academies of Sciences, Engineering, and Medicine. See here for results and data visualization.

Kevin Rennert, Frank Errickson, **Brian C. Prest**, Lisa Rennels, Richard G. Newell, William Pizer, Cora Kingdon, Jordan Wingenroth, Roger Cooke, Bryan Parthum, David Smith, Kevin Cromar, Delavane Diaz, Frances C. Moore, Ulrich K. Müller, Richard J. Plevin, Adrian E. Raftery, Hana Ševčíková, Hannah Sheets, James H. Stock, Tammy Tan, Mark Watson, Tony E. Wong, David Anthoff. *Nature*, 610, 687–692 (2022). https://doi.org/10.1038/s41586-022-05224-9.

A Discounting Rule for the Social Cost of Carbon

Social cost of carbon & discounting

Estimating an empirically-driven discounting rule for the Social Cost of Carbon in an integrated assessment framework with stochastic economic growth and discount rates.

Richard G., Newell, William A. Pizer, **Brian C. Prest**. *Journal of the Association of Environmental and Resource Economists*, 9, no. 5 (September 2022): 1017-1046. Working paper available at RFF.

Supply side reforms to oil and gas production on federal lands: Modeling the implications for CO_2 emissions, revenues, and production shifts

Oil & gas drilling on federal lands

Modeling the emissions and revenues impacts of reforming policies on oil and gas development on US federal lands, in context of the threat of production leakage to state and private lands.

Brian C. Prest. *Journal of the Association of Environmental and Resource Economists.*, 9, no. 4 (July 2022): 681-720. Preprint version available at RFF.

The Social Cost of Carbon: Advances in Long-Term Probabilistic Projections of Population, GDP, Emissions, and Discount Rates

Social cost of carbon

Improving the science underlying the social cost of carbon.

Kevin Rennert, **Brian C. Prest**, William A. Pizer, Richard G. Newell, David Anthoff, Cora Kingdon, Lisa Rennels, Roger Cooke, Adrian E. Raftery, Hana Ševčíková, Frank Errickson. *Brookings Papers on Economic Activity.* 2021, no. 2 (Fall 2021): 223-305.

The GDP-Temperature Relationship: Implications for Climate Change Damages

Economic impacts of temperature

Estimating the economic impacts of temperature, and the implication for damages of climate change–in context of model uncertainty by using cross-validation techniques.

Richard G. Newell, **Brian C. Prest**, Steven Sexton. *Journal of Environmental Economics and Management*, 108, (July 2021), 102445. Working paper available at RFF.

How Clean is "Refined Coal"? An Empirical Assessment of a Billion-Dollar Tax Credit

Coal subsidies & air quality

Assessing the effectiveness of, and legal compliance with, coal tax credits.

Brian C. Prest, Alan Krupnick. *Energy Economics*, 97, (May 2021), 105023. Working paper available at RFF.

Prices versus Quantities with Policy Updating

Environmental policy design

Dynamic modeling of the economics of inter-temporal environmental policy when policies are updated over time.

William A. Pizer, **Brian C. Prest**. *Journal of the Association of Environmental and Resource Economists.*, 7, no. 3 (May 2020): 483-518. Working version available at NBER.

Peaking Interest: How awareness drives the effectiveness of time-of-use electricity pricing

Machine learning & electricity demand

Using machine learning to determine the key factors driving consumer responses to time-of-use electricity pricing.

Brian C. Prest. *Journal of the Association of Environmental and Resource Economists*, 7, no. 1 (January 2020): 103-143. Working version available here.

The Unconventional Oil Supply Boom: Aggregate Price Response from Microdata

Economics of shale/tight oil

Econometrically estimating the effects of the shale revolution on the price elasticity of U.S. oil supply.

Richard G. Newell, **Brian C. Prest**. *The Energy Journal*, 40, no. 3 (May 2019). Working version available here.

Trophy Hunting vs. Manufacturing Energy: The Price-Responsiveness of Shale Gas

Economics of shale gas

Econometric analysis of the effects of advanced drilling technology (hydraulic fracturing and horizontal drilling) on the price elasticity of U.S. natural gas supply.

Richard G. Newell, Ashley Vissing, **Brian C. Prest**. *Journal of the Association of Environmental and Resource Economists*, 6, no. 2 (March 2019): 391-431.

Explanations for the 2014 Oil Price Decline: Supply or Demand?

Oil markets and price formation

Time series econometrics analyzing the relative contributions of supply and demand factors to the decline in global oil prices in 2014.

Brian C. Prest. *Energy Economics*, 74 (August 2018): 63-75.

WORK IN PROGRESS

Where Does the Marginal Methane Molecule Come From? Implications of LNG Exports for US Natural Gas Supply and Methane Emissions.

LNG exports, gas prices, and methane emissions

Modeling the impacts of US oil and gas exports for US energy prices and methane emissions. Available at RFF.

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Accounting for Biodiversity Loss Raises the Social Cost of CO_2

Biodiversity loss and social cost of carbon

Incorporating non-use biodiversity impacts into the social cost of carbon. Available at RFF.

Jordan Wingenroth, **Brian C. Prest**, Lisa Rennels, Kevin Rennert, Frank Errickson, and David Anthoff

Disentangling the Roles of Growth Uncertainty, Discounting, and the Climate Beta on the Social Cost of Carbon

Risk, uncertainty, and the social cost of carbon

Explaining the effects of uncertainty, risk, and the climate beta on the SCC. Available at RFF.

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OTHER RESEARCH

Virginia's Upcoming Re-entry into the Regional Greenhouse Gas Initiative Can Reduce Household Electricity Bills

Brian C. Prest and Dallas Burtraw. RFF *Common Resources* blog and Interactive Affordability Data Tool.

How Much Would Expanding Federal Oil and Gas Leasing Increase Global Carbon Emissions?

Brian C. Prest. RFF Issue Brief.

Global Energy Outlook 2024: Peaks or Plateaus?

Daniel Raimi, Yuqi Zhu, Richard Newell, **Brian C. Prest**. RFF Report.

Operational versus Capital Expenditure Risk in a Clean Energy Transition

Brian C. Prest and Jordan Wingenroth, RFF Report.

The Economic Benefits of Achieving the Paris Agreement Goals

Jordan Wingenroth, **Brian C. Prest**, Kevin Rennert. RFF Issue Brief.

Will Nations Meet the Paris Agreement's Emissions and Temperature Goals?

Jordan Wingenroth, **Brian C. Prest**, Kevin Rennert. RFF Issue Brief.

Global Energy Outlook 2023: Sowing the Seeds of an Energy Transition

Daniel Raimi, Yuqi Zhu, Richard Newell, **Brian C. Prest**, Aaron Bergman. RFF Report.

The Shadow Price of Capital: Accounting for Capital Displacement in Benefit–Cost Analysis

Richard G. Newell, William Pizer, **Brian C. Prest**,. RFF Issue Brief.

Options for EIA to Publish CO_2 Emissions Rates for Electricity

Karen Palmer, **Brian C. Prest**, Seth Villanueva, Stuart Iler. RFF Report.

Partners, Not Rivals: The Power of Parallel Supply-Side and Demand-Side Climate Policy

Brian C. Prest, RFF Report

Global Energy Outlook 2022: Turning Points and Tension in the Energy Transition

Daniel Raimi, Erin Campbell, Richard Newell, **Brian C. Prest**, Seth Villanueva, Jordan Wingenroth, RFF Report.

Methane Fees' Effects on Natural Gas Prices and Methane Leakage

Brian C. Prest, RFF Issue Brief.

The Global Energy Outlook 2021: Pathways from Paris

Richard Newell, Daniel Raimi, Seth Villanueva, **Brian C. Prest**, RFF Report

Waiting for Clarity: How a Price on Carbon Can Inspire Investment

Brian C. Prest, Dallas Burtraw, Karen Palmer, RFF Report.

The Global Energy Outlook 2020: Energy Transition or Energy Addition?

Richard Newell, Daniel Raimi, Seth Villanueva, **Brian C. Prest**, RFF Report.

IPBES Global Assessment of Biodiversity and Ecosystem Services

Contributing author, IPBES Global Assessment.

Informing SPR Policy Through Oil Futures and Inventory Dynamics

Richard G. Newell, **Brian C. Prest**, NBER Working Paper.

How the Shale Boom Has Transformed the US Oil and Gas Industry

Richard Newell, **Brian C. Prest**, RFF Issue Brief.

The Effects of Renewable or Clean Electricity Standards

Terry Dinan, **Brian C. Prest**, CBO Report.

Immigration Policy in the United States: An Update

Paige Piper-Bach, **Brian C. Prest**, CBO Chartbook.

MATERIALS FOR BROADER AUDIENCES

2026 · Daniel Raimi, Alan Krupnick, and Brian C. Prest, Energy and the Iran War: What We're Watching, RFF *Common Resources* blog

2025 · Brian Prest, If/Then: New Cuts to Oil and Gas Royalty Rates in Budget Reconciliation Will Reduce Federal Revenues, RFF *Common Resources* blog

2025 · Brian Prest and Kevin Rennert, When Put to the Test, Higher Social Cost of Carbon Stands Firm, RFF *Common Resources* blog

2024 · Brian Prest, Feedbacks between Emissions Markets and Political Outcomes: A Case Study of Washington State's Cap-and-Trade Program, RFF *Common Resources* blog

2024 · Brian Prest, Accurately Quantifying "Super-Emitting" Leaks Is Key for the Methane Fee to Be Effective, RFF *Common Resources* blog

2022 · Kevin Rennert and Brian Prest, The US Environmental Protection Agency Introduces a New Social Cost of Carbon for Public Comment, RFF *Common Resources* blog

2022 · Maureen Cropper, Richard Newell, Brian Prest, and Kevin Rennert. The Damage from Carbon Is More Costly Than We Thought, *Barron's*, Commentary

2022 · Brian Prest and Kevin Rennert, A New Social Cost of Carbon, with Brian C. Prest and Kevin Rennert, RFF *Resources Radio*

2022 · Brian C. Prest, Inflation Reduction Act Can Achieve Emissions Reductions Even with Oil and Gas Provisions, RFF *Common Resources* blog

2022 · Brian Prest, Partners, Not Rivals: Supply- and Demand-Side Policies Pursued in Parallel Can Mitigate or Eliminate Leakage, RFF *Common Resources* blog

2021 · Brian Prest, William Pizer, and Richard G. Newell, Improving Discounting in the Social Cost of Carbon, RFF *Resources Magazine* article

2021 · Kevin Rennert, Brian C. Prest, William A. Pizer, Richard G. Newell, David Anthoff, Cora Kingdon, Lisa Rennels, Roger Cooke, Adrian Raftery, Hana Ševčíková, Frank Errickson, and Jordan Wingenroth Working Toward a New Social Cost of Carbon, RFF *Resources Magazine* article

2021 · Karen Palmer and Brian C. Prest, Can We Use Machine Learning to Predict Energy Savings?, RFF *Common Resources* blog

2021 · Brian C. Prest, Federal Climate Policy Toolkit: Oil and Gas, Federal Policy Toolkit Series and *Resources Magazine* article

2021 · Brian C. Prest, Federal Climate Policy 108: The Oil and Gas Industry, RFF Explainer Series

2020 · Brian C. Prest, Policy Options for Oil and Gas Leasing Reform on Federal Lands and Waters, RFF *Common Resources* blog and *Resources Magazine* article

2020 · Brian C. Prest, Examining the Effects of a Federal Leasing Ban: Drilling into an Industry Study, RFF *Common Resources* blog

2020 · Brian C. Prest, The Economic and Emissions Consequences of Supply-Side Reforms to Oil and Gas Production on Federal Lands, RFF *Common Resources* blog

2020 · Ann Bartuska, Dallas Burtraw, Kathryne Cleary, Marc Hafstead, Alan Krupnick, Joshua Linn, Karen Palmer, Brian C. Prest, Daniel Raimi, Daniel Shawhan, and Matthew Wibbenmeyer, A Close Look at the New Report from the House Select Committee on the Climate Crisis, RFF *Common Resources* blog

2020 · Brian C. Prest and Alan Krupnick, "Refined Coal" is Still No Bargain, RFF *Common Resources* blog

2020 · Brian C. Prest, Discounting 101, RFF Explainer Series

2019 · Brian C. Prest, How Clean is "Refined Coal"?, RFF *Resources Magazine* article

2019 · Brian C. Prest, Refined Coal: The Billion-Dollar Subsidy You've Never Heard Of, with Brian Prest, RFF *Resources Radio*

2018 · Richard G. Newell, Brian C. Prest, and Steven Sexton GHG vs. GDP: Separating Signal from Noise, RFF *Common Resources* blog

2019 · Brian C. Prest, A Strategic Electricity Generating Reserve: A Solution in Search of a Problem, RFF *Common Resources* blog and *Resources Magazine* article

AWARDS & HONORS

2021 · Honorable Mention for 2020 AERE Best JAERE Paper Award

2018-20 · Postdoctoral Fellowship, Alfred P. Sloan Foundation/Resources for the Future.

2017-8 · Joseph L. Fisher Doctoral Dissertation Fellowship, Resources for the Future.

2017 · Student Paper Award, United States Association for Energy Economics (USAEE)

2016 · The Economics of Energy Markets Grant (with Richard Newell), National Bureau of Economic Research (NBER), Department of Energy, and National Science Foundation (NSF).

2016 · Duke University Summer Research Fellowship, Stuart Irwin Harris Fellowship.

2016-8 · Energy Doctoral Student Fellow, Duke University Energy Initiative.

2015 · Pathfinder Fellow, Data Expedition Grant, Information Initiative at Duke (*iiD*).

2014 · *Duke Environmental Economics Doctoral Scholars Fellowship* (DEEDS), Nicholas Institute for Environmental Policy Solutions.

2011 · *CBO Director's Award*, the agency's highest honor, granted annually to a select few individuals for exceptional achievement.

2009 · *Highest Honors* for a senior thesis in Economics, Williams College.

2009 · *Jack Larned 1942 International Management Prize*, for best undergraduate paper "dealing with the management of development in governments and private or public enterprises in African, Asian, or Latin American countries".

2008 · *Class of 1960 Scholar*, Economics, Williams College.

2007 · *Mead Internship Program*, policy internship sponsorship, Williams College.

INVITED PRESENTATIONS & TESTIMONY

2026 · Korea Environment Institute, Connecticut Department of Energy and Environmental Protection, Georgia Tech Southeastern Workshop on Energy & Environmental Economics & Policy (SWEEEP), Harvard University Center for the Environment Workshop

2025 · AERE Summer Conference, George Washington School of Law, University of Maryland AREC.

2024 · AEA Annual Conference, Environmental Defense Fund, Society for Benefit-Cost Analysis Workshop on the Social Cost of Greenhouse Gases, Louisiana State University, Jefferies, San Francisco Federal Reserve Virtual Seminar on Climate Economics, AERE Summer Conference, Louisiana State University Energy Fundamentals Summer Course, University of Texas at Austin

2023 · AEA Annual Conference, The Brookings Institution (x2), Carbon Tax Study Group, NBER, AERE Summer Conference, American Association for the Advancement of Science.

2022 · Cornell University, Saint Albans School, Duke University, Jefferies, Google X, Harvard Kennedy School, Integrated Assessment Modeling Consortium Annual Meeting.

2021 · United States Congress House Committee on Natural Resources, Department of the Interior, EPA NCEE, AERE Summer Conference, Brookings Institution, Duke University, Georgetown University, AERE "Preparing for Success on the Job Market" Workshop.

2020 · AEA Annual Conference, National Council for Science and the Environment, AERE Virtual Summer Conference, Duke University).

2019 · Environmental Protection Agency (Clean Air Markets Division), Congressional Budget Office, AERE Summer Conference (Lake Tahoe, NV), Southern Economic Association (Fort Lauderdale, FL)

2018 · London School of Economics, Virginia Tech, University of Georgia, Environmental Protection Agency (NCEE), Resources for the Future, Federal Reserve Bank of Dallas

2017 · United States Association of Energy Economics (USAEE) Conference (Houston, TX), Colorado University Environmental and Resource Economics Workshop (Vail, CO), Camp Resources XXIV Conference (Wrightsville Beach, NC), AERE Summer Conference (Pittsburgh, PA), AEA Annual Conference (Chicago, IL)

2016 · Camp Resources XXIII Conference (Wrightsville Beach, NC), AERE Summer Conference (Breckenridge, CO), NBER Environmental and Energy Economics Conference (Cambridge, MA), Rice University (Houston, TX)

REFEREE SERVICE

The Review of Economic Studies, *Science*, *Nature*, *American Economic Journal: Economic Policy (AEJ:EP)*, *American Economic Journal: Insights*, *Journal of Economic Literature (JEL)*, *Nature Climate Change*, *Nature Communications*, *Journal of the Association of Environmental and Resource Economists (JAERE)*, *Review of Environmental Economics and Policy (REEP)*, *Environmental and Resource Economics (EARE)*, *Journal of Environmental Economics and Management (JEEM)*, *The Energy Journal*, *Energy Economics*, *Energy Policy*, *Journal of Benefit-Cost Analysis*, *Economic Inquiry*, *Climate Policy*, *Journal of Environmental Economics and Policy*, *Resource and Energy Economics*, *Quantitative Economics*, *Value in Health*.

IN THE NEWS

USA Today, Dian Zhang and Andrea Riquier, May 6, 2026 "US rushes to fill global oil supply gap as exports reach record high"

CNBC, Garrett Downs, March 13, 2026, "Trump can't 'drill, baby, drill' his way out of this Iran-inspired oil crisis: Experts"

E&E News, Ian M. Stevenson, February 3, 2026, "Oil and gas revenue to fall after royalty cut, analysis says"

Associated Press, Morgan Lee, December 17, 2025 "States brace for Trump's push to make oil drilling cheap again"

Inside Climate News, Keerti Gopal, November 21, 2025 "Trump's Plans to Expand Offshore Drilling Meet Bipartisan Opposition"

Vital City NYC, Charles Komanoff, November 19, 2025 "A Pipeline to Somewhere: The governor's critics need to step back and see the larger picture."

Reuters, Simon Jessop and Sebastian Rocandio, November 18, 2025 "Ukraine plans $44 billion claim against Russia for wartime emissions"

E&E News, Ian M. Stevenson, September 16, 2025, "BLM nets $38M in Montana, North Dakota oil and gas lease sales"

E&E News, Ian M. Stevenson, September 8, 2025, "New Mexico officials fear oil royalty budget crunch"

New York Times, Lisa Friedman, July 30, 2025, "Candidate Trump Promised Oil Executives a Windfall. Now, They're Getting It."

E&E News, Ian M. Stevenson, July 16, 2025, "What the megalaw's royalty rate cuts mean for oil and gas producers"

E&E News, Jean Chemnick, June 23, 2025, "EPA leaves social cost of carbon on the cutting-room floor"

The Washington Post, Evan Halper, June 18, 2025, "Senate GOP seeks to reward oil drillers amid deep cuts to wind and solar"

USEA Power Sector Podcast, Herman K. Trabish, May 8, 2025, "USEA Power Sector Podcast Episode 137: Resources for the Future Fellow & Director of its Social Cost of Carbon Initiative Brian Prest"

New York Times, Lydia DePillis, April 29, 2025, "How Trump May Unintentionally Cut Carbon Emissions"

E&E News, Mike Soraghan, April 14, 2025, "Trump's push for more LNG exports risks domestic price surge"

Bloomberg, Stephen Lee, January 22, 2025, "Trump Aims to End Carbon Metric That Puts Price on Climate Harms"

E&E News, Garret Downs, January 22, 2025, "Republicans need big offsets for tax cuts. Drilling may not deliver"

Politico, Zack Colman & Ben Lefebvre, January 17, 2025, "'Drill, baby, drill will not work': GOP budget plans meet reality"

E&E News, Heather Richards, September 19, 2024, "Would Harris kill the green dream of banning drilling on public lands?"

E&E News, Heather Richards, September 11, 2024, "Return to Trump-era oil leasing would spike emissions — report"

Axis, Nick Sobczyk, September 9, 2024, "Westerman's NEPA bill and other permitting notes"

Marketplace, American Public Media, Elizabeth Trovall and Amy Scott, March 18, 2024, "New fees and new tech may curb methane emissions"

The Hill, Rachel Frazin, March 3, 2024, "Would limiting US fossil fuel production actually help climate change?"

E&E News, Jean Chemnick, January 11, 2024, "4 things to know about EPA's new climate damage metric"

The Hill, Rachel Frazin, December 5, 2023, "EPA lays groundwork for stronger climate rules"

Energy Evolution podcast, S&P Global, November 10, 2023, "Fighting climate change with carbon offsets and fossil fuel retirement credits"

Axios, Ben Geman, October 17, 2023, "Number of the day: $6.8 trillion per year"

E&E News, Jean Chemnick, July 17, 2023, "EPA's carbon metric may underestimate climate damage — at least for now"

The Washington Post, March 16, 2023, "The real debate over the Willow oil project, explained"

The Economist, February 9, 2023, "Joe Biden is not quitting fossil fuels"

The Washington Post, Maxine Joselow, February 9, 2023 "The GOP's failed Obamacare repeal effort holds lessons for the climate law"

E&E News, Niina H. Farah and Lesley Clark, November 21, 2022, "EPA floats sharply increased social cost of carbon"

Bloomberg Law, Dean Scott, Jennifer Hijazi, and Stephen Lee, November 10, 2022, "Biden Climate Rules Move Ahead Amid Wait for Final Carbon Metric"

Time Magazine, Steven Yoder, October 20, 2022, "It's Crucial for the U.S. to Figure Out How Much Carbon Emissions Are Costing All of Us"

E&E News, Adam Aton, October 20, 2022, "Biden's use of oil reserves overshadows past presidents"

Reuters, Gloria Dickie and Simon Jessop, September 1, 2022, "U.S. is seriously underestimating the consequences of CO_2 - study"

Associated Press, Matthew Brown and Michael Phillis, August 18, 2022, "Climate bill's unlikely beneficiary: US oil and gas industry"

Marketplace, American Public Media, Andy Uhler and Kai Ryssdal, August 15, 2022, "Apartments are going up, but rent isn't going down yet"

E&E News, Heather Richards, August 9, 2022, "Climate bill backs oil leasing: How much of a CO_2 problem?"

EnergyIntel, Emily Meredith, August 5, 2022, "US Set to Enact Narrow GHG Fee"

Climate Home News, Joseph Lo, July 29, 2022, "US set to fine oil and gas companies for methane leaks"

U.S. Department of the Treasury, Benjamin Harris and Catherine Wolfram, July 26, 2022, "The Price Impact of the Strategic Petroleum Reserve Release"

Washington Post Editorial Board, July 13, 2022, "Opinion: Biden's offshore drilling plan won't make or break his climate agenda"

E&E News, Jean Chemnick, May 26, 2022, "How pausing the social cost of carbon affected regulation"

Associated Press, Matthew Brown, April 22, 2022, "EXPLAINER: Can climate change be solved by pricing carbon?"

CarbonBrief, Josh Gabbatiss, April 21, 2022, "'One quarter' of US emissions since 2005 come from fossil fuels on public lands"

Quartz, Nate DiCamillo, April 1, 2022, "Where does the US stash its strategic oil reserves?"

Quartz, Nate DiCamillo, February 25, 2022, "How Russia's Ukraine invasion will affect US gas prices"

E&E News, Jean Chemnick, February 10, 2022, "Here comes the social cost of carbon. Will it address EJ?"

E&E News, Benjamin Storrow, December 2, 2021, "Biden backtracked on drilling ban. What it means for CO_2"

S&P Global Market Intelligence (SNL), Meghan Gordon and Brandon Evans, November 29, 2021, "US Interior leasing reforms to have minor production impact despite higher costs"

The Washington Post, Sarah Kaplan, November 27, 2021, "Oil and gas companies should pay more to drill on public lands and waters, Interior Department says"

Quartz, Nate DiCamillo, November 25, 2021, "Will an extra 50 million barrels of crude lower US gasoline prices?"

The Wall Street Journal, Katy Stech Ferek and Siobhan Hughes, November 15, 2021, "Rising Natural-Gas Prices Pose Hurdle for Methane Tax"

Bloomberg, Liam Denning, October 5, 2021, "Why Biden's Methane Fee Isn't a Gas Tax"

The Washington Examiner, Josh Siegel, September 9, 2021, "Methane fee could cut leaks at low cost...study"

E&E News, Jean Chemnick, September 8, 2021, "Methane rule to eclipse past regulations, including Obama's"

E&E News, Heather Richards, August 17, 2021, "3 things are clear about Biden's latest move on oil leasing"

E&E News, Heather Richards, August 2, 2021, "What to expect from Interior's oil report"

Wired, Eric Niiler, July 29, 2021, "How Much Will It Cost to Prevent Deaths by Climate-Driven Heat?"

Politico, Lorraine Woellert, April 21, 2021, "What's the cost of carbon? There's no consensus"

E&E News, Heather Richards, April 7, 2021, "Nada Culver shakes up BLM, oil and climate policy"

E&E News, Miranda Wilson, March 24, 2021, "Carbon tax could ease Biden's oil troubles — report"

Gizmodo Earther, Molly Taft, March 18, 2021, "The Myth of 'Clean Coal' Might Finally Die"

Associated Press, Mead Gruver and Matthew Brown, March 11, 2021, "As climate fight shifts to oil, Biden faces a formidable foe"

LA Times, *Boiling Point*, Sammy Roth, January 28, 2021, "Oil and gas companies say they support climate action. Are they serious?"

Colorado Public Radio, Sam Brasch and Miguel Otárola, January 27, 2021, "What Biden's Pause On Oil And Gas Leases On Federal Lands Means For Colorado"

S&P Global Market Intelligence (SNL), Ellier Potter and Mark Passwaters, January 27, 2021, "Biden pauses new oil, gas leases on federal lands pending Interior review"

S&P Global Market Intelligence (SNL), Taylor Kuykendall, January 13, 2021, "Audit of US coal tax credit set to expire in 2021 underway by federal watchdog"

LA Times, Sammy Roth, December 17, 2020, Paper cited in "Boiling Point: Obama wouldn't keep fossil fuels in the ground. But Biden says he will"

S&P Global Market Intelligence (SNL), Bill Holland, September 17, 2020, "Carbon charge on federal leases could balance CO_2 cuts, revenue needs – study"

Yale Climate Connections podcast, September 2, 2020, "A costly subsidy for 'refined coal' is failing to achieve air pollution goals, researcher finds"

E&E News, Dylan Brown, Dylan Brown, March 2, 2020, "Report: 'Clean coal' credit fails emissions, cost tests"

S&P Global Market Intelligence (SNL), Taylor Kuykendall, March 2, 2020, "Study says US refined coal tax credit boosts CO_2 emissions by propping up plants"

Forbes, Ken Silverstein, January 6, 2020, "The Giving Season May Be Over — But Not For Coal And Fossil Fuels"

E&E News, Dylan Brown, December 27, 2019, "Dems demand audit of 'clean coal' tax credit"

S&P Global Market Intelligence (SNL), Taylor Kuykendall, December 24, 2019, "US senators call for probe into tax credit for refined coal"

Reuters, Tim McLaughlin, December 23, 2019, "U.S. senators ask for government investigation of coal tax credit program"

E&E News, Dylan Brown, June 11, 2019, "Dems attack tax credit that may not cut pollution"

S&P Global Market Intelligence (SNL), Taylor Kuykendall, June 10, 2019, "3 Senate Democrats call on IRS to review refined coal credit program"

New York Times, U.S. News and World Report, Reuters, Tim McLaughlin, June 10, 2019, "U.S. Senators Target $1 Billion a Year Coal Subsidy, Ask IRS for Test Results"

Utility Dive, Gavin Bade, August 22, 2018, "EPA's new ACE rule is a coal lifeline 'disguised as a GHG regulation,' critics say"

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TEACHING

Adjunct Professor, Economics of Climate Change, Georgetown University, 2024-2025
Instructor, Calculus Review, Duke Nicholas School Master of Environmental Management
Teaching Assistant for Billy Pizer, Climate Change Economics and Policy
Teaching Assistant for Matthew Harding, Applied Big Data Science
Teaching Assistant for Steven Sexton, Energy Economics and Policy
Teaching Assistant for Steven Sexton, Resource and Environmental Economics

SKILLS

Subjects

Econometrics† · Economic Modeling · Energy Economics† · Environmental Policy† · Machine Learning† · Scuba Instructor (PADI)†

Programming

Advanced: R† · Matlab · Stata · LaTeX
Familiar: Python · VBA

†Teaching Experience