

**Charles F. Mason**  
Curriculum Vitae – July 6, 2025

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## FIELDS OF INTEREST

Research: Resource and Environmental Economics, Industrial Organization, Game Theory, Economics of Uncertainty and Information

Teaching: Game Theory, Dynamic Optimization, Oil & Gas Economics, Resource and Environmental Economics, Industrial Organization, Econometrics

## EDUCATION

6/83            Ph.D., University of California, Berkeley; Dissertation: "Regulation and Information in the U.S. Uranium Industry"  
9/77-6/79      Flood Fellowship, Univ. of California, Berkeley  
6/77            Double A.B. in Economics and Mathematics with honor, University of California, Berkeley

## PROFESSIONAL AFFILIATIONS AND ACTIVITIES

Editor-in-Chief	<i>Economics of Energy &amp; Environmental Policy</i> (2021-)
Co-Editor	<i>Economic Inquiry</i> (2015-2022)
Associate Editor	<i>European Economic Review</i> (2012-23)
Joint Editor-in-Chief	<i>Strategic Behavior and the Environment</i> (2012-)
Editor, special issue	<i>Journal of Economic Behavior and Organization</i> (2015-2016)
Co-Editor	<i>Journal of the Association of Environmental and Resource Economists</i> (2014-2016)
Joint Interim Managing Editor:	<i>Journal of the Association of Environmental and Resource Economists</i> (2013)
Editor, special issue	<i>Resource and Energy Economics</i> (2013; issue appeared Jan. 2014)
Managing Editor:	(2006-2011)
Co-Editor:	<i>Journal of Environmental Economics and Management</i> (2001-2006)
Associate Editor:	<i>Journal of Environmental Economics and Management</i> (1999-2000)
Associate Editor:	<i>Social Science Journal</i> (1988-1992)
Editorial Board:	<i>Challenges in Sustainability</i> (2012-)
	<i>Journal of Environmental Economics and Management</i> (1992-1993; 2011-)

## TEACHING AND RESEARCH EXPERIENCE

8/07-            H. A. "Dave" True Chair in Petroleum & Natural Gas Economics, University of Wyoming

8/17-7/21	Associate Dean (Research), College of Business, University of Wyoming
7/17-8/17,	
5/18-8/18	Acting Dean, College of Business, University of Wyoming
1/14-12/15	Visiting Professor, London School of Economics, Grantham Institute
1/14-	Visiting Academic, University of Southern Denmark
12/13-	University Fellow, Resources for the Future
12/13	Visiting Researcher, Center for Economic Studies, Faculty of Economics of Ludwig-Maximilians-Universität Munich
6/13	Visiting Scholar, Toulouse School of Economics
3/13-5/13	Visiting Scholar, Fondazione Eni Enrico Mattei –Venice
1/13-2/13	Visiting Academic, Energy and Environmental Economics, Bren School of the Environment, University of California-Santa Barbara
9/12-12/12	Visiting Academic Fellow, Mansfield College, University of Oxford
6/11-	External Research Associate, Oxford Centre for the Analysis of Resource Rich Economies, University of Oxford
9/08-11/08	Visiting Research Fellow, Smith School of Enterprise and the Environment, University of Oxford
9/08-11/08	Visiting Academic, Nuffield College, University of Oxford
1/05-	Life Fellow, Clare Hall, Cambridge University
1/05-6/05	Visiting Professor, Agricultural and Resource Economics, University of California-Davis
9/04-11/04	Visiting Fellow, Clare Hall, Cambridge University
9/99-10/00	Director of Graduate Studies, University of Wyoming
6/97-7/97	Visiting Scholar, Centre for Resource and Environmental Studies, Australian National University
1/97-5/97	Visiting Professor, Economics, University of Waikato
8/96-12/96	Visiting Professor, Graduate School of Economics, Oregon State University
5/94-7/07	Professor, Economics, University of Wyoming
11/94	Mortar Board ‘Top Prof,’ University of Wyoming
1/90-6/90	Visiting Scholar, Economics, University of Michigan
7/88-5/94	Associate Professor, Economics, University of Wyoming
8/82-6/88	Assistant Professor, Economics, University of Wyoming
1/79-6/82	Graduate Teaching Assistant, Economics, University of California, Berkeley
1/81-1/82	Economist, Cambridge Systematics Incorporated
6/78-12/78	Research Assistant, Electric Power Research Institute

### Journal Articles

Olmstead, Sheila M., Benjamin D. Leibowicz, Charles F. Mason, Andrew Waxman, Emily Grubert, H-R Huber-Rodriguez and Joseph Stemmler, “Ambiguous climate policy: A tax credit is increasing deployment of carbon capture and storage, but will it reduce emissions?”, *Proceedings of the National Academy of Sciences* 2025, *forthcoming*.

Wood, Aaron, Charles F. Mason and David Finnoff, “The Development of OPEC: An Evolutionary Game Theory and Agent-Based Modeling Approach,” *Springer Nature*

*Business & Economics*, 2025, Vol. 5, article 79.

Mason, Charles F., "Public Policy Towards Offshore Oil Projects: Confronting Potential Deepwater Oil Spills," *Journal of Environmental Management* 2024, Vol. 372, 123315.

Leach, Andrew and Charles F. Mason, "Nonrenewable Resources, Reserves and Carbon Pricing," *Annals of Economics and Statistics*, 2024, Issue 156, 141-156.

Mason, Charles F. and Neil Wilmot, "On Climate Fat Tails and Politics," *Resources Policy* 2024, v. 92, article 105006.

Mason, Charles F., "Do Small Players Undermine Cooperation in Asymmetric Games?," *Dynamic Games and Applications* 2024, v14, 133-156.

Mason, Charles F., "How Should We Think About Pricing Electricity in the Context of Potential Life-Threatening Weather Events?," *Economics of Energy and Environmental Policy* 2023, v12(2).

Gamper-Rabindran, Shanti and Charles F. Mason, "Issues in The Future of Ground Transportation," *Economics of Energy and Environmental Policy* 2023, v12(2).

Mason, Charles F. and Jeremy Weber, "New Energy Economics," *Economic Inquiry*, 2023, v. 61, 8-9.

Mason, Charles F. and Neil Wilmot, "Energy Price Jumps, Fat Tails and Climate Policy," *Environmental Modeling & Assessment*, 2022, v. 27, 993-1005.

Mason, Charles F., "Cooperation in Dynamic Games with Asymmetric Players and Equity Concerns," *Dynamic Games and Applications*, 2022, v. 12, 977-995.

Mason, Charles F., "Transboundary Externalities and Reciprocal Taxes: A Differential Game Approach," *Strategic Behavior and the Environment*, 2021, v. 9, 27-67.

Fitzgerald, Timothy and Charles F. Mason, "Understanding Productivity Effects of Hydraulic Fracturing in Unconventional Natural Gas Deposits and Implications for Adoption in the Developing World," *Environment and Development Economics*, 2021, v. 26, pp. 281 - 301.

Mason, Charles F. and Neil Wilmot, "Jumps in the Convenience Yield of Crude Oil?," *Resource and Energy Economics*, 2020, v. 60, Article 101163.

Mason, Charles F., "Regulating Offshore Oil and Gas Exploration: Insights from the Deepwater Horizon Experience in the Gulf of Mexico," *Review of Environmental Economics and Policy*, 2019 v. 13, pp. 149 - 154.

Mason, Charles F., "A Comparison of the Risk of Transporting Crude Oil: Rail vs. Pipeline," *IAEE Energy Forum* 2018, pp. 5-7.

Mason, Charles F. and Gavin Roberts, "Price Elasticity of Supply and Productivity: An Analysis of Natural Gas Wells in Wyoming," *Energy Journal*, 2018 v. 39(SI1) pp. 79-100.

Heyes, Anthony, Andrew J. Leach and Charles F. Mason, "The Economics of Oil Sands," *Review of Environmental Economics and Policy*, 2018 v. 12, pp. 242-263.

Oliver, Matt and Charles F. Mason, "Natural Gas Pipeline Regulation in the United States: Past, Present and Future" *Foundations and Trends in Microeconomics*, 2018 v. 11, pp. 227-289.

Mason, Charles F., Victoria Umanskaya and Edward Barbier, "Trade, Transboundary Pollution, and Foreign Lobbying," *Environmental and Resource Economics*, 2018 v. 70, 223-248.

Mason, Charles F., "The U.S. Market for Uranium: 70 years of History," *Foundations and Trends in Microeconomics*, 2017 v. 11, pp. 141-226.

Mason, Charles F., Stephen Polasky and Nori Tarui, "Cooperation on Climate-Change Mitigation," *European Economic Review*, 2017 v. 99, pp. 43-55.

Mason, Charles F., "Climate Change and Migration: A Dynamic Model," *CESifo Economic Studies*, 2017 v 63, pp. 421-444.

Mason, Charles F. and Remi Morin-Chasse, "An Economic Simulation of the Path to Sustainable Energy: A Dynamic Analysis," *Challenges in Sustainability*, 2017 v. 5, pp. 1-10.

Mason, Charles F. and Neil Wilmot, "Price Discontinuities in the Market for RINs," *Journal of Economic Behavior and Organization*, 2016 v. 132 (Part B), pp. 79-97.

Wood, Aaron D., Charles F. Mason, and David Finnoff, "OPEC, the Seven Sisters, and Oil Market Dominance: An Evolutionary Game Theory and Agent-Based Modeling Approach," *Journal of Economic Behavior and Organization*, 2016 v. 132 (Part B), pp. 66-78.

Sims, Charles, David Finnoff and Charles F. Mason, "Thresholds, tipping points and random events in dynamic economic systems," *Journal of Economic Behavior and Organization*, 2016 v. 132 (Part B), pp. 1-4.

Mason, Charles F., "BP Damage Assessment Under the Clean Water Act: Insights from a Team of One in the Courtroom," *AERE Newsletter*, 2016 v. 36(2), pp. 30-31.

Mason, Charles F. and Owen R. Phillips, "Imminent Entry and the Transition to Multimarket Rivalry: Messy Markets in a Laboratory Setting," *Journal of Economics & Management Strategy* 2016 v. 25, pp. 1018-1039.

Mason, Charles F., "Concentration Trends in the Gulf of Mexico Oil and Gas Industry," *Energy Journal* 2015, v36(SI1), pp. 215-236.

Mason, Charles F., Lucija A. Muehlenbachs, and Sheila M. Olmstead, "The Economics of Shale Gas Development," *Annual Review of Resource Economics* 2015, v. 7, pp. 269-289.

Mason, Charles F., Victoria Umanskaya and Edward Barbier, "On the Strategic Use of Border Tax Adjustments as a Second-Best Climate Policy Measure," *Environment and Development Economics* 2015, v. 20, pp. 539-560.

Mason, Charles F. and Neil Wilmot, "Jump Processes in Natural Gas Markets," *Energy Economics* 2014, v. 46, pp. S69-S79.

Oliver, Matthew E., Charles F. Mason and David Finnoff, "Pipeline Congestion and Natural Gas Basis Differentials: Theory and Evidence," *Journal of Regulatory Economics* 2014, v. 46 261-291.

Mason, Charles F., "The Organization of the Oil Industry, Past and Present," *Foundations and Trends in Microeconomics* 2014, v. 10, pp. 1 – 83.

Atkinson, Scott E. and Charles F. Mason, "Power Generation and Environment: Choices and Economic Trade-offs," *Resource and Energy Economics* 2014, v. 36, 1-5.

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Oliver, Matthew E., Charles F. Mason and David Finnoff, "Natural Gas Expansion and the Cost of Congestion," *Energy Forum* 2014, pp. 31-32.

Van 't Veld, Klaas, Charles F. Mason and Andrew Leach, "The Economics of CO<sub>2</sub> Sequestration Through Enhanced Oil Recovery," *Energy Procedia* 2013, v. 37, 6909-6919.

Mason, Charles F., "The Economics of Eco-Labeling," *International Review of Environmental and Resource Economics* 2013, v. 6, 341-372.

Mason, Charles F. and Andrew Plantinga, "The Additionality Problem with Offsets: Optimal Contracts for Carbon Sequestration in Forests," *Journal of Environmental Economics and Management* 2013, v. 66 1-14.

Wilmot, Neil and Charles F. Mason, "Jump Processes in the Market for Crude Oil," *The Energy Journal* 2013, v 34.

Mason, Charles F., Erwin Bulte and Richard D. Horan, "Banking on Extinction: Endangered Species and Speculation," *Oxford Review of Economics and Policy*, 2012, v. 28, 180-192.

Mason, Charles F., "On Equilibrium in Resource Markets with Scale Economies and Stochastic Prices," *Journal of Environmental Economics and Management*, 2012, v. 64, 288-300.

Cook, Benjamin R. and Charles F. Mason, "Enhanced Oil Recovery: Going Beyond Conventional Extraction," *IAEE Energy Forum*, Fall 2012, 21-23.

Leach, Andrew, Charles F. Mason and Klaas van 't Veld, "Economic Co-optimization of Enhanced Oil Recovery and Carbon Sequestration" *Resource and Energy Economics*, 2011, v. 33, 893-912.

Mason, Charles F., "Eco-Labeling and Market Equilibria with Noisy Certification Tests," *Environmental and Resource Economics*, 2011, v. 48, 537-560.

Mason, Charles F., "On Stockpiling Natural Resources," *Resource and Energy Economics*, 2011 v. 33, 398-409.

List, John and Charles F. Mason, "Are CEOs Expected Utility Maximizers?," *Journal of Econometrics* 2011 v. 162, 114-123.

Mason, Charles F., "Certification of Socially Responsible Behavior: Eco-Labels and Fair-Trade Coffee," *Journal of Food and Agricultural Industrial Organization*, December 2009, v. 7(2), available online at <http://www.bepress.com/jafio/vol7/iss2/>.

Allen, Myles R., David J. Frame and Charles F. Mason "The Case for Mandatory Sequestration," *Nature Geosciences*, 2009, December 2009, v. 2, 813-14.

Tarui, Nori, Charles F. Mason, Stephen Polasky and Greg Ellis, "Cooperation in the Commons with Unobservable Actions", *Journal of Environmental Economics and Management* January 2008 v 55(1), pp. 37-51.

Mason, Charles F., "Experimental Duopoly in the Classroom," *Journal of Industrial Organization Education* October 2006 v1(1), published on-line at <http://www.bepress.com/jioe/vol1/iss1/>

Polasky, Stephen, Nori Tarui, Greg Ellis and Charles F. Mason, "Cooperation in the Commons," *Economic Theory* 2006 v 29(1), pp. 71-88.

Mason, Charles F., "An Economic Model of Eco-Labeling," *Environmental Modelling and Assessment*, 2006 v 11(2), pp. 131-143.

Mason, Charles F. and Stephen Polasky, "What Motivates Membership in Non-Renewable Resource Cartels?: The Case of OPEC," *Resource and Energy Economics* November 2005 27(4), pp. 321-342.

Phillips, Owen R., Lawrence R. Weatherford, Charles F. Mason and Mitch Kuncze "Passenger Leaks and the Fate of Small Community Air Service," *Economic Inquiry*, October 2005 v 43(4), pp. 785-794.

Mason, Charles F., Jason Shogren, Chad Settle and John List, "Investigating Risky Choices Over Losses Using Experimental Data," *Journal of Risk and Uncertainty*, September 2005 v 31(2), pp. 187-215.

Bulte, Erwin, Charles F. Mason and Richard D. Horan, "Betting on Extinction: Endangered Species and Speculation," *Land Economics*, Nov. 2003 v 79(4), pp. 460-471.

Mason, Charles F., Aron A. Gottesman and Andrew K. Prevost, "Shareholder Intervention, Managerial Resistance, and Corporate Control: A Nash Equilibrium Approach," *Quarterly Review of Economics and Finance*, Autumn 2003 v 43(3) pp.466-482.

Mason, Charles F. and Stephen Polasky, "Strategic Preemption in a Common-Property Resource: A Continuous Time Approach," *Environmental and Resource Economics*, 2002, pp. 255-278.

Mason, Charles F. and Owen R. Phillips, "In Support of Trigger Strategies: Experimental Evidence from Two-Person Noncooperative Games," *Journal of Economics & Management Strategy*, 2002, pp. 685-716.

Mason, Charles F. and Arik Ragowsky, "How Supplier Characteristics Influence the Value of a Supplier Management ERP Application," *Information Technology & Management* 2002, pp. 161-180.

List, John and Charles F. Mason, "Optimal Institutional Arrangements for Transboundary Pollutants: Evidence from a Differential Game with Asymmetric Players," *Journal of Environmental Economics and Management*, November 2001, pp. 277-296.

Phillips, Owen R. and Charles F. Mason, "Collusion in Horizontally Connected Markets," *Multiunit Organization and Multimarket Strategy*, special issue of Advances in Strategic Management, 2001, pp. 205-228.

Mason, Charles F. and Owen R. Phillips, "Dynamic Learning in a Two-Person Experimental Game," *Journal of Economic Dynamics and Control*, September 2001, pp. 1305-1344.

Mason, Charles F., "Non-renewable Resources with Switching Costs," *Journal of Environmental Economics and Management*, July 2001, pp. 65-81.

Mason, Charles F., "Minimum Wages and Information," *Journal of Economics and Business*, March/June 2001, pp. 153-170.

Mason, Charles F. and Owen R. Phillips, "An Experimental Evaluation of Strategic Preemption," *International Journal of Industrial Organization*, January 2000, pp. 107-135.

Mason, Charles F. and Owen R. Phillips, "Vertical Integration and Collusive Incentives: An Experimental Analysis," *International Journal of Industrial Organization*, March 2000, pp. 471-496.

List, John and Charles F. Mason, "Spatial Aspects of Pollution Control when Pollutants have Synergistic Effects: Evidence from a Differential Game with Asymmetric Information," *The Annals of Regional Science*, December 1999, pp. 439-452.

Cason, Timothy N. and Charles F. Mason, "Uncertainty, Information Sharing and Collusion in Laboratory Duopoly Markets," *Economic Inquiry*, April 1999, pp. 258-281.

Mason, Charles F. and Cliff Nowell, "An Experimental Analysis of Subgame Perfect Play: The Entry Deterrence Game," *Journal of Economic Behavior and Organization*, December, 1998, pp. 443-462.

Polasky, Stephen and Charles F. Mason, "On the Welfare Effects of Mergers: Short Run vs. Long Run", *Quarterly Review of Economics and Finance*, Spring 1998, pp. 1-24.

Mason, Charles F. and Stephen Polasky, "The Optimal Number of Firms in the Commons: A Dynamic Approach," *Canadian Journal of Economics*, November 1997, pp. 1143-1160.

Mason, Charles, F. and Owen R. Phillips, "Mitigating the Tragedy of the Commons Through Cooperation: An Experimental Evaluation," *Journal of Environmental Economics and Management*, October 1997, pp. 148-172.

Mason, Charles F. and Owen R. Phillips, "Information and Cost Asymmetry in Experimental Duopoly Markets," *Review of Economics and Statistics*, February 1997, pp. 290-299.

Phillips, Owen R. and Charles F. Mason, "Fixed Costs, Bankruptcy, and Price Wars in a Duopoly Game," *Southern Journal of Economics*, January 1997, pp. 726-742.

Mason, Charles F. and Arik Ragowsky, "On the Value of Information in Information Systems," Papers and Proceedings of the 30<sup>th</sup> annual Hawaiian International Conference on System Sciences.

Phillips, Owen R. and Charles F. Mason, "Market Regulation and Multi-Market Rivalry," *RAND Journal of Economics*, Autumn 1996, pp. 596-617.

Mason, Charles F. and Stephen Polasky, "Entry Deterrence in the Commons," *International Economic Review*, 5/94, pp. 507-525.



Mason, Charles F. and Frederic P. Sterbenz, 1994, "Imperfect Product Testing and Market Size," *International Economic Review*, pp. 61 - 86.

Phillips, Owen R. and Charles F. Mason, 1992, "Mutual Forbearance in a Conglomerate Game," *RAND Journal of Economics*, pp. 395 - 414.

Mason, Charles F., Owen R. Phillips, and Clifford Nowell, 1992, "Duopoly Behavior in Asymmetric Markets: An Experimental Evaluation," *Review of Economics and Statistics*, pp. 662 - 70.

Mason, Charles F. and Clifford Nowell, 1992, "Entry, Collusion, and Capacity Constraints," *Southern Journal of Economics*, pp. 1002 - 1014.

Mason, Charles F., Owen R. Phillips, and Douglas B. Redington, 1991, "The Role of Gender in a Non-Cooperative Game," *Journal of Economic Behavior and Organization*, pp. 215-235.

Mason, Charles F., 1989, "Exploration Information and A.E.C. Regulation of the U.S. Uranium Industry," *Journal of Economic Dynamics and Control*, pp. 421-448.

Mason, Charles F., Todd Sandler, and Richard Cornes, 1988, "Expectations, the Commons, and Optimal Group Size," *Journal of Environmental Economics and Management*, pp. 99 - 110.

Coursey, Don L. and Charles F. Mason, 1987, "Investigations Concerning the Dynamics of Consumer Behavior," *Economic Inquiry*, pp. 549 - 564.

Mason, Charles F., 1987, "Predation by Noisy Advertising," *Review of Industrial Organization*, pp. 78 - 93.

Cornes, Richard, Charles F. Mason, and Todd Sandler, 1986, "The Commons and the Optimal Number of Firms," *Quarterly Journal of Economics*, pp. 641 - 646.

Mason, Charles F., 1985, "Exploration, Information, and Regulation in an Exhaustible Mineral Industry," *Journal of Environmental Economics and Management*, pp. 153 -166.

Mason, Charles F., 1986, "Cherries, Lemons, and the FTC, Revisited," *Economic Inquiry*, pp. 363 - 365.

Mason, Charles F., 1985, "On Scale Economies and Exhaustible Resource Markets," *Review of Industrial Organization*, pp. 144 - 159.

Mason, Charles F., 1985, "Learning from Exploration Information," *Resources and Energy*, pp. 243 - 257.

### Work in Progress

Fitzgerald, Timothy and Charles F. Mason, "Whose Frac is It, Anyway? Using Sources of Productivity Gains to Explain Industrial Organization in Oilfield Services," submitted to the *Energy Journal*; revisions requested.

Mason, Charles F., Luca Taschini and Neil Wilmot, "Jumping Beans: Implications of Fat Tails in International Soybean Markets," submitted to *Resource and Energy Economics*, revisions requested.

Mason, Charles F., "Energy Price Jumps, Fat Tails and Climate Investment Policy," 11/24.

Mason, Charles F., "Optimal Social Energy Stockpiles" 11/24.

Cochran, Alivia and Charles F. Mason, "Firm's Optimal Decision to Invest in a Wind Farm Using an Investment Under Uncertainty Framework," 8/24.

Mason, Charles F., "Why do Firms Hold Oil Stockpiles?" 7/24.

Mason, Charles F. and Remi, Morin-Chasse, "The Transition to Renewable Energy," 4/24.

Mason, Charles F. and Neil Wilmot, "Volatility in Solar Renewable Energy Certificates: Jumps and Fat Tails," 1/24.

Mason, Charles F., "On the Interaction of Eco-Labeling and Trade," 5/23.

Mason, Charles F. and Daniel J. Pastor, "Investigating the Effects of the Federal Lease Ban: An Analysis Based on Oil Well Drilling in New Mexico and Texas," 6/22.

Marks, Levi, Charles F. Mason and Matthew Zaragoza-Watkins, "Raising Rivals' Costs: Vertical Market Power in Natural Gas Pipelines and Wholesale Electricity Markets," 5/22.

Mason, Charles F., "Climate Cooperation in Dynamic Games with Asymmetric Players: The Role of Social Preferences," 12/21.

Mason, Charles F. and Neil Wilmot, "On Climate Jumps and Fat Tails," 3/21.

Mason, Charles F. and Neil Wilmot, "Energy Price Jumps, Fat Tails and Investment Policy," 3/21.

Mason, Charles F., "Optimal Contracts for Sequestration with Heterogeneous Risk Averse Agents," 3/21.

Mason, Charles F., "Analyzing the Risk of Transporting Crude Oil by Rail," 1/21.

Mason, Charles F., "An Experimental Analysis of the Complications in Colluding when Firms are Asymmetric," 12/20.

Mason, Charles F., "Collusion or Oil-lusion? East Texas in the Age of Giant Oil Fields," 12/18.

Morin-Chasse, Remi and Charles F. Mason, "On Environmental Accidents with a Judgment-Proof Firm," 5/18.

#### Refereed Chapters in Books and Monographs

Wilmot, Neil and Charles F. Mason, "Jumps in Energy Commodity Markets," Handbook of Energy Finance: Theories, Practices and Simulations, 2019.

Oliver, Matt and Charles F. Mason, "An overview of interstate gas pipeline regulation in the United States," in: Progress in Economics Research, Vol. 39, NOVA Publishers, 2017, p. 91-118.

Mason, Charles F., "Some Economic Issues in the Exploration for Oil and Gas," in: New Frontiers in Oil and Gas Exploration, Springer International Publishing, Congrui Jin and Gianluca Cusatis, eds., 2016 pp. 507-518.

Mason, Charles F., Victoria Umanskaya and Edward Barbier, "On the Strategic Use of Import Tariffs to Control Trans-boundary Externalities," Game Theory Applications to Environmental Economics, World Science Press, 2016 pp. 93-114.

Mason, Charles F., Topics in the Organization of the Oil Industry, Past and Present, NOW Publishers, Hanover MA, 2014.

Burgess, Jo, Chis J. Kennedy and Charles F. Mason, "On the Potential for Speculation to Threaten Biodiversity Loss," in: Nature in the Balance: The Economics of Biodiversity, Oxford University Press, 2013.

Kroll, Stephan, John List and Charles F. Mason, "International Environmental Problems as Two-Level Games: An Experimental Investigation," Handbook on Experimental Economics and the Environment, 2013.

Mason, Charles F., "Global Petroleum Markets: Past, Present and Future," Encyclopedia of Globalization, Basil Blackwell publishers, 2012.

Mason, Charles F., "What Motivates Membership in OPEC?," OPEC, Oil Prices and LNG, NOVA Science publications, E. R. Pitt and C. N. Leung, eds., 2009, 281-294.

Kroll, Stephan, Charles F. Mason, and Jason Shogren “Environmental Conflicts and Interconnected Games: An Experimental Note on Institutional Design,” *Game Theory and the Global Environment*, H. Folmer and N. Hanley, eds., 1998.

Charles F. Mason and Kenneth Train, 1985, "A Route Forecasting Method for the Portland Area" In: Research in Transportation Economics (Theodore Keeler ed.), JAI Press, pp. 239 - 259.

### Other

John W. Collins and Charles F. Mason, Summit on Improving the Economics of America's Nuclear Power Plants, Center for Advanced Energy Studies, INL/EXT-16-39257, prepared at the request of the U.S. Department of Energy, September 2016.

Stephen P. A. Brown, Charles F. Mason, Alan Krupnick and Jan Mares, 2014, “Crude Behavior: How Lifting the Oil Export Ban Reduces Gasoline Prices in the US,” Resource for the Future Issue Brief 14-03-REV.

Charles F. Mason, 1991, "Games and Information," review for Review of Industrial Organization.

Charles F. Mason, 1990, "The Value of a Trout Stream," Rocky Mountain Streamside

Charles F. Mason and Robert Whaples, 2006, “Study Guide to Accompany Microeconomics,” (4<sup>th</sup> edition) Addison-Wesley Longman: Reading, MA.

Charles F. Mason, 1999, "Classroom Experiments for Intermediate Microeconomics," Addison-Wesley Longman: Reading, MA.

Dag Nummedal, Brian Towler, Charles Mason and Myron Allen, 2003, “Enhanced Oil Recovery in Wyoming: Prospects and Challenges,” University of Wyoming White Paper (prepared for Governor Dave Freudenthal).

## GRANTS

### Funded Projects as PI

“Co-Optimization of Enhanced Oil Recovery and Carbon Sequestration,” UW School of Energy Resources; 9/07-5/08. Funding for a graduate student.

“On the Economics of Eco-Labeling,” NSF grant # SES-0214160, \$54,334; 8/02 – 7/03.

“A Competitive Assessment of the Market for Alaskan Forest Products,” USDA, \$25,907; 10/00 – 6/01.

"Incorporating Uncertainty into an Assessment of Global Climate Change," COB 1995 Summer grant, \$5,000.

"An Experimental Analysis of Entry Deterrence," COB 1994 Summer grant, \$4,000.

"Observing Trigger Strategies in Two-Person Experimental Games," COB 1993 Summer grant, \$4,000.

"Mitigating the Tragedy of the Commons Through Cooperation: An Experimental Evaluation," COB 1992 Summer grant, \$4,000.

"Raising Rivals' Costs: An Experimental Evaluation," COB 1991 Summer grant, \$4,200.

Additional C&I grants in summers of 1983 - 1990

#### Funded Projects as CoPI

2021 – 2023 “The Economics of Scaling Carbon Capture, Utilization and Storage (CCUS)”, Sloan Foundation, with Benjamin Leibowicz, Sheila Olmstead and Andrew Waxman; \$849,991.

2006 – 2009 “Big Sky Regional Carbon Sequestration Partnership, Phase 2,” Department of Energy, Fossil Energy Research and Development Program, with S. M. Capalbo, J. M. Antle, Andrew Plantinga and Klaas van 't Veld, \$14,292,087.

2004 – 2006 “State Appropriation to the Enhanced Oil Recovery Institute for EOR in Wyoming,” with O. R. Phillips and Klaas van 't Veld, State of Wyoming, \$263,000.

1990 - 1991 "Collusion in Multi-Market Rivalry," with O. R. Phillips, NSF/EPSCoR, \$51,500.

#### RECENT CONSULTING

Expert Witness, New York File No. 1960-1623/B, JPMorgan Chase Bank, N.A. vs. Lucy Waletzky.

Expert Witness, U.S. District Court, Southern District of Texas, Case No. 4:20-cv-02995, Easom v. US Well Services, Inc.

Expert Witness, Civil Action No. 104881-C, Kim v. Casper Medical Center et al.

Expert Witness, case # MDL 2179, U.S., et al. v. BP Exploration & Production Inc;  
Anadarko Exploration & Production LP, et al. (OIL SPILL BY THE OIL RIG  
“DEEPWATER HORIZON” IN THE GULF OF MEXICO, ON APRIL 20, 2010)

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