

**Shi-Ling Hsu**

D'Alemberte Professor of Law  
Florida State University College of Law  
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**EDUCATION**

Ph.D, Agricultural and Resource Economics, University of California at Davis.  
M.S., Ecology, University of California at Davis.  
J.D., Columbia Law School, New York, N.Y.  
B.S., Columbia University School of Engineering and Applied Science, New York.

**ACADEMIC APPOINTMENTS**

2012-present: Florida State University College of Law, Larson Professor (2012-2015), D'Alemberte Professor (2015-present), Associate Dean for Environmental Programs (2015-2019). Nominated for University Excellence in Teaching Award, 2016-17, 2019-20. Courtesy Professor, Florida State University Department of Earth, Ocean and Atmospheric Sciences (2017-present). Courses: Property, Environmental Law, Natural Resources Law, Coastal and Ocean Law, Climate Change.

2004-2012: University of British Columbia Faculty of Law, Associate Professor (2004-2008), Professor (2008-2012) and Associate Dean for Special Projects (2007-2009). Nominated for Teaching Excellence Award, 2005, 2006, 2007 & 2008. Courses: Property, Environmental Law, Natural Resources Law, Law and Economics, Energy Law, Climate Change.

2000-2004: George Washington University Law School, Associate Professor (2000-2004). Courses: Property, Environmental Law, Law and Economics.

**ORGANIZATIONAL SERVICE**

2009-present: Founding Member, Society for Environmental Law & Economics.

2014-present: Board of Advisors, Citizens Climate Lobby.

2019-present: Foundation for Natural Resources and Energy Law: Finance Committee; FSU Representative Trustee.

Florida State University College of Law Diversity, Equity, and Inclusion Committee (2020-2022, Chair, 2021-22); Appointments Committee (2015-16, 2020-21); Admissions Committee (2015-18, 2021-2023, Chair, 2016-17); Promotion and Tenure Committee (2013-15, 2023-present, Chair, 2024-present), Curriculum Committee (2013-15, 2023-present); Academic Waivers Committee (2012-14, 2017-19, Chair, 2012-14); Florida State University Creative Research Council (2016-2023); Sustainability Advisory Council (2013-15).

## RECENT MEDIA

[What's a "Carbon Border Adjustment Mechanism, and What Does It Mean for U.S. Exports?](#) MARKETPLACE, Dec. 15, 2022.

[Can Capitalism Solve Climate Change?](#) MARKETPLACE MAKE ME SMART, Jul. 5, 2022.

[Shi-Ling Hsu on Capitalism and the Environment](#), FREE RANGE WITH MIKE LIVERMORE, Mar. 2, 2022.

[How Does a Cap and Trade System for Carbon Emissions Work?](#) MARKETPLACE MORNING REPORT, Nov. 4, 2021.

[If a Carbon Tax Helps Lower Emissions, Why Doesn't the U.S. Have One?](#) MARKETPLACE, Oct. 29, 2021.

[The Case for a Carbon Tax](#), MARKETPLACE MAKE ME SMART, Oct. 26, 2021.

## BOOKS

OCEAN AND COASTAL RESOURCES LAW (Aspen, 4<sup>TH</sup> ed. 2023) (with Josh Eagle).

CAPITALISM AND THE ENVIRONMENT: A PROPOSAL TO SAVE THE PLANET (Cambridge Univ. Press, 2021).

THE CASE FOR A CARBON TAX: GETTING PAST OUR HANG-UPS TO EFFECTIVE CLIMATE POLICY (Island Press, 2011).

## SCHOLARLY ARTICLES AND BOOK CHAPTERS

*Climate Resilience: A Typology*, \_\_ UMKC L. REV. \_\_ (forthcoming symposium, 2025).

*Recruiting Capitalism for Environmental Protection*, in CAN DEMOCRACY AND CAPITALISM BE RECONCILED? (Milkis, S. and S. Miller, eds, Oxford Univ. Press, forthcoming 2024).

*Western Water Rights in a Warming Future*, in ADAPTING TO HIGH-LEVEL WARMING: EQUITY, GOVERNANCE, AND LAW (Kuh, K.F. & S.M. Roesler, eds., ELI Press, forthcoming, 2024) (with Kevin Lynch and Karrigan Bork).

*Supplying Life Necessities in a Climate-changed Future*, in ADAPTING TO HIGH-LEVEL WARMING: EQUITY, GOVERNANCE, AND LAW (K.F. Kuh & S.M. Roesler, eds., ELI Press, forthcoming, 2024).

*Non-market Values in the Draft Update of Circular A-4*, YALE J. REG. NOTICE & COMMENT (2023) (invited).

*We Need Capitalism to Save Our Planet*, ENVTL F. (2023).

*Climate Insecurity*, 2023 UTAH L. REV. 129 (2023).

*On Electric Vehicles and Environmental Policies for Innovation (a Review of John Graham's The Global Rise of the Modern Plug-in Electric Vehicle)*, 14 UC LAW SCI. & TECH. L.J 231 (2023).

*Whither, Rationality?* 120 MICH. L. REV. 1165 (2022).

*Adapting to a 4°C World*, 52 ENVTL. L. REP. 10211 (2022) (with 17 others).

*Carbon Taxes and Economic Inequality*, 15 HARV. L. & POL'Y REV. 551 (2021) (invited).

*Anti-Science Ideology*, 75 U. MIAMI. L. REV. 405 (2021) (symposium).

*Cost-Benefit Analysis as Policy and as Dialectics*, YALE J. REG. NOTICE & COMMENT (2021) (invited).

*Prices Versus Quantities*, in POLICY INSTRUMENTS IN ENVIRONMENTAL LAW (Richards, K.R. & J. van Zeben, eds., 2020).

*Climate Triage: A Resources Trust to Address Inequality in a Climate-changed World*, 50 ENVTL. L. 97 (2020).

*Natural Gas Infrastructure: Locking in Emissions?* 34 NAT. RES. & ENVT. 3 (2020) (with Sam Kalen).

*Cooperation and Turnover in Law Faculties: A Game-theoretic Model and Empirical Study*, 102 MARQ. L. REV. 1 (2018).

*Carbon Pricing*, in LEGAL PATHWAYS TO DEEP DECARBONIZATION IN THE UNITED STATES (Dernbach, J. & M. Gerrard, eds., 2018).

*Human Capital in a Climate-Changed World*, in CLIMATE CHANGE AND ITS IMPACTS: RISKS AND INEQUALITIES (Murphy, C, P. Gardoni & R. McKim, eds, 2018).

*Antitrust and Inequality: The Problem of Super-firms*, 63 ANTITRUST BULLETIN 104 (2018).

*A Complete Analysis of Carbon Taxation: Considering the Revenue Side*, 65 BUFF. L. REV. 857 (2017).

*Comment on Eric Biber's Looking Toward the Future of Judicial Review*, 32 J. LAND USE & ENVTL. L. 375 (2017).

*Comment on Sarah Light's Green Procurement and Beyond*, 32 J. LAND USE & ENVTL. L. 477 (2017).

*Capital Transitioning: An International Human Capital Strategy for Climate Innovation*, 6 TRANS. ENVTL. L. 153 (2017).

*Inefficient Inequality*, 5 IND. J. L. & SOC. EQ. 1 (2016).

*Carbon Taxes*, in GLOBAL CLIMATE LAW (Farber, D., and M. Peeters, eds. 2016).

*International Market Mechanisms*, in THE OXFORD HANDBOOK OF INTERNATIONAL CLIMATE CHANGE LAW (Carlarne, C., ed., 2016).

*Scale Economies, Scale Externalities: Hog Farming and the Changing American Agricultural Industry*, 94 OR. L. REV. 23 (2015).

*Environmental Law Without Congress: Introduction*, 30 J. LAND USE. & ENVTL. L. 1 (2015).

*The Rise and Rise of the One Percent: Considering the Legal Causes of Wealth Inequality*, 64 EMORY L.J. ONLINE 2043 (2015).

*The Accidental Postmodernists: A New Era of Skepticism in Environmental Law*, 39 VT. L.R. 27 (2014).

*Climate Change Regulation and Prediction Markets*, 37 REGULATION 34 (2014).

*A Cost-Benefit Analysis of Sugary Drink Regulation in New York City*, 10 J. FOOD L. & POL'Y 75 (2014).

*Capital Rigidities, Latent Externalities*, 51 HOUS. L. REV. 719 (2014).

*Assessing "Dangerous Climate Change": Required Reductions of Carbon Emissions to Protect Young People, Future Generations and Nature* 8 PLOS ONE e81648 (with James Hansen, Pushker Kharecha, Makiko Sato, Valerie Masson-Delmotte, Frank Ackerman, David J. Beerling, Paul J. Hearty, Ove Hoegh-Guldberg, Camille Parmesan, Johan Rockstrom, Eelco J. Rohling, Jeffrey Sachs, Pete Smith, Konrad Steffen, Lise Van Susteren, Karina von Schuckmann, James C. Zachos) (2013).

*Politics and Climate Change: What Impedes a Carbon Tax?* 36 REGULATION 48 (2013).

*International Trade and Investment Law and Carbon Management Technologies*, 53 NAT. RES. J. 285 (2013) (with Nigel Bankes, Anatole Boute, Steve Charnovitz, Sarah McCalla, Nicholas Rivers, and Liz Whitsitt).

*A Conservative Approach to Environmental Law: Be Data Driven*, 23 DUKE ENVTL. L. & POL'Y. F. 281 (2013).

*Why Conservatives Should Support a Carbon Tax*, 30 ENVTL. F. 26 (with Yoram Bauman) (2013).

*Environmental Prediction Markets*, 631-628 in MARKET INSTRUMENTS AND SUSTAINABLE ECONOMY (Instituto de Estudios Fiscales, Madrid, Spain, 2012).

*Comment: Rights to Pollute: Assessment of Tradable Permits for Air Pollution*, Ch. 6 in PROPERTY IN LAND AND OTHER RESOURCES (Lincoln Institute for Land Policy, 2012).

*British Columbia [Climate Change Policy and Law]*, ch. 5 in THE LAW OF CLIMATE CHANGE (Canada Law Book, Mahoney, D, ed., 2d ed., 2012) (with Tony Crossman), *co-winner of the Canadian Bar Association 2011 Walter Owen Book Prize*.

*A Prediction Market for Climate Outcomes*, 83 U. COLO. L. REV. 179 (2011).

*A Game-theoretic Model of International Climate Negotiations*, 19 N.Y.U. ENVTL. L.J. 14 (2011).

*Carbon Taxes in Theory and in Practice*, Ch. 15 in CRITICAL ISSUES IN ENVIRONMENTAL TAXATION, VOL. VII (Oxford Univ. Press, 2010) (with David Duff).

*The Politics and Psychology of Gasoline Taxes: An Empirical Study*, 15 WIDENER L. REV. 363 (2010).

*Greenhouse Gas Regulation in Canada: Constitutional and Policy Dimensions*, 54 MCGILL L. J. 463 (with Robin Elliot) (2009).

*A Review of "The Reality of Carbon Taxes in the 21<sup>st</sup> Century" by Milne, Speck, Anderson and Duff*, 54 TAX NOTES INTERNATIONAL 399 (2009).

*Saving Lives Through Administrative Law and Economics: A Response*, 157 U. PA. L. REV. PENNumbra 200 (2009).

*Psychological Barriers to Gasoline Taxation*, 333-347, Ch. 15 in CRITICAL ISSUES IN ENVIRONMENTAL TAXATION, VOL. VI (2009).

*Pollution Tax Heuristics: an Empirical Study of the Willingness to Pay Higher Gasoline Taxes*, 36 ENERGY POL'Y 3912 (2008) (with Joshua Walters and Anthony Purgas).

*A Realistic Evaluation of Climate Change Litigation Through the Lens of a Hypothetical Lawsuit*, 79 U. COLO. L. REV. 701 (2008).

*The Identifiability Bias in Environmental Law*, 35 FLA. ST. U. L. REV. 433 (2008).

*Some Quasi-behavioral Arguments for Environmental Taxation* 29-52, Ch. 2 in CRITICAL ISSUES IN ENVIRONMENTAL TAXATION, VOL. V (2008).

*Litigating Canada-U.S. Transboundary Harm: International Lawmaking and the Threat of Reciprocity*, 48 VA. J. INTL L. 1 (2007) (with Austen Parrish).

*Why We Can Do Better Than New Source Review*, 3 ECONOMISTS' VOICE 5 (2006).

*The Real Problem With New Source Review*, 36 ENVTL. L. REP. 10095 (2006).

*What's Old is New: the Problem With New Source Review*, 29 REGULATION 36 (2006).

SUSTAINABLE DEVELOPMENT AND THE LAW: PEOPLE, ENVIRONMENT, AND CULTURE (Canadian Institute for the Administration of Justice, 2006, co-edited with Patrick A. Molinari).

*What IS a Tragedy of the Commons? Overfishing and the Campaign Spending Problem*, 69 ALBANY L. REV. 75 (2005).

*On the Role of Cost-benefit Analysis in Environmental Law*, 35 ENVTL. L. 135 (2005).

*Fairness Versus Efficiency in Environmental Law*, 31 ECOLOGY L. Q. 303 (2004).

*Book Review: Environmental Law and Policy*, by James Salzman and Barton H. Thompson, Jr., 48 ECOLOGICAL ECONOMICS 492 (2004).

*A Two-Dimensional Framework of Property Rights Regimes*. 36 U.C. DAVIS L. REV. 813 (2003).

*A Game-Theoretic Approach to Regulatory Negotiation and a Framework for Empirical Analysis*. 26 HARV. ENVTL. L. REV. 33 (2002).

*A Defense of Cost-Benefit Analysis for Natural Resource Policy*. 32 ENVTL. L. REP. 10239 (2002) (with John Loomis).

*Reducing Emissions from the Electricity Generating Industry: Can We Finally Do It?* 14 TULANE ENVTL. L. J. 427 (2001).

*Economic Analysis and Land Use Policy: Proceedings of the Fourth Workshop in the Environmental Policy and Economics Workshop Series, December 2, 1999* (2000).

*Protecting Delaware's Natural Heritage: Tools for Biodiversity Conservation* (1999) (with J. Wilkinson, J. McElfish, B. Rohan and D. Schorr).

*Economic Research and Policy Concerning Water Use and Watershed Management: Proceedings of the Third Workshop in the Environmental Policy and Economics Workshop Series, April 21-22, 1999 (1999).*

*Valuing Health for Environmental Policy With Special Emphasis on Children's Health Issues: Proceedings of the Second Workshop in the Environmental Policy and Economics Workshop Series, March 24-25, 1999 (1999).*

*The Potential and the Pitfalls of Habitat Conservation Planning Under the Endangered Species Act.* 29 ENVTL. L. REP. 10592 (1999).

*The External Damage Costs of Direct Noise From Motor Vehicles.* 1 J. TRANSPORTATION AND STATISTICS 1 (1999).

*Ecosystem Management and the 1996 Sustainable Fisheries Act.* 24 ECOLOGY L. Q. 799 (1997) (with J. Wilen).

## PRESENTATIONS AND PANEL DISCUSSIONS

"Climate Resilience: A Typology," 2023 Annual Meeting of Midwestern Law and Economics Association, Bloomington, IN, Oct. 2023; Fifteenth Meeting of the Society for Environmental Law and Economics, Tallahassee, FL, March, 2024.

Book Lecture, CAPITALISM AND THE ENVIRONMENT, invited guest speaker, Paul M. Hebert Center of Law, Louisiana State University, March, 2024; and University of Notre Dame Global Gateway, London, UK, December 2021.

"Climate Change, Uncertainty, Inequality, and Hoarding," Fourteenth Meeting of the Society for Environmental Law and Economics, Cambridge, UK, June, 2023, and CIRANO Interdisciplinary Workshop on Environmental Justice, Montreal, Canada, April, 2023.

"Climate Resilience," Arizona State University SRP Sustainability Conference of American Legal Educators, Phoenix, AZ, May, 2023.

Panelist, "Environmental Degradation," Project on Democracy and Capitalism Scholars Conference, Miller Center, University of Virginia, Charlottesville, VA, March 2023.

"Prediction Markets for Climate Adaptation," Midwestern Law & Economics Association Annual Meeting, Chicago, IL, November 2022.

"On Electric Vehicles and Innovation Policy," Society for Environmental Law and Economics Annual Meeting, New York, June 2022.

"Decelerating Depreciation," Southern Economic Association Annual Meeting, Houston, November 2021.

"Climate Change, Inequality and Hoarding," American Law & Economics Association Annual Meeting (virtual), October 2021, Florida State University William T. Hold/The National Alliance Program in Risk Management and Insurance seminar series (virtual), Tallahassee, FL, April 2021; Southern Economic Association Annual Meeting (virtual), November 2020; Canadian Resource and Environmental Economic Association Annual Meeting, Charlottetown, Canada, October 2019; Southern Economic Association Annual Meeting, Fort Lauderdale, FL, November, 2019.

"Capitalism and the Environment," Global Conference on Environmental Taxation (virtual), September, 2021.

"An Introduction to Carbon Taxation," webinar speaker, Institute for Agriculture and Trade Policy (virtual), November 2020.

"Climate Change and the 2020 Election," invited panelist, University of Miami Law Review Symposium, Coral Gables, FL, February 2020.

"Capitalism and the Environment," workshop, University of Arizona Workshop on Environmental Scholarship, Tucson, AZ, February 2020.

"Economic Inequality and Adaptation in a Climate-Changed World," Eleventh Annual Society for Environmental Law and Economics, Santiago, Chile, March 2019; invited presentation, University of South Carolina School of Law, Columbia, S.C., January 2019.

"Inequality in a Climate-changed Future," Plenary address, Celebrating Commons Scholarship, Georgetown Law School, Washington, DC, October 2018; American Bar Association Section for Environment, Energy and Resources Professors' Workshop, San Diego, CA, October 2018; Society for Environmental Law and Economics, Chicago, IL, June 2018.

"A Game-Theoretic Model for Cooperation in Law Faculties," American Law and Economics Association Annual Meeting, Boston, MA, May 2018; Montreal Environmental and Resource Economics Workshop, Montreal, November 2017; Midwestern Law and Economics Association Annual Meeting, Atlanta, GA, September 2016.

"Economic and Environmental Inequality," Rocky Mountain Mineral Law Foundation Annual Institute, Victoria, Canada, July 2018; Vermont Law School, South Royalton, VT, June 2018; Sustainability Conference for American Legal Educators, Phoenix, AZ, May 2018.

"Inefficient Inequality," Florida State University Honors Society Panel, Tallahassee, FL March 2018; Midwestern Law and Economics Association Annual Meeting, Lawrence, KS, October 2015.



"Decarbonizing Florida Energy," University of Florida Public Interest Environmental Conference, Gainesville, FL, February 2018.

"Antitrust and Inequality: the Problem of Super-firms," Midwestern Law and Economics Association Annual Meeting, Milwaukee, WI, October 2017.

"Capital, in Economic and Ecological Context," Rocky Mountain Mineral Law Foundation, Institute for Natural Resource Law Teachers, Banff, Alberta, June 2017.

"A Complete Analysis of Carbon Taxation: Including the Revenue Side," Ninth Annual Society for Environmental Law & Economics Meeting, Oxford, UK, May 2017.

"The Second, Vengeful Coming of Postmodernism: Alternative Economic and Environmental Facts," Sustainability Conference for American Legal Educators, Tempe, AZ, May 2017.

"The Case for a Carbon Tax 2.0," 2016 Vermont Law School Colloquium on Environmental Scholarship, South Royalton, VT, September 2016; J.B. & Maurice Shapiro Environmental Law Symposium, George Washington University Law School, Washington, D.C., March, 2106.

"Human Capital in a Climate-Changed World," Sustainability Conference for American Legal Educators, Tempe, AZ, May 2016; Eighth Annual Society for Environmental Law & Economics Meeting, Austin, TX, May 2016.

"Human Capital Transitioning," Invited Presentation, Workshop: Climate Change and Its Impacts, University of Illinois at Urbana-Champaign, Champaign, IL, March 2016; Invited Presentation, University of Oregon School of Law, Eugene, OR, January 2016; American Society of International Law and Energy Transition Lab, University of Minnesota Workshop: Multidimensional Action to Address Climate Change, Minneapolis, MN, October 2015.

"Agricultural Adaptation," Rocky Mountain Mineral Law Foundation Natural Resources Law Teachers Meeting, Salt Lake City, UT, May 2015.

"In Defense Of, Or Offensive to Farms?" Seventh Annual Society for Environmental Law & Economics Meeting, Groningen, the Netherlands, May 2015.

"The Rise and Rise of the One Percent," Invited presentation, Loyola University Chicago School of Law, Chicago, IL, February 2015; Midwestern Law & Economics Annual Meeting, Indianapolis, IN, October 2014; Invited presentation, Emory University School of Law, Atlanta, GA, September 2014.

"Capital Tax Reform in the Oil and Gas Sector," American Bar Association, Section on Taxation Midyear Meeting, Houston, TX, January 2015.

"The Case for a Carbon Tax," Environmental Law Seminar, Denver University Sturm College of Law, Denver, CO, March 2015; Keynote address, Citizens Climate Lobby Canada Annual Meeting, Ottawa, Ontario, Canada, November 2013; Plenary address, Citizens Climate Lobby Southeast Region Meeting, Atlanta, GA, January, 2014; Plenary address, Citizens Climate Lobby Annual Meeting, Washington, D.C., June, 2013.

"The Accidental Postmodernists," Sixth Annual Society for Environmental Law & Economics Meeting, Chicago, IL, May 2014.

"Capital Rigidities, Latent Externalities," American Law & Economics Association 2014 Annual Meeting, Chicago, IL, May 2014; Invited presentation, Wake Forest University School of Law, Winston-Salem, NC, March 2014; Invited presentation, Maurer School of Law, Indiana University, Bloomington, IN, March 2014; Invited presentation, University of Montreal, Montreal, Canada, February 2014; Allen Chair Symposium, University of Richmond School of Law, Richmond VA, October, 2013; Environmental Law Colloquium, Northwestern University School of Law, Chicago, IL, March 2013.

"Prediction Markets and Climate Regulation," ABA Section of Administrative and Regulatory Practice, Atlanta, GA, April 2014.

"On the Legal Treatment of Capital and Rent-Preserving Activities," Midwestern Law and Economics Association, Champaign, IL, October, 2013.

"Prediction Markets for the Environment," 14<sup>th</sup> Florida Environmental Summit, Jacksonville, FL, February 2013.

"Prospects for a Revenue-Neutral Carbon Tax," Energy & Enterprise Initiative, Tallahassee, FL, November 2012.

"Physical, Human, and Social Capital as Barriers to Environmental Law Reform," Midwestern Law and Economics Association, St. Louis, MO, October 2012; International Society for New Institutional Economics, Los Angeles, CA, June, 2012; Society for Environmental Law and Economics, Bloomington, IN, May 2012.

"The Case for a Carbon Tax," Guest Lecture, Environmental Conservation Education Program, New York University, October 2012; Third Annual Environmental Law Symposium: Climate Change and Food Security, Florida A&M University, Tallahassee, FL, October 2012; Denman Forestry Issues Series, University of Washington School of Forestry and Environmental Sciences, Seattle, WA, May 2012; Invited Presentation, University of Washington School of Law, Seattle, WA, April 2012; Treehugger.com Bookhugger Series, January, 2012; Seattle Town Hall Series on Public Innovation, and King County Roundtable on Sustainability, Seattle, WA, December, 2011.

"Canadian Climate Policy: (Snow)Boots on the Ground," Yale Center for Environmental Law and Policy Climate Change Solutions Webinar Series, New Haven, CT, January, 2012.

"A Prediction Market for Climate Outcomes," 12<sup>th</sup> Global Conference on Environmental Taxation, Madrid, Spain, October, 2012; Midwestern Law and Economics Annual Meeting, Bloomington, IN, September 2011; 3<sup>rd</sup> Society for Environmental Law and Economics Meeting, Amsterdam, June 2011; Workshop in Law, Governance and Global Environmental Change, University of Toronto Faculty of Law, March 2011; Workshop in Environmental Law and Policy, Buchmann Faculty of Law, Tel Aviv University, Israel, January, 2011.

"A Realistic Evaluation of Climate Change Litigation," Renewing Environmental Law: A Conference for Environmental Law Practitioners, Vancouver, BC, Canada, February 2011.

"Postmodernism and Environmental Cost-Benefit Analysis," Developing Standards for Benefit-Cost Analysis Conference, University of Washington Benefit Cost Analysis Center, Washington, D.C., October, 2010.

"An Indexed Carbon Tax With a Predictive Market Twist," Colloquium on Environmental Scholarship at Vermont Law School, South Royalton, Vermont, October, 2010; Canadian Law and Economics Association Annual Meeting, Toronto, ON, October, 2010.

Comment: "Rights to Pollute: Assessment of Tradable Permits Air Pollution," by Professor Nives Dolsak, Evolution of Property Rights Related to Land and Natural Resources Conference, Lincoln Institute for Land Policy, Cambridge, MA, September, 2010.

"A Game-theoretic Model of International Climate Negotiations," Society for Environmental Law and Economics, Atlanta, GA, March, 2010.

"The Case for a Carbon Tax," International Legal Studies Colloquium, Boston College Law School, September 2010; Law and Economics Workshop Series, Boston University School of Law, Boston, March 2010; Economic Analysis of Law Speaker Series, University of British Columbia Faculty of Law, Vancouver, November 2009; Midwestern Law and Economics Association Annual Meeting, University of Notre Dame, South Bend, IN, October, 2009; Society for Environmental Law and Economics, Vancouver, BC, March, 2009; Program on Economics, Law, and the Environment, University of Arizona, Tucson, AZ, February, 2009, and Invited presentation, Florida State University College of Law, Tallahassee, FL, February, 2009.

"Climate Legislation and Border Tax Adjustments," American Branch of the International Law Association, New York, N.Y., October, 2009.

"Carbon Taxes: Why and How? Advantages of a Carbon Tax and Lessons from Theory and Practice," Tenth Global Conference on Environmental Taxation, Lisbon, Portugal, September, 2009 (with D. Duff).

"Reaching Across the 49<sup>th</sup> Parallel," Canadian Bar Association, National Energy, Environmental and Resource Law Summit, Vancouver, BC, May, 2009 and American Bar Association, Tort Trial and Insurance Practice Section Annual Meeting, Phoenix, AZ, April, 2009.

"Renewable Energy Policy in Canada," Journal of Environmental Law and Litigation Symposium: Living on a Finite Earth, University of Oregon School of Law, Eugene, OR, October, 2008.

"Carbon Tax Heuristics," National Centre for Business Law Annual Meeting, October, 2008; Midwestern Law and Economics Association Annual Meeting, Chicago, IL, October, 2008; UBC Climate Action Symposium, University of British Columbia, Vancouver, BC, October, 2008; Widener Law Review Symposium: Living With Climate Change, Widener University School of Law, Wilmington, DE, April, 2008.

"Climate Change Litigation," Law and Society Annual Meeting, Montreal, May, 2008.

Reframing Cost-Benefit Analysis, 27<sup>th</sup> Edward V. Sparer Symposium, University of Pennsylvania Law School, Philadelphia, March, 2008.

"Psychology, Economics, and Environmental Law," Invited Lecture, Tsinghua University Law School, Beijing, March, 2008.

"Environmental Law: a Canadian Perspective," China-Canada Environmental Governance Roundtable, Tsinghua University Law School, Beijing, March, 2008.

"The Identifiability Bias in Environmental Law," Invited Presentation, Queen's University Faculty of Law, Kingston, ON, February, 2008; Invited Presentation, University of Melbourne Law School, Melbourne, Australia, March, 2007; Canadian Law and Economics Association Annual Meeting, Toronto, ON, September, 2005; and Canadian Law and Society Annual Meeting, Harrison Hot Springs, BC, June, 2005.

"Pollution Tax Heuristics: An Empirical Study of Public Attitudes Towards Gasoline Taxes," Global Conference on Environmental Taxation, Munich, Germany, October, 2007; Canadian Law and Economics Association Annual Meeting, Toronto, ON, September, 2007.

"International Lawmaking Through Litigation: Ontario's Transboundary Air Pollution Problem," Harvard-Boalt-UCLA Junior Environmental and Natural Resource Scholars Workshop, Cambridge, MA, June, 2007; Association of American Law Schools, Washington, D.C., January, 2007.

"Contingent Valuation Methodology: Economists' Answer to the Question of Natural Resource Value," Keynote Speech, British Columbia Institute of Agrologists, Annual General Meeting, Vancouver, November, 2006.

"Embracing Reciprocity: Revisiting Domestic Legal Solutions to Canada's Transboundary Pollution Problems," Canadian Council on International Law Annual Conference, Ottawa, ON, October, 2006.

"Some Quasi-Behavioral Arguments for Environmental Taxation," Canadian Law and Economics Association Annual Meeting, Toronto, ON, September, 2006; Midwestern Law and Economics Association, Lawrence, KS, October, 2006; Seventh Global Environmental Taxation Conference, Ottawa, ON, October, 2006.

"What *Is* A Tragedy of the Commons? Overfishing and the Campaign Spending Problem," Canadian Law and Economics Association Annual Meeting, Toronto, ON, September, 2005; and Canadian Association of Law Teachers Annual Meeting, Vancouver, BC, June, 2005.

"New Source Review and the Capitalization Problem," Tulane Environmental Conference, Tulane Law School, New Orleans, LA, April, 2005.

"Fairness Versus Efficiency in Environmental Law," Invited Presentation, University of Alberta Faculty of Law, Edmonton, AB, January, 2005; Invited Presentation, Department of Agricultural Sciences, University of British Columbia, Vancouver, BC, November, 2004; University of British Columbia Faculty of Law Legal Studies Dinner Seminar, Vancouver, BC, October, 2004; Canadian Law and Economics Association Annual Meeting, Toronto, September, 2004; and Stanford-Yale Junior Faculty Forum, New Haven, CT, June, 2004.

"Cost-Benefit Analysis and Environmental Justice," 2<sup>nd</sup> National Persons of Color Legal Scholarship Conference, Washington, DC, October, 2004.

First Annual Ecology Law Quarterly Forum, Boalt Hall School of Law, University of California at Berkeley, Berkeley, CA, April, 2004.

"Urban Eco-nomics," Tulane Environmental Conference, Tulane Law School, New Orleans, LA, April, 2004.

Virtual Guest Speaker, Mercer University School of Law, Macon, GA, March, 2004.

Commenter, Workshop in Environmental Legal Research, Georgetown University Law Center, Washington, October, 2003.

"Fairness Versus Efficiency in Environmental Law." Midwest Law and Economics Association Annual Meeting, Indianapolis, October, 2003.

"The Optimal Dispersion of Property Rights." Faculty Workshop for the Northeast Persons of Color Annual Meeting, Barbados, June, 2002.

"Superior Environmental Performance and Corporate Profitability." Address to Safety, Health and Environment Division, Texaco, Washington, DC, May 2001.

"The Environmental Docket for the U.S. Supreme Court." Panelist for Environmental Law Institute Associates Seminar, Washington, October, 2000.

"The Potential Role of Financial Incentives in a Clean Energy Future." Panelist for Environmental Law Institute Roundtable Discussion, Washington, April, 2000.

"A Model of Regulatory Compromise Between Landowners and Regulators Under the Endangered Species Act." Resources for the Future Seminar, Washington, October, 1999.

"The Future of Habitat Conservation Planning." Panelist for Environmental Law Institute Associates Seminar, San Francisco, CA, September, 1999.

"A Model of Environmental Regulatory Behavior Under the Endangered Species Act." Canadian Law and Economics Association Annual Meeting, Toronto, September, 1999; and American Agricultural Economics Association Annual Meeting, Salt Lake City, August 1998.

"Environmental and Natural Resource Policy and the Optimal Dispersion of Property Rights." American Agricultural Economics Association Annual Meeting, Salt Lake City, August 1998, and World Congress of Environmental and Resource Economists, Venice, Italy, June, 1998.

"An Examination of Embedding Bias in the Willingness to Pay for Water Quality Improvements at Clear Lake, California." American Agricultural Economics Association Annual Meeting, Toronto, July 1997.

## **EXTERNAL RESEARCH GRANTS**

National and International Legal and Regulatory Framework for Carbon Management, Carbon Management Canada, 2010-2013.

Centre for Global Environmental and Natural Resource Law, Law Foundation of British Columbia, 2007-2009.

Regulation of Greenhouse Gas Emissions in Canada: Regulation, Measurement, and Enforcement, Social Sciences and Humanities Research Council of Canada, 2005-2008.

Incentives in Energy and Pollution Control: a Roundtable Discussion, Outlook Policy Forum, 2000.

Energy and Pollution Control Under Title IV of the Clean Air Act, Mellon Foundation, 1998-2001 (co-investigator).

Biodiversity and State Law in Delaware, Delaware Nature Society, 1998-2000 (co-investigator).

Environmental Science, Law, and Economics, U.S. Environmental Protection Agency Science to Achieve Results Fellowship Program, 1996-1998.

July 11, 2024