

Dr. Roman V. Sidortsov

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CAREER OVERVIEW

I am a comparative socio-legal scholar and teacher focusing on the intersection of energy and environmental law and policy. I have approximately seventeen years of experience working within American, Russian, Norwegian, and British educational institutions, law firms, and non-governmental organizations, teaching, supervising, and mentoring at the undergraduate and graduate levels. My current research is motivated by the need to transition to more sustainable energy systems. It focuses on international and comparative energy law and policy with a special emphasis on the Russian Federation and the United States, energy security and justice, energy geopolitics, risk governance in the energy sector, and Arctic energy development.

EDUCATION

University of Cambridge, Scott Polar Research Institute (Department of Geography), Churchill College
Ph.D. in Polar Studies/Geography, October 2012 – - October 2016

Thesis Title: Law and Power Relations in Risk Governance of Oil and Gas Activities in the Russian North
Awards, Honors, and Affiliations: Cambridge Trusts Scholar; Member of the Cambridge University Energy Network

Vermont Law School

LL.M in Environmental Law, *summa cum laude*, August 2010 – February 2012

Areas of Concentration: Comparative and International Energy, Environmental, and Climate Change Law and Policy, Arctic Energy and Environmental Policy, Oil and Gas Law

Thesis Title: “Measuring Our Investment in the Carbon Status Quo: A Case Study of New Oil Development in the Russian Arctic”

Awards, Honors, and Affiliations: Academic Excellence Award for Highest Grade in Adaptation to Climate Change; Senior Global Energy Fellow at the Institute for Energy and the Environment

Vermont Law School

Juris Doctor, *magna cum laude*, August 2006 – May 2008

Areas of Concentration: Energy and Environmental Law

Awards, Honors, and Affiliations: The Vermont Journal of Environmental Law – Editorial Staff Member, Symposium Committee Member; Vermont Law Review – Editorial Staff Invitee; Dean’s List (all semesters); Academic Excellence Awards for Highest Grades in Legal Writing II, Appellate Advocacy, Energy Regulation and the Environment, and Environmental Issues in Business Transactions

Irkutsk State University School of Law

Bachelor’s and Master’s Degree in Law, *Highest Honors (Red Diploma)*, September 1994 – June 1999

Areas of Concentration: Business Law, Comparative Law, and Intellectual Property

Thesis Title: “Intellectual Property in Russia: Historical and Comparative Aspects”

Awards, Honors, and Affiliations: Program Director at Lex Legal Clinic, Governor’s Stipend for Academic Excellence, full scholarship from the Russian Ministry of Education

California State University at Chico**Non-degree Exchange Program**, Freedom Support Act, August 1997 – May 1998Areas of Concentration: Political ScienceAwards, Honors, and Affiliations: Full scholarship from the U.S. Department of State, Best Brief of the Annual California State University at Chico Moot Court Competition, Dean's Honor List**FUNDED & PENDING RESEARCH PROJECTS**

- European Commission – Horizon 2020 (pending, advanced to the final stage).** *Toward Just, Ethical and Sustainable Arctic Economies, Environments and Societies (JUSTNORTH)*. Co-investigator, 2020-2024. 5,999,994 EUR
- The Alfred P. Sloan Foundation (funded).** *Increasing electrical grid and community resilience through repurposing decommissioned mines into underground pumped storage facilities*. Principal investigator, 2019-2020. \$49,963
- The State of Michigan.** *Independent Risk Analysis for the Straits Pipelines*. Section Lead, 2018. \$749,110
- Michigan Technological University (funded).** *Just and Reasonable? Study of Electricity Rates in Houghton County through the Lens of Energy Justice*. Supervisor, Summer Undergraduate Research Fellowship (SURF) – Faculty mentor for Michael Ryan. Summer 2017. \$4,000
- Norwegian Ministry of Foreign Affairs (funded).** *Indigenous Peoples and Resource Extraction in the Arctic – Evaluation of Ethical Guidelines*. Senior Research Staff Collaborative research, November 2013–October 2016. 7,300,000 NOK (\$1,030,000)
- Russian Ministry of Higher Education (funded).** *The Peoples of the North-East of the Russian Federation: Choosing a New Adaptive Strategy under Conditions of Globalisation / A Social-Anthropological Approach (perspectives of Yakutian and British researchers)*. Research Staff, Collaborative research, 2015. 366,000 GBP (\$585,600)
- Cambridge Trusts (funded).** *Environmental Risk Governance in the Arctic*. Individual research, September 2012–August 2015. 21,000 GBP (\$33,600)
- Vermont Department of Public Service (funded).** *Vermont's Energy Future: A Conceptual Map of Vermont's Energy Goals and Decision Makers*. Principal Investigator, Vermont Law School, IEE, July–October 2011. \$30,000

PUBLICATIONS**Books**Benjamin Sovacool, **Roman Sidortsov**, & Benjamin Jones, *Energy Security, Equality, and Justice*, Routledge (2014).**Refereed Articles**Sandra Cassotta, **Roman Sidortsov**, Christer Pursiainen, Michael Evan Goodsite, *Cyber Threats, Harsh Environment and the European High North (EHN) in a Human Security and Multi-Level Regulatory Global Dimension: Which Framework Applicable to Critical Infrastructures under "Exceptionally Critical Infrastructure Conditions" (ECIC)?*, *Beijing Law Review*, 10, pp. 317-360 (2019)

Roman Sidortsov, *Benefits over Risks: A Case Study of Government Support of Energy Development in the Russian North*, Energy Policy, Energy Policy, 129, pp. 132-138 (2019).

Sandra Cassotta & **Roman Sidortsov**, *Sustainable cybersecurity? Rethinking approaches to protecting energy infrastructure in the European High North*, Energy Research and Social Science, 51, pp. 129-133 (2019).

Roman Sidortsov & Elena Gavrilina, *When Foundation Matters: Overcoming Policy, Legal, and Regulatory Barriers to Oil and Gas Well Decommissioning in Russia*, Journal of World Energy Law & Business, jwy012, pp. 209–219
<https://doi.org/10.1093/jwelb/jwy012> (2018).

Roman Sidortsov, *At the Crossroads of Policy Ambitions and Political Reality: Reflections on the Prospects of LNG Development in Russia*, Oil, Gas & Energy Law Journal, Liquefied Natural Gas (LNG) Special Issue, pp. 1-16 (2017).

Cleyton Cavallaro, Joshua Pearce, & **Roman Sidortsov**, *Decarbonizing the boardroom? Aligning Electric Utility Executive Compensation with Climate Change Incentives*, Energy Research and Social Science, pp. 153-162 (2017).

Aparajita Banerjee, Emily Prehoda, **Roman Sidortsov**, & Chelsea Schelly, *Renewable, Ethical? Assessing the Energy Justice Potential of Renewable Electricity*, AIMS Energy, 5(5), pp. 767-797 (2017).

Roman Sidortsov, *A Perfect Moment during Imperfect Times: Arctic Energy Research in a Low-Carbon Era*, Energy Research and Social Science, Vol. 16, June 2016, pp. 1-7.

Roman Sidortsov, Aytalina Ivanova, & Florian Stammer, *Localizing Governance of Systemic Risks: A Case Study of the Power of Siberia Pipeline in Russia*, Energy Research and Social Science, Vol. 16, June 2016, pp. 54-68.

Benjamin Jones, Benjamin Sovacool, & **Roman Sidortsov**, *Making the Ethical and Philosophical Case for “Energy Justice,”* Environmental Ethics, 37 (2), pp. 145-168 (2015).

Roman Sidortsov, *The Myth of Liberalization: The 2013 Changes in the Russian LNG Export Regime*, Energy Law Journal, 35:2, pp. 323-343 (2014).

Roman Sidortsov, *Reinventing Rules for Environmental Risk Governance in the Energy Sector*, Energy Research & Social Science Vol. 1, pp. 171-182 (2014).

Michael Dworkin, **Roman Sidortsov**, & Benjamin K. Sovacool, *Rethinking the Scale, Structure & Scope of U.S. Energy Institutions*, Daedalus, Winter 2013, pp. 129-145.

Roman Sidortsov, *2013 Survey on Oil & Gas: Vermont*, Texas Wesleyan Law Review, pp. 613-621.

Roman Sidortsov, *Creating Arctic Carbon Lock-In: Case Study of New Oil Development in the South Kara Sea*, Carbon and Climate Law Review, 1/2012, pp. 3-12.

Roman Sidortsov, *Measuring Our Investment in the Carbon Status Quo: Case Study of the New Oil Development in the Russian Arctic*, Vermont Journal of Environmental Law, No. 13 Summer 2012, pp. 613–650.

Book Chapters

Roman Sidortsov, Raphael Heffron, & Chelsea Schelly, *In Search for Common Ground: Energy Justice Perspectives in Global Fossil Fuel Extraction*, A Research Agenda for Environmental Management, Edward Elgar (2019).

Jesse Abrams, Diana Cordoba, Hugh Gorman, Chelsea Schelly, & **Roman Sidortsov**, *Power within and beyond the state: how power relations shape environmental management*, A Research Agenda for Environmental Management, Edward Elgar (2019).

Amanda Kreuze, **Roman Sidortsov**, & Chelsea Schelly, *The Power of the Talking Points: Persuasive Power and the Challenges of Sustainable Natural Resource Development*, in *Environmental Policy and Pursuit of Sustainability*, pp. 124-136, Routledge (2018).

Roman Sidortsov, *The Russian Offshore Oil and Gas Regime: When Tight Control Means Less Order*, in *Governance of Offshore Hydrocarbon Activities in the Arctic*, pp. 127-176, Routledge (2017).

Roman Sidortsov, *Energy Justice*, in *Delivering Energy Policy in the E.U. and U.S.: A Multi-Disciplinary Reader*, Edinburgh University Press, pp. 377-381 (2016).

Roman Sidortsov & Benjamin Sovacool, *Why Legal Regimes and Institutional Frameworks Matter: State-Market Interrelations in the U.S. Onshore and Offshore Oil and Gas Sectors*, in *States and Markets in Hydrocarbon Sectors*, pp. 171-197, Palgrave (2015).

Benjamin Sovacool & **Roman Sidortsov**, *Global Energy Policy: A View from the US*, in *Handbook of Global Energy Policy*, pp. 435-456, Wiley-Blackwell (2013).

Other Publications

Roman Sidortsov, Chelsea Schelly, Mark Rouleau, John Baeten, & William Lytle, Section X: Broader Impacts, in *Independent Risk Analysis for the Straits Pipelines*, Final Report, September 15, 2018, pp. 338-381.

Roman Sidortsov & Benjamin Sovacool, *Left Out in the Cold: Energy Justice and Arctic Energy Research*, *Journal for Environmental Studies and Sciences*, September 2015, Vol. 5:3, pp. 302-307.

Betsy Baker & **Roman Sidortsov**, *The Legal and Regulatory Regime for Offshore Hydrocarbon Resources in the U.S. Arctic*, ABA-SEER (2014), available at:

http://www.americanbar.org/groups/environment_energy_resources/resources/energy_law_us_russia.html.

Roman Sidortsov, Book review, Keun-Wook Paik, *Sino Russian Oil and Gas Cooperation: The Reality and Implications*, Oxford Institute for Energy Studies, 2012, *Pacific Affairs*, Volume 86, No. 4, pp. 903-905 (2013).

Betsy Baker, Jay Eidsness, Elena Mihaly, Sophia Kruszewski, Sarah Mooney, **Roman Sidortsov**, Dennis Thurston, & Danielle Changala, *Arctic Offshore Oil and Gas*, in *AOR the Arctic Ocean Review*, PAME, the Arctic Council (2013) available at <https://oaarchive.arctic-council.org/bitstream/handle/11374/67/AOR%20Final%20report%202013.pdf?sequence=1&isAllowed=y>.

Roman Sidortsov, Ashley Mercer, & Kimberley Mullins, *Pope v. Speaker*, Huffington Post, (June 13, 2011), http://www.huffingtonpost.com/roman-sidortsov/pope-v-speaker_b_876053.html.

Roman Sidortsov, et al., Institute for Energy and Environment, Vermont Law School, *Vermont's Energy Future: A Conceptual Map of Vermont's Energy Goals and Decision Makers*, Public Review Draft, available at: <http://www.vtenergyplan.vermont.gov/sites/cep/files/> (2011).

Betsy Baker, Lisa Champion, Benjamin R. Jones, Catherine Peterson, **Roman Sidortsov**, & Zhen Zhang, *Arctic Offshore Oil and Gas Guidelines in Greenland and the Russian Federation* (prepared for the Inuit Circumpolar Council by Vermont Law School Institute for Energy and the Environment, Arctic Offshore Oil and Gas Guidelines White Paper No. 5, Feb. 2011, available at: http://www.vermontlaw.edu/Documents/IEE/20110215_IEEBakerWP5.pdf).

Roman Sidortsov, *Legal Issues Related to Internet Use in the Election Process* (Russian), 1 *Academic Journal* 18, March 2000.

Roman Sidortsov, *The History of the Development of Copyright Legislation in the Russian Federation*, Contemporary Issues of the Creation and Application of Law in Russia (Russian), 78-80 (Sergey Shishkin ed., Irkutsk State University School of Law 1998).

Roman Sidortsov, *The Influence of Protection of Intellectual Property Rights on Regional Economic Development*, Global Sustainable Regional Development, Summaries of Lectures (Russian), 156-158 (Irkutsk State University's Baikal Educational Center 1997).

Roman Sidortsov, *The Effect of the Infringement of Trademark Law on Regional Economics*, Global Sustainable Regional Development, Summaries of Lectures (Russian), 119-120 (Irkutsk State University's Baikal Educational Center 1996).

WORKS IN PROGRESS

Books

The Routledge Handbook of Energy Security, 2nd edition, **Roman Sidortsov** & Tony Reames, eds. (under contract).

Roman Sidortsov, *The Oil Standard: The Network Power of the Oil and Gas Sector* (provisional title, first draft completed, publisher selected).

Refereed Articles

Hongmei Lu & **Roman Sidortsov**, *Sorting out a problem: Co-production as a policy tool for household waste management in Shanghai*, in review, Waste Management (in review).

Roman Sidortsov, *E.U. and Russia in the Arctic: The Power of World's Largest Energy Market*, (forthcoming in 2019).

Roman Sidortsov & Corey Katz, *Balancing the Power of the Energy Sector: Foundational Approach to Procedural Energy Justice* (forthcoming in 2019).

Mia Landauer, Florian Stammer, Nadejda Komendantova, **Roman Sidortsov** & Aytalina Ivanova, *Reindeer Herders' Views on Participatory Governance of Infrastructure Development in Russia and Finland* (forthcoming in 2019).

Other Publications

Natalya Novikova, **Roman Sidortsov**, & Florian Stammer, Árran Lule Sámi Centre, *Policy brief: Legal Framework for Extractive Industries and Indigenous Peoples in the Russian North*, the Indigenous Peoples and Resource Extraction in the Arctic – Evaluation of Ethical Guidelines project funded by the Norwegian Ministry of Foreign Affairs (forthcoming in 2019).

Natalya Novikova, **Roman Sidortsov**, & Florian Stammer, Árran Lule Sámi Centre, *Policy brief: Customary Norms and Mutual Obligations in the Russian North*, the Indigenous Peoples and Resource Extraction in the Arctic – Evaluation of Ethical Guidelines project funded by the Norwegian Ministry of Foreign Affairs (forthcoming in 2019).

Roman Sidortsov, Árran Lule Sámi Centre, *Policy brief: Risk Governance in Extractive Policymaking*, the Indigenous Peoples and Resource Extraction in the Arctic – Evaluation of Ethical Guidelines project funded by the Norwegian Ministry of Foreign Affairs (forthcoming in 2019).

TEACHING AND RESEARCH EXPERIENCE

Aug. 2016-Present

Assistant Professor of Energy Policy

Michigan Technological University, Houghton, MI

- Rated “excellent teacher” in every course taught based on student evaluations
- 2018 Dean's Teaching Showcase award for excellence in teaching
- 2018 Jackson Center Instructional Award for Large Class Teaching (\$1000)
- Develop and teach Energy Policy and Technology (SS3800), Energy Policy and Technology (SS3800 – online), Seminar in Energy & Climate Policy (SS6100), Energy Security and Justice (SS3811), Energy Transitions (SS3990), and Renewable Energy and Alternative Fuels (SS4390)
- Teach Environment and the Society (SS2300) and (Global Issues (UN1025), Directed Reading (SS6500)
- PhD and Master’s Committee member for Emily Prehoda
- PhD advisor for Bethel Takeregne, Adewale Adesanya (shared), and Kathleen Brosemer
- Master’s degree advisor for Mike Ryan and Azat Turegeldin
- Facilitated departmental guest speaker series in 2016/2017
- Conduct research in the area of energy and environmental law and policy, energy geopolitics, energy justice,
- Frequent guest lecturer in a variety of energy and environment-related courses
- Contribute to community-based projects
- Developed, contributed to, and submitted 10 funding applications (including 2 international and 7 external applications)
- Member of departmental and interdepartmental hiring, curriculum and graduate committees
- Member of the Tech Forward Water, Natural Resources, and Energy Initiative

Feb. 2019- Present

Associate Fellow

University of Sussex, Science Policy Research Unit

June 2011-Aug. 2016

Teaching and Development Faculty

Vermont Law School, Distance Learning and Summer Programs

Based in Cambridge, UK and in South Royalton, VT

- Developed and regularly taught Oil and Gas Development and the Environment, and Renewable Energy and Alternative Fuels for the distance learning program
- Co-developed Adaptation to Climate Change course
- Supervised and mentored faculty members who teach energy courses
- Developed Energy Law and Policy curriculum for the Vermont Law School distance learning program
- Taught Oil and Gas Production and the Environment course during summer 2013 term

June 2011-Dec. 2017

Senior Global Energy Fellow

Vermont Law School, The Institute for Energy and the Environment (IEE)

Based in Cambridge, UK and South Royalton, VT

Lead or participated in the following research projects (as a research associate and fellow):

- *Arctic Ocean Review Project Phase II* (contributed to a chapter on Arctic oil and gas)
- *The Arctic Offshore Oil and Gas Guidelines in Greenland and the Russian Federation* (contributed to the white paper for the Inuit Circumpolar Council, co-authored the section on Russian offshore oil and gas legal regime)
- *Scientific Access to the Arctic* (contributed to the white paper and conference presentation)
- *Trade Associations and the Politics of Environmental Protection* (co-authoring the upcoming publication)
- *The Role of Export Credit Agencies in International Financing of Coal-Powered Electrical Generation* (co-authoring the upcoming publication)

- *Vermont Energy Plan, A Conceptual Map of Vermont's Energy Goals and Decision Makers* (project leader, co-authored a report)
- Conducted research on various topics including Vermont and federal energy law and policy, international and comparative climate change controls, Russia's climate and energy policy, international financing of fossil fuel infrastructure, and unconventional gas development
- Supervised research associates
- Collaborated and liaised with partner educational and research institutions and government agencies
- Represented IEE at conferences, seminars, and other events

Nov. 2013-Nov. 2016 **Team Researcher**
Árran Lule Sámi Centre
Drag, Norway, based in Cambridge, UK

Participate in the following activities in connection with the project entitled "Indigenous Peoples and Resource Extraction in the Arctic – Evaluation of Ethical Guidelines" (the "Project") sponsored by the Norwegian Ministry of Foreign Affairs:

- Legal and policy analysis of international guidelines and domestic legislation that govern activities of the extractive sector in the Norwegian, Swedish, and Russian Arctic
- Promote the Project at conferences, seminars, and other events
- Participate in the organization and delivery of workshops, seminars, and lectures
- Contribute to Project publications

Dec. 2010-May 2012 **Adjunct Professor**
Marlboro College Graduate School, Brattleboro, VT

Co-developed and co-taught Law, Formal Regulation and Civil Governance course to MBA students

Spring 2008, **Vermont Law School**
Fall 2010 & 2011 **South Royalton, VT**

- Professor James Gustave Speth, New Frontiers of Environmental Policy (Fall 2011)
- Professor Mark Latham, Environmental Issues in Business Transactions (Fall 2010)
- Professor Tamara Strauss, Legal Writing II (Spring 2008)
- Taught Administrative Law to second-year law students
- Taught History of Foreign Legal Systems to fourth-year law students

1999-2000 **Assistant Professor**
Baikal State University of Economics and Law
(formerly Irkutsk State Academy of Economics and Law)
Irkutsk, Russia

PRESENTATIONS, LECTURES, SEMINARS, & WORKSHOPS

Conference Presentations

"Power Barriers to the Energy Transition" roundtable organizer and speaker, 25th International Symposium on Society and Resource Management (ISSRM), Oshkosh, Wisconsin, June 2 - 6, 2019.

"Introduction to the Independent Risk Analysis of the Straights Pipelines" and *"Energy Justice and Social License to Operate"* panel speaker, 25th International Symposium on Society and Resource Management (ISSRM), Oshkosh, Wisconsin, June 2 - 6, 2019.

“*Arctic Energy Justice: A Case Against Stranded Assets*” panel co-organizer and speaker, Arctic Circle Assembly, Reykjavik, Iceland, October 19, 2018.

“*Balancing the Power of the Oil Standard: Procedural Energy Justice of Hydrocarbon Development in the Arctic*” panel co-organizer and speaker, Royal Geographic Society Conference, Cardiff, Wales, United Kingdom, August 28-31, 2018.

“*Energy Impacts: Geographic dimensions of energy justice*” panel organizer and speaker, 24th International Symposium on Society and Resource Management (ISSRM), Salt Lake City, Utah, June 17-21, 2018.

“*Optimism for Environmental Careers*” (invited), panelist, Student Forum at the 24th International Symposium on Society and Resource Management (ISSRM), Salt Lake City, Utah, June 17-21, 2018.

“*Procedural Energy Justice as an Ethical Component of Energy Transition*” (invited), Just Transition Initiative Conference, Edinburgh, Scotland, March 1-2, 2018.

“*Views on An Academic Career*” (invited), panelist, Just Transition Initiative Conference, Edinburgh, Scotland, March 1-2, 2018.

“*Law & Community Impacts of Oil & Gas Development: the Energy Justice Approach*” (invited, plenary), The Energy Impacts Symposium, Columbus, Ohio, July 26-27, 2017.

“*Participation without Governance or Governance without Participation? The case of the Russian Risk Policy, Legal, and Regulatory Regime*,” (invited, session co-organizer), IX International Congress of Arctic Social Sciences, Umea, Sweden, June 8-12, 2017.

“*NATO Northern Flank Security Challenges: The Russian Perspective*” (invited), U.S. European Command, Supreme Headquarters Allied Powers Europe, and Norwegian Ministry of Defense, International Legal Conference (2017) “*Legal Challenges of Emerging European Security Threats*”, Oslo, Norway, 8-9 May 2017.

“*Where Do We Begin? The Socio-Legal Aspect of Environmental Risk Governance of the Energy Sector in the Arctic Region*”, The Arctic University of Norway, Tromso, Arctic Frontiers International Conference, January 2016.

“*Time for a Change: Energy Justice and Energy Decision-Making in the Arctic*” (invited) University College London, Arctic Change Workshop, October 2015.

“*Implications of Arctic Energy Development for the EU Energy Union: A United Front on the Energy Frontier?*” (invited) Oxford University, University College, 1st Annual 2015 Conference of the UK Energy Law and Policy Association, September 2015.

“*Reframing Arctic Oil and Gas Risk: From Technical Risk Analysis to Inclusive Risk Governance*,” University of Vermont, Reframing the Arctic: Cooperation, Not Conflict Workshop, July 2015.

“*Different Legal Systems, Divergent Results: Offshore and Unconventional Oil and Gas in the United States*,” Jesus College, University of Cambridge, Annual Conference of the Cambridge University Energy Network “*GAS - An (Un)Conventional Pathway towards our Energy Future?*,” Poster Presentation, June 2014.

“*Before Taking the Plunge: Oil, Polar Bears, Risk, and Power*,” Churchill College, Cambridge, Conference on Everything, April 2014.

“*Arctic Oil & Gas and Energy Subsidies: Current Trends and Implications*” (invited), University of Cambridge, Trinity Hall, Subsidies in the UK Energy Sector until 2020 International Energy Policy Conference, February 2014.

“*How to Govern Risk in the Barents Sea: Deciphering Structural Challenges to Harmonization*,” The Arctic University of Norway, Tromso, Arctic Frontiers International Conference, January 2014.

“Development of Offshore Mineral Resources in the U.S. Arctic: Challenges, Gaps, and Opportunities for the Legal and Regulatory Regime” (invited), Arctic Dialogue Conference, University of Nordland, Bodø, Norway, March 2013.

“Environmental Risk Governance of Offshore Oil and Gas Activities in the Arctic: Assessing Institutional and Organizational Capacity under the Russian and Norwegian Legal and Regulatory Regimes,” Roundtable Event on “Energy and Institutions,” Centre for East European Language-Based Area Studies (CEELBAS), University College London, London, March 2013.

“The Legal and Regulatory Regime for Offshore Mineral Resources in the U.S. Arctic” (invited), U.S.-Russia Bilateral Presidential Commission Energy Working Group, Round Table: Energy Law in XXI: Views from the U.S. and Russia, International Energy Week, Moscow, Russia, October 2012.

“The Role of State (Regional) Public Utility Commissions in the Regulation of Nuclear Energy” (invited), International Legal Workshop “Modernizing Regions with Nuclear Power: Consideration of Environmental Issues in the Changing Legal Framework,” Chelyabinsk, Russia, October 2011.

“Alternatives to Nuclear Power from the Investment Perspective,” International Legal Workshop “Modernizing Regions with Nuclear Power: Consideration of Environmental Issues in the Changing Legal Framework” (invited), Chelyabinsk, Russia, October 2011.

“Measuring Our Investment in the Carbon Status Quo,” Colloquium on Environmental Scholarship, Vermont Law School, September 2011.

“Legal Issues Related to Internet Usage in the Election Process,” The Application of International Experience in the Development of Civil Society in the Russian Federation International Conference, Omsk, Russia, July 2000.

“The Influence of Protection of Intellectual Property Rights on Regional Economic Development,” Baikal International Student Forum: Global Sustainable Regional Development, Irkutsk, Russia, July 1997.

“The Effect of the Infringement of Trademark Law on Regional Economics,” Baikal International Student Forum: Global Sustainable Regional Development, Irkutsk, Russia, July 1996.

Lectures

“Arctic energy and the laws that govern it: a circumpolar overview,” Arctic Summer College, July 2018.

“From Russia with What? Thoughts on the Future of U.S. – Russia Relationships,” Michigan Technological University, Social Science Speaker Series, January 2017.

“Arctic Oil & Gas and Energy Subsidies for Yamal LNG and Prirazlomnoe Projects,” University of St. Andrews MSc in Sustainable Development, Scotland, November 2015.

“Arctic Energy Development: Lessons, Implications, and the Future,” the Department of Business Development and Technology, Aarhus University, Denmark, October 2015.

“From Technical Standards to Environmental Assessments: Risk Governance of the Energy Sector under the Russian and Norwegian Policy, Legal, and Regulatory Regimes,” Arctic seminar series, the Arctic Center with IntraLaw group, Aarhus University, Denmark, October 2015.

“The Benefits of Being a Good Neighbor: Indigenous Rights and Oil and Gas Development in the Arctic,” University of Nordland, Bodø, Norway, Guest Lecture for the Rosneft Executive MBA Program, May 2014 (in Russian).

“Prudhoe Bay, Snovit, and Prirazlomnoe: Practical Aspect of Comparative Energy Law,” Moscow State University School of Law, February 2014 (in Russian).

“Avoiding Arctic Carbon Lock-in: Stranded Assets and Broken Communities in the Last Energy Frontier,” University of Cambridge, seminar for the Cambridge Zero Carbon Society, November 2013.

“Arctic Oil and Gas and Environmental Risk Pre-Assessment: Why Legal and Regulatory Regimes Matter,” University of Cambridge, presentation for the Cambridge Zero Carbon Society, October 2013.

“HSE Regulations in Canada, Greenland, Norway, Russia and the United States,” for Statoil-Det Norske Veritas (DNV) in-house workshop *Arctic Competence Escalator, Safe Arctic Operations,* Oslo, Norway, September 2013 (with Betsy Baker).

“International and Comparative Approaches to Regulating Offshore Hydrocarbon Activity,” Department of the Interior: James Watson, Director, Bureau of Safety, Environment and Enforcement (BSEE) and Staff; and Walter Cruickshank, Deputy Director, Bureau of Ocean Energy Management (BOEM) and Staff, Washington, D.C., March 2012 (with Betsy Baker).

WORKSHOPS, SEMINARS & OTHER PROFESSIONAL OUTREACH

Pumped Underground Storage Hydro (PUSH): Liabilities into Assets, presentation for Michigan legislators, Great Lakes Research Center, Michigan Technological University, Houghton, MI, April 26, 2019 (with Timothy Scarlett).

Liabilities into Assets: Enhancing Electrical Grid and Community Resilience through Repurposing Decommissioned Mines, Plugging into Storage Summit, Lansing, MI, March 25, 2019 (with Timothy Scarlett).

“Energy Justice & Stranded Assets: Ethics Arguments on Behalf of Future Generations” invited speaker, 2018 Workshop on Permafrost Coastal Erosion Research Coordination Network, University of Fairbanks, Alaska, 11-12 October.

“Risk, Power, and Energy Justice in the Arctic” invited speaker, Constructing Justice: Environment, Society & Territory of the Arctic workshop, Institute for Russian & Eurasian Studies, Uppsala University, August 23 – 24, 2018.

“Broader Impacts of the Independent Risk Assessment” invited presenter, Department of Environmental Quality public hearing, Harbor Springs, Michigan, August 14, 2018.

“Tribal concerns and Broader Impacts in the Independent Risk Assessment” invited presenter, The United Tribes of Michigan meeting, Petoskey, Michigan, May 31, 2018.

“Energy Policy for a Carbon Constrained World: A Geopolitical Outlook.” Developed a two-hour workshop designed for continuing education students. Presented at Dartmouth College in April 2012.

“Copyright and the Internet.” Developed three-hour multimedia training session designed for web-masters, web-designers, and researchers. Presented as part of the U.S. Department of State’s “Internet Access and Training Program” in Irkutsk (Irkutsk State University), Magadan (Northern State University), Vladivostok (Far Eastern State Technical University), Khabarovsk (Far Eastern Academy of Law and Economics), Omsk (Omsk State University), and Tomsk (Tomsk State University) during 2000.

“Elections and the Internet.” Developed three-hour multimedia training session designed for law students, researchers, and members of governmental election committees. Presented as part of the U.S. Department of State’s “Internet Access and Training Program” in Irkutsk (Irkutsk State Economic Academy School of Law and Irkutsk State University) and Tomsk (Tomsk State University) during 2000.

PROFESSIONAL MEMBERSHIPS & ACTIVITIES

Bar Admissions

Vermont (2009)

Editorial Activities

- Associate Editor, Energy Research and Social Science, January 2018–present
- Editorial Board member, Energy Research and Social Science, September 2013–January 2018
- Special Issue Editor, Arctic Energy: Views from the Social Sciences (Vol. 16, 2016), Energy Research and Social Science
- Editor, Vermont Journal of Environmental Law, August 2007–May 2008

Peer-Reviewer for:

- Energy Research and Social Science
- Applied Energy
- Energy Policy
- Polar Record
- The Yearbook of Polar Law (Brill journal)
- Routledge
- Edward Edgar
- Risk, Hazards & Crisis in Public Policy
- International Institute for Sustainable Development, Government Support to Upstream Oil & Gas in Russia How Subsidies Influence the Yamal LNG and Prirazlomnoe Projects (2014)
- Overseas Development Institute, Exploration Subsidies in Russia (2014)
- Norwegian Institute of International Affairs' PRIX Index on Politics and Oil Exports (country analyst)
- The Netherlands Organisation for Scientific Research
- Mitacs Accelerate (Canada)

OTHER PROFESSIONAL MEMBERSHIPS

- NSF Research Coordination Network, Permafrost Coastal Erosion
- Extractive Industries Working Group, Arctic Centre, University of Lapland, Finland
- U.S.-Russia Bilateral Presidential Commission's Energy Scholarship Working Group (2012-2013)
- Global Stranded Assets Research Network, Smith School of Enterprise and the Environment, University of Oxford (2013-2016)

OTHER PROFESSIONAL EXPERIENCE

Aug. 2008-Aug. 2010 **Associate Attorney**
Gravel and Shea, Burlington, VT

Case and Project Management

- Served as an associate attorney in the firm's corporate, real estate, and energy practice groups
- Researched various tax, permitting, and financing issues regarding alternative energy development
- Drafted and reviewed legal documents in connection with entity formation, financing, mergers and acquisitions, international environmental permitting, real property conveyances, and residential and commercial development
- Conducted legal research and prepared memoranda and reports to partners and clients on issues ranging from state and federal renewable energy incentives to partnership and corporate tax

Organizational Development

- Assisted in developing firm's energy practice
- Collaborated with the Berkman Center for Internet and Society on design and content of the virtual company software management program
- Contributed to updates for firm website

Mar. 2004-July 2006 **Foreign Attorney/Law Clerk**
Little Global, Phoenix, AZ

Case and Project Management

- Conducted legal, cultural, and economic analysis of issues related to corporate migration in Eastern Europe, Turkey, Kenya, Jamaica, Israel, Brazil, and Denmark
- Responsible for management of business immigration cases in Eastern Europe, Turkey, Israel, Denmark, Canada, and Brazil
- Supervised paralegal and law clerk teams on immigration audit and knowledge management projects

Organizational and Client Development

- Designed and developed knowledge management database architecture for the firm's global practice
- Played lead role in designing and implementing process improvement tools for the firm's global immigration practice
- Aided in developing comprehensive proposals and other marketing materials for prospective and existing clients
- Served as firm's liaison with corporate clients on information and case management matters
- Created immigration process and compliance matrixes for leading high-tech companies and other clients

Training and Public Relations

- Designed structure and layout of country migration summaries for firm website
- Created, edited and contributed to country migration summaries for firm website and to updates for firm e-newsletter
- Conducted database and case management computer platform trainings for clients, firm affiliates, and personnel
- Coached firm employees on various aspects of information and knowledge management, immigration database, and case management software

2001-2004 **Paralegal**
Meckler, Bulger, & Tilson, Chicago, IL

- Responsible for organization and management of document review and production in mass product liability, environmental tort, and toxic tort actions
- Researched various legal and socio-economic issues in mass product liability, environmental tort, and toxic tort claims
- Developed timesaving computer databases, charts, and allocation runs for complicated insurance litigation cases
- Customized and managed litigation databases as well as various web-based document repositories
- Reviewed and assembled documents for various stages of litigation

1999-2001 **Attorney/Project Coordinator**
Project Harmony, Inc.
Waitsfield, VT, based in Moscow and Irkutsk, Russia

- Represented Project Harmony before Russian and American government agencies, including the U.S. Embassy, the Tax Inspectorate of the Russian Federation, and the Russian Ministry of Economics
- Coordinated communication, public relations and negotiations with partner institutions and government officials for the U.S. State Department's "Internet Access and Training Program" in the Siberian and Far East regions of Russia
- Created online database of civil and labor contracts and other legal documents for nine offices and fifty-five Open Internet Access Sites throughout Russia
- Developed documentation system that allowed partner organizations to obtain tax-free status, resulting in overall tax savings equal to 20% of the budget
- Consulted on Russian labor, civil, administrative, and tax law matters
- Administered training sessions on legal matters for program partners and Project Harmony employees
- Drafted civil and labor contracts and other legal documents
- Aided senior attorneys with pre-trial work, including evidence collection

1996-97, 1998-99 **Law Clerk**
Minnikes, Irkutsk, Russia

VOLUNTEER WORK

2002-2004 **Volunteer Journalist**
Sovetskij Sport Daily Newspaper
Moscow, Russia, based in Chicago, IL

- Drafted NHL game reports, focusing primarily on the Chicago Blackhawks franchise, for Russian national sports newspaper
- Interviewed NHL players and coaches

1996-97, 1998-99 **Program Director**
Lex Legal Clinic, Irkutsk, Russia

- Designed and drafted grant proposals for programs providing free legal services to the public and not-for-profit organizations
- Provided legal consultations on labor, contract, and civil law matters
- Acted as a liaison between the clinic and sponsoring agencies, including foreign foundations

Nov.-Dec. 1996 **Head of Election Monitoring Group**
Governor's Elections in the Ust-Ordynski National District
Irkutsk, Russia

- Monitored ballot collection and vote counting process
- Recruited, instructed, and supervised volunteer staff

Apr.-June 1996 **Head of Volunteer Staff**
Election Campaign for Irkutsk City Council
Irkutsk, Russia

- Managed candidate's volunteer staff
- Organized candidate's meetings with voters
- Represented candidate before federal, state, and municipal agencies

LANGUAGE SKILLS

Native Russian, fluent in English, literate in Ukrainian