

# Jennifer F. Sklarew, PhD

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## EDUCATION

**2015** **Ph.D.**, Public Policy  
George Mason University, School of Policy, Government and International Affairs

**Dissertation:** Shock to the System: How Catastrophic Events and Institutional Relationships Impact Japanese Energy Policymaking, Resilience, and Innovation. Examines how conflict and cooperation between Japanese energy policy stakeholders combine with clout to influence energy policymaking after catastrophic events.

**1997** **M.A.**, with distinction, Japan Studies and International Economics,  
Johns Hopkins University, Nitze School of Advanced International Studies (SAIS)

**1992** **B.A.**, *magna cum laude*, English, minor/East Asian Studies, University of Pennsylvania

## GRANTS, HONORS AND AWARDS

**2021** **Provost Curriculum Impact Grant** (\$33,000), George Mason University: Lead PI, Engaging Locally with Food, Energy, Water and Climate Global Goals: Adding Experiential Learning to the Energy and Sustainability Policy and Science MS Concentration. Leading multidisciplinary team from Environmental Science and Policy, Atmospheric, Oceanic and Earth Sciences, Geography and Geoinformation Science, Nutrition and Food Studies, and Civil, Environmental, and Infrastructure Engineering.

**2021** **OSCAR Mentoring Excellence Award**, George Mason University

**2020** **OSCAR Summer Team Impact Grant** (\$57,780), George Mason University: Lead PI, FEWS: Food-Energy-Water Solutions for Rural, Low Income Communities: funded three faculty, nine undergraduates, and two graduate students to collect data for food, energy and water needs assessments and development of proposed small electricity and water systems for a rural agricultural community in Virginia. Organized three student teams and led the environmental science and policy team, whose presentation won the favorite presentation award at the OSCAR Summer Research Celebration.

**2020** **Career Influencer**, George Mason University: Nominated as career influencer in spring 2020 Career Connection Faculty Survey

**2019** **Adjunct Faculty Teaching Excellence Award**, George Mason University.

**2016-2021 OSCAR Undergraduate Research Scholars Program, George Mason University:**

Mentor, undergraduate research projects:

- Elizabeth Fortson. “Comparing the Viability of Sub-Saharan African Communities for a Food-Energy-Water-Nexus Project.” Summer 2021.
- Moravitz, Nathan. “Ecological Impact of Low Head Pico-Hydro Turbines on Urbanized Streams.” Fall 2019.
- Bates, Owen. “Assessing the Most Efficient, Cost-Effective Hydropower Micro-turbine Design to Charge Cell Phones on Mason's Fairfax Campus.” Summer 2019.
- Bates, Owen. “Assessing the Best Hydropower Micro-turbine Design for Maximum Electricity Output on Mason's Fairfax Campus.” Spring 2019.
- Guide, Isabel. “Analyzing Hydroelectric Micro-turbine Deployment for Energy and Water Resilience: Haiti as a Candidate.” Summer 2018.
- Rowan, Alyssa. “Engagement of the International Community on Bangladesh’s Energy Transformation.” Spring 2017.

**2017 Patriot Green Fund Grant (\$17,860), George Mason University:** Lead PI, funded materials for multidisciplinary faculty-student team’s design, construction, deployment and analysis of data from hydropower-micro-turbines on Mason’s Fairfax campus.

**2016 College of Science Multidisciplinary Initiatives Seed Grant (\$10,000), George Mason University:** Lead PI, funded two complementary assessments of hydropower micro-turbine deployment challenges:

- Study evaluating geographical, ecological, technical and institutional challenges facing micro-turbine installation, operation, and maintenance, as well as applications for storm water management and electricity generation.
- Deployment of water quantity and speed sensors on Mason’s Fairfax campus to calculate water flow needed to generate electricity for small-scale applications for use on Mason campus and a future pilot in India or Ghana.

**2015 Dissertation Completion Grant (\$8,000), George Mason University, Office of the Provost**

**2012-2013 Fulbright-Hays Doctoral Dissertation Research Abroad (DDRA) Award:**

Funded Japan-based data collection for doctoral dissertation research (\$59,000):

- Conducted 80 interviews of government officials, electric utility executives, NGO leaders, and academics in Japan
- Analyzed four decades of public opinion polls and government policy documents.

**2003-2005 Maureen and Mike Mansfield Fellowship, Washington, DC and Tokyo:**

- Collaborated with Japanese government officials on domestic and international economic and trade policies, including Japan-Middle East energy relations, East Asian economic integration, and relations with China.

- Stationed in multiple Japanese Government agencies: Ministry of Economy, Trade and Industry (METI); Foreign Ministry (MOFA); Prime Minister's Cabinet Office; Office of Parliamentary Lower House Member Taro Kono.

**1996- Department of Education Foreign Language Area Studies (FLAS) Fellowship**  
**1997** (Japanese)

**1994 U.S.-Japan Culture Center national Japanese speech contest, third place**

**1992 *Phi Beta Kappa* and Benjamin Franklin Scholar, University of Pennsylvania**

### **PROFESSIONAL EXPERIENCE: Teaching and Course/Curriculum Development**

**ASSISTANT PROFESSOR, GEORGE MASON UNIVERSITY** August 2019-present  
**Department of Environmental Science and Policy, College of Science** Fairfax, VA

- Instructor and creator: Teach and update two undergraduate and graduate courses I designed: Energy Policy (EVPP432, 505/533), and Food-Energy-Water Nexus (EVPP 490/434, 505/534).
- Energy and Sustainability Policy and Science MS Concentration Developer and Coordinator: developed new concentration for the department's MS program; recruited students; oversee and enhance curriculum to meet students' career goals. Serve as lead PI for interdisciplinary team's Curriculum Impact Grant proposal to add experiential learning to concentration curriculum.

**ADJUNCT PROFESSOR, GEORGE MASON UNIVERSITY** January 2016-August 2019  
**Department of Environmental Science and Policy, College of Science** Fairfax, VA

- Instructor and creator, EVPP432 and 505/533, Energy Policy: designed course syllabus for semester-long undergraduate and graduate course on energy policy, including theoretical framework, learning objectives and grading rubric. Course design includes comparative case studies of Japan, the U.S., India and China, as well as research project on energy policymaking.
- Instructor and creator, EVPP 490/505, Food-Energy-Water Nexus: designed course syllabus for semester-long undergraduate and graduate course on the food-energy-water nexus, including theoretical framework, learning objectives and grading rubric. Course design includes transdisciplinary focus on technological, ecological, economic and institutional aspects of nexus challenges and solutions, as well as empirical semester project.
- Instructor, EVPP 480, Sustainability in Action (spring 2019): taught section of 4-credit capstone course for Environmental Science and Policy Sustainability Minor. Guided three student team projects on energy, clean water and sanitation, and sustainable cities.

**VISITING ASSOCIATE PROFESSOR** November-December 2016  
**AKITA INTERNATIONAL UNIVERSITY** Akita, Japan  
 Designed and taught intensive one-week course (15 hours) on energy policymaking to graduate and undergraduate students in Global Affairs program. Employed case studies of Japan, the United States, China, India, South Korea and Germany.

**GRADUATE TEACHING ASSISTANT  
GEORGE MASON UNIVERSITY  
Schar School of Policy & Government**

August -December 2014  
August 2013-December 2013  
Arlington, VA

Teaching assistant for PUBP710, Climate Change Politics and Policy: developed lesson plans and learning objectives; presented lectures and led discussions on political choices for energy systems, nuclear power opportunities and risks, climate change economics, and Japanese nuclear politics and policy; provided guidance and feedback on energy technology projects.

**ADJUNCT FACULTY, GEORGE MASON UNIVERSITY  
Department of Environmental Science and Policy, College of Science**

January 2014-May 2014  
Fairfax, VA

Instructor for EVPP432, Energy Policy: redesigned course syllabus for semester-long course on energy policy, including learning objectives and grading rubric; served as course instructor for nine undergraduate students; advised students on coursework and career plans.

**PROFESSIONAL EXPERIENCE: Research, Policymaking and Policy Analysis**

**SENIOR FELLOW FOR ENERGY POLICY**

October 2015-May 2017

**Center for Energy Science and Policy, George Mason University**

Arlington, VA

Led collaboration with scholars in Mason's Schar School of Policy and Government, the College of Science, and the Volgenau School of Engineering to produce externally funded research projects, publications and events focused on local, national and international energy and environmental policy challenges and transitions.

**RESEARCH ASSISTANT/ELECTRICITY SECTOR EXPERT  
School of Public Policy, George Mason University**

August 2009-May 2012  
Arlington, VA

Electricity sector expert for Federal Emergency Management Agency (FEMA) grant applying enterprise risk management to U.S. electricity infrastructure protection: developed and delivered oral and written presentations on government and private sector policies and actions on U.S. electricity infrastructure; contributed to team presentation on enterprise risk management theory and toolkit for electricity industry executives.

**INTERNATIONAL TRADE SPECIALIST, OFFICE OF JAPAN**

July 2000-July 2008

**U.S. Department of Commerce (DOC), International Trade Administration**

Washington, DC

- Represented DOC in the U.S.-Japan Subcabinet Energy Security Working Group.
- Led DOC's project development to promote U.S.-Japan cooperation on engaging China and India in the Asia Pacific Partnership for Clean Development and Climate (APP).
- Represented DOC in bilateral government talks on electricity and gas deregulation, structural deregulation, and whaling.

**DIRECTOR, JAPAN AFFAIRS**

June 1999-July 2000

**ASSOCIATE FOR RESEARCH AND PUBLICATIONS**

July 1997-June 1999

**Washington Policy and Analysis, Inc.**

Washington, DC

- Served as *rappporteur* for Council on Foreign Relations (CFR) Energy Security Group.

- Wrote and edited Congressional testimony and articles for publication on energy security, nuclear power, and climate change.
- Authored reports on energy, environmental security, and trade issues.
- Developed U.S.-Japan energy seminars for officials, academics, and electric utility executives.

**INTERN, EDITORS' OFFICE**

June-August 1996

**Iwate Daily Newspaper**

Morioka, Japan

Conducted interviews and authored weekly column in Japanese on current U.S.-Japan issues, including energy policy, disaster prevention, and national security.

**POLICY ANALYST**

March 1993-August 1995

**Japan Nuclear Fuel Cycle Development Institute (JNC)**

Washington, DC

Researched and analyzed U.S. policies on energy-related environmental issues, nuclear reactor technology and policies, and non-proliferation; translated Japanese nuclear energy policy documents into English.

**PUBLICATIONS AND PRESENTATIONS**

**PEER-REVIEWED BOOK CHAPTERS AND JOURNAL ARTICLES**

Sklarew, Jennifer. 2021. "Flint and the Impact of Institutional Relationships on Policy Change during Focusing Events." In *Managing Challenges for the Flint Water Crisis*. Tonya Neaves, Drew Williams, Katie Simon, and Jennifer Sklarew, Eds. Westphalia Press.

McCord, Gordon, David Kanter, Jennifer Sklarew, Grace Wu, and Michael Jacobson. 2020. "Accelerating Sustainable Land Use Practices in the U.S.," in *America's Zero Carbon Action Plan: Roadmap to Achieving Net Zero Emissions by 2050*, 262-281. New York: SDSN.

Sklarew D. and J. Sklarew. 2018. Integrated water-energy policy for sustainable development. *Foresight and STI Governance* 12(4): 10-19. doi: [10.17323/2500-2597.2018.4.10.19](https://doi.org/10.17323/2500-2597.2018.4.10.19)

Sklarew, Jennifer. 2018. "Power Fluctuations: How Japan's Nuclear Infrastructure Priorities Influence Electric Utilities' Clout." *Energy Research and Social Science*, Volume 41. July: 158-167.

Sklarew, Jennifer. 2012. "Our Domestic Challenges as Opportunities for U.S.-Japan Innovation and Collaboration." In *Crafting a Contemporary U.S.-Japan Vision: Mansfield Foundation Task Force on U.S.-Japan Shared Progress and Prosperity*. Washington, DC. Maureen and Mike Mansfield Foundation: 49-51.

Sklarew, Jennifer F. 2012. Book Review of *The Post Carbon Reader: Managing the 21st Century's Sustainability Crisis*, edited by Richard Heinberg and Daniel Lerch (Watershed Media, 2010). *Journal of Planning Education and Research*, Vol. 32, No.3. Association of Collegiate Schools of Planning, Fall: 370-372.

Sklarew, Jennifer F. 2011. "Can China and India Serve as Models for Developing Nations Striving to Build Absorption Capacity for Renewable Energy Technologies?" *Renewable Energy Law and Policy Journal*. Berlin: Lexxion, March: 181-194.

Sklarew, Jennifer F. 2008. "The Role of 'Anshin' in U.S.-Japan Relations." In *U.S.-Japan Relations as Portrayed by a Hundred People: Japan Commerce Association of Washington, DC 20<sup>th</sup> Anniversary Issue*. Washington, DC: Japan Commerce Association of Washington, DC, Inc.: 119-121.

## **OTHER BOOK CHAPTERS AND JOURNAL ARTICLES**

Sklarew, Jennifer, and Dann Sklarew. 2017. "Empowering Resilience in Energy and Water Systems: Addressing Barriers to Implementation of Urban Hydroelectric Micro-turbines." In *The CIP Report, July 2017*. Center for Infrastructure Protection & Homeland Security, George Mason University.

Sklarew, Jennifer. 2016. "Cyber Security of Energy Systems: Institutional Challenges." In *The CIP Report, June 2016*. Center for Infrastructure Protection & Homeland Security, George Mason University.

Friedman, Jennifer. 1997. "Energy, Environment, Science, Technology, and Health." In *The United States and Japan in 1997: The Partnership Still Matters*. Washington, DC: Nitze School of Advanced International Studies of Johns Hopkins University: 89-103.

## **COMMENTARY AND NEWSPAPER COLUMNS**

Aldrich, Daniel, James Platte, and Jennifer Sklarew. "Despite meltdowns, a tsunami and public opposition, Japan may soon restart a nuclear power plant — or several," *The Washington Post*, July 20, 2015, <http://www.washingtonpost.com/blogs/monkey-cage/wp/2015/07/20/despite-meltdowns-a-tsunami-and-public-opposition-japan-may-soon-restart-a-nuclear-power-plant-or-several/>

Aldrich, Daniel, James Platte, and Jennifer Sklarew. "What's Ahead for Abe's Energy Agenda," *Asia Unbound*, Council on Foreign Relations, July 30, 2013, <http://blogs.cfr.org/asia/2013/07/30/aldrich-platte-and-sklarew-whats-ahead-for-abes-energy-agenda/>

Aldrich, Daniel, James Platte and Jennifer Sklarew. "Post-Fukushima Nuclear Politics in Japan, Part 3: Empowered Anti-Nuclear Sentiment," *The Washington Post*, April 3, 2013, <http://themonkeycage.org/2013/04/03/post-fukushima-nuclear-politics-in-japan-part-3-empowered-anti-nuclear-sentiment/>

Aldrich, Daniel, James Platte and Jennifer Sklarew. "Post-Fukushima Nuclear Politics in Japan, Part 2: The Nuclear Regulation Authority," *The Washington Post*, April 2, 2013, <http://themonkeycage.org/2013/04/02/post-fukushima-nuclear-politics-in-japan-part-2-the-nuclear-regulation-authority/>

Aldrich, Daniel, James Platte and Jennifer Sklarew. "Post-Fukushima Nuclear Politics in Japan, Part 1," *The Monkey Cage*, April 1, 2013, <http://themonkeycage.org/2013/04/01/post-fukushima-nuclear-politics-in-japan-part-i/>

Sklarew, Jennifer F. "Laboring Over Japan's Immigration Policy." Maureen and Mike Mansfield Foundation Commentary (website). Washington, DC. Maureen and Mike Mansfield Foundation. August 2005.

Friedman, Jennifer. "技術的信頼が必要" (Technological Trust Is a Necessity). *Iwate Daily Newspaper*. July 29, 1996. Friedman, Jennifer. "日本のエネルギー" (Japan's Energy). *Iwate Daily Newspaper*. July 22, 1996.

Friedman, Jennifer. "技術及ばぬ自然の力：今も昔も一番怖い天災" (The Power of Nature That Technology Cannot Equal: Natural Disasters Remain The Most Frightening). *Iwate Daily Newspaper*. June 24, 1996.

## INTERVIEWS AND MEDIA APPEARANCES

Lonsdorf, Kat. "After 2011 Disaster, Fukushima Embraced Solar Power. The Rest Of Japan Has Not." NPR, *All Things Considered*. September 9, 2020. <https://www.npr.org/transcripts/904354757>

Lonoff, Elizabeth. "Making Strides in Clean Energy." *Fairfax Voter*, Vol. 71, Issue 2, League of Women Voters of the Fairfax Area. October 2018: 7. [https://static1.squarespace.com/static/58706fbb29687f06dd219990/t/5b9e317aaa4a990d7138c3bc/1537094014135/2018\\_10+VOTER.pdf](https://static1.squarespace.com/static/58706fbb29687f06dd219990/t/5b9e317aaa4a990d7138c3bc/1537094014135/2018_10+VOTER.pdf)

Hancock, Sam. "Empowering Energy and Water System Resilience: Urban Hydropower Micro-turbines." *The Emerald Planet Television Productions*. May 14, 2017. <http://www.emerald-planet.org/2017/05/14/>

Beauregard, Jordan. "Energizing Change: Schar School Senior Fellow Helps Student Take Energy research to the Next Level." December 16, 2016. <http://schar.gmu.edu/news-events/leadership-stories/energizing-change-schar-school-senior-fellow-helps-student-take-energy-research-next-level/>

Craft, Lauren. "Rise of the Millennials." *Energy Compass*, Vol. 27, no. 32. August 12, 2016.

Cooke, Stephanie. "Japan: Options for Nuclear in an Unbundled Utility Environment." *Nuclear Intelligence Weekly*. September 6, 2013.

<http://www.energyintel.com/Pages/ArticleSummary/820749/Japan--Options-for-Nuclear-in-an-Unbundled-Utility-Environment>

## **SELECTED INVITED PRESENTATIONS**

Sklarew, Jennifer, Gordon McCord, David Kanter, and Michael Jacobson. "Accelerating Sustainable Land Use Practices in the U.S." Webinar in SDSN series on *America's Zero Carbon Action Plan: Roadmap to Achieving Net Zero Emissions by 2050*. November 24, 2020.

<https://www.youtube.com/watch?v=In1d8O-AMJk&feature=youtu.be>

Sklarew, Jennifer. Food-Energy-Water Synergies and Trade-Offs: Implications for Community Resilience and Justice. Invited presentation, agriculture and food security session, C-RASC STAR-TIDES Virtual Conference on Converging Approaches to Sustainable Resilience. October 21, 2020.

Sklarew, Jennifer, and Owen Bates. Empowering Community Resilience: Leveraging Storm Water Management for Green Electricity. Invited presentation, Fairfax County Federation of Citizens Associations, Fairfax, VA. April 18, 2019.

Sklarew, Jennifer. Smart Energy Education: Best Practices and Metrics of Success. Invited presentation, session on Energy Education Community of Practice, National Energy Education Summit, Washington, DC. January 8, 2019.

Sklarew, Jennifer F. "Leveraging Energy and Water Infrastructure Interdependencies: Parameters for In-pipe Hydropower Micro-turbine Deployment." Poster presentation, National Council for Science & the Environment 2019 Conference. Arlington, Virginia. January 8, 2019.

Sklarew, Jennifer, Eli Watkins, Zoe Wade, and Heather Nortz. "Empowering Resilient Energy and Water Infrastructure: Addressing Hydroelectric Micro-turbine Barriers." Invited presentation, Energy Symposium, George Mason University. Fairfax, Virginia. April 26, 2018.

Sklarew, Jennifer, with students Eli Watkins and Mokshu Podel. "Empowering Resilient Energy and Water Infrastructure: Addressing Hydroelectric Micro-turbine Barriers." Invited presentation, Fairfax Soil and Water Conservation District Green Breakfast. Fairfax, Virginia. March 10, 2018.

Sklarew, Jennifer. "Empowering Energy-Water Nexus Resilience: Experiential Learning to Address Urban Hydroelectric Micro-turbine Barriers." Invited presentation, session on Defining Sustainability in an Energy Context, National Energy Education Summit, Washington, DC. January 25, 2018.



Sklarew, Jennifer. “Empowering Resilient Energy and Water Infrastructure: Addressing Barriers to Implementation of Urban Hydroelectric Micro-turbines.” Invited presentation at the Energy Symposium, George Mason University. Fairfax, Virginia. May 12, 2017.

Sklarew, Jennifer. “Empowering Resilience in Energy and Water Systems: Addressing Barriers to Implementation of Urban Hydroelectric Micro-turbines.” Invited presentation, 2017 Frontiers of Resilience Symposium, sponsored by Sandia National Laboratories and the Critical Infrastructure Protection Center, George Mason University. Arlington, Virginia. May 10, 2017.

Sklarew, Jennifer. “Power Plays: Institutional Influences on U.S. Greenhouse Gas Mitigation Policies.” Invited presentation, Climate & Energy Policy Workshop, Research Institute for Environmental Economics and Management (RIEEM) Workshop, Waseda University. November 25, 2016.

Sklarew, Jennifer. “Promoting and Assessing Students’ Understanding of Sustainable Energy Policymaking: A Unique Framework.” Invited presentation in session on Defining Sustainability in an Energy Context, National Energy Education Summit, Washington, DC. June 7, 2016.

Sklarew, Jennifer. “Shock to the System: Lessons from Japan on How Institutional Relationships Impact Energy Policymaking, Resilience, and Innovation after Disasters.” Invited presentation, School for Policy, Government and International Affairs Brown Bag Series. Arlington, Virginia. April 13, 2016.

Sklarew, Jennifer. “Power Plays: Institutional Challenges to the Clean Power Plan.” Invited presentation, Waseda RFF Workshop on Renewable Energy and Energy Efficiency, Resources for the Future. Washington, DC. March 11, 2016.

Sklarew, Jennifer. “Sustainable Energy Transitions, Challenges and Solutions.” Invited presentation, Leaders in Energy Clean Energy and Sustainability Showcase. George Mason University, Arlington, Virginia. February 5, 2016.

Sklarew, Jennifer. “Shock to the System: How Catastrophic Events and Institutional Relationships Influence Policymaking at the Energy-Climate-Water Nexus.” Invited presentation, the Reischauer Center for East Asian Studies. Washington, DC. February 3, 2016.

Sklarew, Jennifer F., and Dann M. Sklarew. “Energy and Water Access for All: Challenges and Potential Solutions.” Poster presentation, National Council for Science and the Environment 2016 Food-Energy-Water Nexus Conference. Arlington, Virginia. January 19-21, 2016.

Sklarew, Jennifer. “Powerful Connections: Japan’s Lessons on Collaboration toward Energy System Resilience and Innovation.” Invited presentation to the Community Energy Plan Implementation Review Committee. Arlington, Virginia. June 5, 2015.

Sklarew, Jennifer, and Daniel Sklarew. "The Low-Carbon Economy and New Energy Industry Developments: U.S. Challenges and Status." Invited presentation to Delegation of Officials from Shandong Province. George Mason University, Arlington, Virginia. December 3, 2014.

Sklarew, Jennifer. "Japan's Energy Policy: Impacts and Implications of Shocks to the System." Invited presentation, the Foreign Service Institute, U.S. Department of State. Arlington, Virginia. May 1, 2014.

Sklarew, Jennifer. "Shock to the System: How Fukushima's Impacts on Energy Security and Climate Change Priorities Catalyze Energy System Change." Invited presentation, Washington, DC-Area Energy & Climate Research Workshop, Georgetown University. Washington, DC. January 31, 2014.

Sklarew, Jennifer. "Japan's Nuclear Energy Policy: Institutional Influences and International Implications." Invited presentation, US-Korea Nuclear Roundtable series, Global America Business Institute. Washington, DC. October 8, 2013.

Sklarew, Jennifer. "Energy Looking Forward." Invited moderator, panel on U.S. energy policy, Managing the Planet series, Woodrow Wilson Center. Washington, DC. September 11, 2013.

Sklarew, Jennifer. "U.S. Energy Policy and Renewables: Process and Prognosis." Invited presentation, Waseda University. Tokyo, Japan. July 5, 2013.

Sklarew, Jennifer. "U.S. Energy Policy: Priorities, Politics and Process." Invited presentation to Chuo University, School of Public Policy. Tokyo, Japan. May 22, 2013.

Sklarew, Jennifer. "Our Domestic Challenges as Opportunities for U.S.-Japan Innovation and Collaboration." Presentation as invited panelist, Maureen and Mike Mansfield Foundation Task Force Symposium on Crafting a Contemporary U.S.-Japan Vision for Shared Progress and Prosperity. Washington, DC. June 6, 2012.

Sklarew, Jennifer. "Japan's Energy Policy: Shocks to the System and Implications for the Future." Invited presentation to the Foreign Service Institute, U.S. Department of State. Arlington, Virginia. May 17, 2012.

Sklarew, Jennifer. "Shock to the System: The Past and Future of Japan's Energy Supply and Policymaking." Invited presentation, 2012 Spring Meeting of the Washington Southeast Regional Japan Seminar. Washington, DC. April 28, 2012.

Sklarew, Jennifer. "Shock to the System: Potential effects of the Great East Japan Earthquake and Tsunami on Japan's Governance and Energy Policy Making Systems." Presentation as invited panelist, U.S.-Japan Research Institute's seminar on the Great East Earthquake and Tsunami. July 21, 2011.

Sklarew, Jennifer. "Japan's Energy Policy: the Past, the Present, and Potential Impacts of the Great East Earthquake and Tsunami." Invited presentation to the Foreign Service Institute, U.S. Department of State. Arlington, Virginia. May 19, 2011.

Sklarew, Jennifer. Remarks as invited panelist on climate change and energy policy. Maureen and Mike Mansfield Foundation Symposium on Re-examining the Importance of the U.S.-Japan Relationship in an Era of Change: A Conversation with Ambassador Rust Deming. Washington, DC. March 1, 2011.

Sklarew, Jennifer F. “Can Developing Nations Absorb Clean Technologies? Case Studies of China and India.” Presentation at 2010 Science and Technology in Society Conference, sponsored by the National Academies, AAAS, and ST Global Consortium. Washington, DC. April 11, 2010.

Sklarew, Jennifer F. and Dann M. Sklarew. “Relating Greenhouse Gas Emissions to Sustainable Development.” Poster presentation at the Behavior, Energy and Climate Change Conference. Washington, DC. November 17, 2009.

Sklarew, Jennifer F. Remarks as invited panelist, “Legislation and Leadership in U.S.-Japan Relations -- A Panel Discussion,” sponsored by the Maureen and Mike Mansfield Foundation. Washington, DC. February 27, 2007.

Sklarew, Jennifer F. “Accessing Japan: Trade and Investment in a Recovering Economy.” Invited presentation, North Carolina State University’s 21<sup>st</sup> Annual North Carolina and Japan: Trade and Investment Conference. Raleigh, North Carolina. December 2, 2005.

Sklarew, Jennifer F. Remarks as invited panelist, “U.S.-Japan Relations: Toward New Areas of Bilateral Cooperation -- A Panel Discussion,” sponsored by the Maureen and Mike Mansfield Foundation and Toshiba Corporation. Washington, DC. November 5, 2005.

Sklarew, Jennifer F. “Access in Japan’s Economy: U.S. Policy Considerations.” Invited presentation, North Carolina State University’s 18<sup>th</sup> annual North Carolina and Japan: Trade and Investment Conference. Raleigh, North Carolina. October 31, 2002.

Sklarew, Jennifer F. “Access in Japan’s New Economy: U.S. Policy Considerations.” Invited presentation, 7<sup>th</sup> Georgia Tech Global Business Forum. Atlanta, Georgia. March 14, 2001.

## **PROFESSIONAL AND COMMUNITY SERVICE**

### **George Mason University Student Supervision and Mentorship:**

#### **Committee Chair:**

1. Castano, Geovanni. 2019. *Rural Electrification In Colombia: Rural Microgrids Potential And Policy Alternatives For Their Development*. Master of Arts Interdisciplinary Studies (MAIS), Energy and Sustainability Concentration project.
2. Gardiner, Doug. 2019. *Malaysian Energy Outlook*. Master of Arts Interdisciplinary Studies (MAIS), Energy and Sustainability Concentration thesis.
3. Warner, Michael. 2020. *Golf Sustainability: A Guide For Golf Course Environmental*

*Stewardship*. Master of Arts Interdisciplinary Studies (MAIS), Energy and Sustainability Concentration project.

4. Kolly, Andrew. 2020. *A New Frame for Energy Efficiency*. Master of Arts Interdisciplinary Studies (MAIS), Energy and Sustainability Concentration project.
5. Lee, Jeongseok. 2021. *The Effect of Electric Vehicle Deployment Targets on Greenhouse Gas Emissions*. Master of Arts Interdisciplinary Studies (MAIS), Energy and Sustainability Concentration project.
6. Wilson, Steph. 2021. *The Food-Energy-Water Nexus in Turkana, Kenya: A Systems-Based Needs Assessment and Solutions Proposal*. Master of Arts Interdisciplinary Studies (MAIS), Energy and Sustainability Concentration project.
7. Gharbo, Alex. (expected fall 2021)
8. Belman, Dianna. (In progress.) PhD, Environmental Science and Policy.
9. Robertson, Ashley. (In progress.) MS, Environmental Science and Policy, Energy and Sustainability Policy and Science Concentration.
10. Weisbrodt, Kathryn. (Beginning fall 2021.) MS, Environmental Science and Policy, Energy and Sustainability Policy and Science Concentration.
11. Titlow, Matthew. (Beginning fall 2021.) MS, Environmental Science and Policy, Energy and Sustainability Policy and Science Concentration.

#### **Committee Member:**

1. Dale, Erin. 2017. The Evolution of a Novel Application of Expert Elicitation and Value Tree Analysis as a Decision Support Methodology to an Earth Observing Enterprise. MS, Environmental Science and Policy thesis.
2. Metcalf, Carolyn. 2018. *Social Marketing for Green Buildings*. Master of Arts Interdisciplinary Studies (MAIS), Social Entrepreneurship Concentration project.
3. Nackerman, Colin. (Expected spring 2021.) *Climate and COVID: Exploring Implications on College Student Perspectives and Political Motivations*. Master of Arts Interdisciplinary Studies (MAIS), Energy and Sustainability Concentration project.
4. Madden, David. (Expected fall 2021.) Master of Arts Interdisciplinary Studies (MAIS), Energy and Sustainability Concentration project.
5. Zahirieh, Sherwin. (In progress.) PhD in Civil, Environmental, and infrastructure Engineering dissertation.

#### **Directed Studies:**

1. Nortz, Heather. EVPP 395, Microturbine Independent Study. Spring 2018.
2. Guide, Isabel. EVPP 395, Hydro Micro-Turbine in Haiti. Spring 2019.

#### **George Mason University Conferences and Guest Lectures:**

Virginia Environmental Justice Summit: Provided panelists and serving as panel moderator, food-energy-water nexus session. March 27, 2021.

Ashoka Changemakers U Exchange Conference: Invited panelist, Mason panel on climate change, March 17, 2021.

Institute for a Sustainable Earth Energy Policy and Decarbonization Roundtable: Invited presenter, March 15, 2021.

Honors College Colloquium: Invited speaker, “Food-Energy-Water Solutions for Rural, Low Income Communities,” October 27 and 28, 2020.

C-RASC STAR-TIDES Virtual Conference on Converging Approaches to Sustainable Resilience: Session lead, agriculture and food security sessions for conference hosted by Mason’s Center for Resilient and Sustainable Communities (C-RASC). October 20-21, 2020. Developed themes for sessions; identified and secured speakers from Mason and practitioners; served as speaker; hosted and moderated sessions.

Planetary Health (EVPP 490/505), Environmental Science and Policy Department: Invited guest lecturer, “Energy: Empowering or Disempowering Planetary Health?,” October 2, 2020.

Sustainable World (INTS 210), School of Integrative Studies: Invited guest lecturer, Empowering Energy-Water Nexus Resilience: Addressing Hydroelectric Micro-turbine Barriers,” February 13, 2018.

Climate Change Policy (PUBP 710), Schar School of Policy and Government: Invited guest lecturer, “Nuclear Power and Climate Change,” November 3, 2016.

Environmental Engineering Systems course (CEIE 450/550), Department of Civil, Environmental and Infrastructure Engineering: Invited guest lecturer, “Energy Policymaking: 3Es, 3Ps and 1R,” November 1, 2016.

Research Design for Public Policy (PUBP 801), Schar School of Policy and Government: Invited panelist, “How to Succeed in a PhD Program,” October 6, 2015.

Culture, Organization and Technology (PUBP 503), Schar School of Policy and Government: Invited guest lecturer, “Energy Policymaking Variations,” September 24, 2015.

Climate Change Policy (PUBP 710), Schar School of Policy and Government: Invited guest lecturer, “Technological Fixes for Climate Change,” November 25, 2014.

Climate Change Policy (PUBP 710), Schar School of Policy and Government: Invited guest lecturer, “Mock Hearing on Nuclear Power,” December 11, 2013.

Approaches to International Commerce and Policy (ITRN 500), Schar School of Policy and Government: Invited guest lecturer, “Japan’s Energy Policymaking, Environmental Considerations, and International Relations,” October 29, 2008.

### **Publication Reviewer:**

IPCC Sixth Assessment Report: Expert Reviewer, Second Order Draft (SOD) of the contribution of Working Group III to the Sixth Assessment Report (AR6) and the first drafts of the Summary for Policymakers and the Technical Summary, spring 2021.

Wiley/Textbook proposal: Invited manuscript reviewer, *Water Security: Quantity, Quality, and Equity in a Changing Climate*, December 2020.

Elsevier/Solar Energy Journal manuscript: Invited manuscript reviewer, Cross-ideological Solar Power Coalitions in the American South: An Advocacy Coalition Examination, *Solar Energy*, 2020.

### **Community Engagement:**

Oakton High School press conference: invited panelist, Global Classroom Project on education for environmental changes, partnership with Cochabamba, Bolivia. March 3, 2021.

Washington Youth Summit for the Environment: Invited speaker, “Empowering Energy-Water Nexus Resilience: Addressing Hydroelectric Micro-turbine Barriers.” June 26, 2019.

Wilmington University Environmental Science & Public Policy Degree Advisory Committee: Invited member contributing to development of undergraduate degree requirements and courses, 2016-present.

Community Energy Plan Implementation Review Committee: Appointed member, committee to advise the Arlington County Manager on the Community Energy Plan, 2014-2016.

Mansfield Foundation Task Force on Crafting a Contemporary U.S.-Japan Vision for Shared Progress and Prosperity: Member, task force of U.S. and Japanese experts selected by the Maureen and Mike Mansfield Foundation, Japan Commerce Association of Washington (JCAW) and Japanese Chamber of Commerce and Industry of New York (JCCI), 2011-2012.

Mason Energy Roundtable Planning Committee: Member, organized and moderated alternative fuels panel and provided speaker contacts for renewable energy and clean coal panels, 2009.

Council on Foreign Relations: Organizer, Roundtable on Asia’s Role in the War on Terror, 2002. Participant, Roundtable on Japan’s Foreign Policy, 1999-2000.

Literacy Organizations: The Reading Connection: Volunteer, program fostering childhood literacy in local homeless shelters, 2003-2004. Write On! Founder, children’s writing program at local community centers, 1999-2003.

Foreign Policy Institute's Great Decisions Forum: Discussion Leader: Nigeria's energy and political profile, 2003; Japanese economy, 1999; Chinese economy, 1998.

Water Partners International: Co-Chair, fundraiser to build Central American drinking water system, 2000; steering committee member, fundraisers to build Central American drinking water systems, 1999 and 2001.

### **PROFESSIONAL MEMBERSHIPS**

**Life Member** 1998-present  
**Council on Foreign Relations (CFR)** Washington, DC

**Member** 2016-present  
**GCSE Community of Educators for Energy Transformation**

**Invited Core Member** 2020-present  
**Center for Resilient and Sustainable Communities, George Mason University**

**Affiliated Faculty** 2019-present  
**Institute for a Sustainable Earth, George Mason University**

### **LANGUAGE SKILLS**

Fluent in oral and written Japanese at Japanese Language Proficiency Test (JLPT) Level 2, 2003.