

SARAH M. REITER

EXPERIENCE

New England Aquarium

Boston, MA

Director of Ocean Policy

2022-Present

- Lead the development and implementation of an annual ocean policy and advocacy agenda at all levels of government that leverages and amplifies the Aquarium's work
- Steer the development and implementation of a monitoring and evaluation strategy to establish and track metrics for impact and success of the Aquarium's ocean policy actions
- Collaborate with scientific teams to ensure technical expertise, scientific outputs and science-based perspectives are reflected in the Aquarium's ocean policy agenda
- Serve as expert presenter, moderator and/or panelist representing Aquarium interests to external stakeholders

Vermont Law School

South Royalton, VT

Adjunct Professor of Law

2022-Present

- Teach Ocean and Coastal Law during Environmental Summer Session

Assistant Professor of Law

2019-2021

- Teach *International Climate Law* (Head of Observer Delegation to United Nations Framework Convention on Climate Change), *Ocean and Coastal Law*, *Environmental Dispute Resolution*, *International Environmental Law*
- Serve on 6 faculty committees (e.g., Curriculum, Assessment) and advise law and graduate students

Faculty Director of Online Learning

2019-2021

- Participate in institution's strategic planning process as it relates to public engagement: evaluate opportunities to apply educational technology and reach audiences beyond academia
- Spearhead technological innovation in legal education: migrate environmental law and policy instruction online
- Communicate with environmental faculty regarding the impact of using educational technology tools in coursework
- Contract and retain faculty to teach/develop 75+ courses, across 7 degree programs, over 6 terms/academic year

Associate Director, Career Services

2016-2019

- Create curriculum/programs (e.g., networking, application materials, interviewing) for 500+ students
- Counsel 200+ students (e.g., career and academic plans, internship/job applications, interviews)

Adjunct Professor of Law

2013-2019

- Teach 2 courses: Environmental Dispute Resolution, Ocean and Coastal Law

University of Oxford

Oxford, UK

Collaborator, Oxford Seascape Ecology Lab

2019-2022

- Lead lectures and workshops: MSc, Biodiversity, Conservation and Management (e.g., International Ocean Governance- Applications at the Science-Policy Interface, The Paris Agreement and Ocean-inclusive Nationally Determined Contributions)
- Co-PI on grants linking geospatial science and policy: Oxford Policy Engagement Network (e.g., Enabling the inclusion of blue carbon sequestration benefits in sub-national climate policy); Economic and Social Research Council Impact Acceleration Account Knowledge Exchange Funding for the Social Sciences, Stages 1 and 2
- Co-advise graduate students/research assistants at School of Geography and the Environment (e.g., Natural Environment Research Council funded Research: Biological Evaluations at Scale—the Weddell Sea, Antarctica)

Upwelling Consulting, LLC

VA (Inc.)

Co-owner and Ocean Champion

2019-Present

- Completed stakeholder, legal and advocacy analysis on the status and recovery of the southern sea otter, resulting in "Roadmap: Recovery of the Southern Sea Otter"
- Reviewed whale protection measures and conducted comparative international legal analysis on the capture and captivity of whales across various national legal frameworks to assist international NGO groups and Russian advocacy organizations respond to illegal capture of whales in Russian waters

- Analyzed federal and state legislation and grant solicitation criteria to identify best practices for enabling socially just climate adaptation planning

The Monterey Bay Aquarium

Monterey, CA

Policy Analyst, Conservation and Science Division

2015-2016

- Lobbied on federal/state legislation (e.g., National Defense Authorization Act, Microbead-Free Waters Act)
- Drafted federal/state comment letters (e.g., Illegal, Unreported and Unregulated fishing, climate adaptation)
- Advocated for southern sea otter recovery, shark conservation and plastic pollution reduction in variety of forums

Aquarium Conservation Partnership (ACP) Coordinator (Interim)

2015

- Built relationships with policymakers and lobbied at state/federal level (e.g., Commerce, Justice, Science Appropriations, Microbead-Free Waters Act)
- Supported government relations for 21 U.S. Association of Zoos and Aquarium-accredited aquariums
- Prepared ACP to engage Obama Administration on suite of issues (e.g., wildlife, ecosystems, fisheries)
- Organized in-person CEO, Executive Committee, and Steering Committee events

Stanford University, Center for Ocean Solutions

Monterey/Palo Alto, CA

Early Career Law and Policy Fellow

2013- 2015

- Advanced ocean solutions for three focal areas: climate adaptation, ecosystem health, area based management; in partnership with the Natural Capital Project, World Wildlife Fund Canada, and The Nature Conservancy
- Designed/taught marine policy curriculum for graduate student network consisting of 7 campuses
- Lead lectures and workshops (e.g., the MARINE Ocean Policy Course, Coastal Collaboration: Gould Center for Conflict Resolution, Management Matters: Vice Provost for Graduate Education)
- Managed Legal Intern Program: applicant selection, project design, professional development

Nat'l Oceanic and Atmospheric Administration (NOAA) General Counsel

Washington, D.C.

Legal Intern-International Section

2012

- Drafted language regarding legal status of sea ice for interagency negotiations on Polar Code
- Prepared attorneys for inter-governmental ICCAT negotiations, IUU Fishing Conference
- Attended Senate Foreign Relations Committee hearings on UNCLOS treaty ratification

Charleston County Park and Recreation Commission (CCPRC)

Charleston, SC

Ecosystem Services and Natural Capital Intern

2009

- Assessed monetary value of ecosystem services from county park's coastal and wetland habitat
- Created environmental economic benchmark product implemented by CCPRC for stewardship
- Developed transferrable categorical framework to quantify the value of park system services

United States Air Force, 25th Operational Weather (WX) Squadron

Tucson, AZ

Senior Duty Officer

2007-2008

- Managed 40-person team protecting 82 military installations in the continental United States
- Leveraged \$4M Air Force WX Weapon System to provide forecasts for nationwide military sites
- Advised Commander on higher-level weather support issues and systems outages

Weather Operations Officer

2006-2007

- Supervised 5-member team in 24/7 support of military operations west of the Mississippi River
- Oversaw the production, quality control, and delivery of analyses, forecasts, and warnings
- Conducted briefings for pilots and soldiers involved in air/ground operations throughout the U.S.

Operational Meteorologist

2005-2006

- Supervised dissemination of watches, warnings and advisories to safeguard 26 military sites
- Led the development of 24-hr forecasts for 3 airfields, supporting 390 aircraft worth \$20B

- Conferred with teams at 7 sites to ensure consistency between tactical/operational forecasts

EDUCATION

Vermont Law School, J.D., *cum laude*, Ocean and Coastal Law, Energy Institute Research Associate, 2013

College of Charleston, M.S., Environmental Studies, TA: Physics I/II/Astronomy Labs, 4.0/4.0, 2010

United States Naval Academy, B.S., Oceanography, Honors Antarctic Polynya Thesis, 3.51/4.0, 2005

PEER-REVIEWED PUBLICATIONS AND LAW REVIEW ARTICLES

- Reiter, S. (co-editor) (invited, 2023) *OCEAN AND COASTAL LAW AND POLICY*, 3rd ed. Chicago: American Bar Association.
- Frinault, B., Wedding, L., **Reiter, S.**, et al. (in prep). Dynamic ocean management in Antarctica: Leveraging big data for ecological evaluations in the Southern Ocean and its seas. *MARINE POLICY*.
- **Reiter, S.** and Post, D. (in prep). The BBNJ Treaty: An Ecological Law Case Study. In: K. Anker et al., ed., *FROM ENVIRONMENTAL TO ECOLOGICAL LAW*, 2nd ed. Oxfordshire: Routledge.
- Wedding, L., **Reiter, S.** et al. (accepted with revisions). Integrating the value of coastal ecosystem services into climate change adaptation planning. *PEERJ*.
- Wedding, L., Green, S., **Reiter, S.** et al. (accepted with revisions). Adaptive Management in a New Ocean Frontier: Linking Multiple Stressor Science to Policy Action in the Changing Arctic. *MARINE POLICY*.
- Leoni, B., **Reiter, S.**, Post, D. (2022). The Judicial Privatization of Seaweed in Maine. *NATURAL RESOURCES AND ENVIRONMENT, AMERICAN BAR ASSOCIATION*.
- Fullam, C., Strong, A., Pouponneau, A., **Reiter, S.** (2021). An Upwelling of Support for the Ocean-Climate-Biodiversity Nexus: Progress toward Institutionalization at COP26. *SUSTAINABILITY AND CLIMATE CHANGE*.
- **Reiter, S.**, Cheng, L., Pouponneau, A., Taylor, S., Wedding, L. (2021). A framework for operationalizing Ocean commitments under the Paris Agreement. *FRONTIERS CLIMATE LAW AND POLICY*.
- **Reiter, S.M.**, et al. (2020). The Future of the Public Trust: The Muddied Waters of Rockweed Management in Maine. *OCEAN AND COASTAL LAW JOURNAL*, 25(2), pp. 325-358.
- Wedding, L., **Reiter, S.** et al. (2018). Values at the Land-Sea Interface: Mapping Ecosystem Services in the Coastal Environment. *CURRENT: THE JOURNAL OF MARINE EDUCATION*, 32(1), pp. 25-31.
- Melius, M., **Reiter, S.**, Newkirk, S. (2017). The Coastal Act, Power Plants, and the Case for “Undevelopment.” *VERMONT JOURNAL OF ENVIRONMENTAL LAW*, 18(4), pp. 592-613.
- Mach, M., Wedding, L., **Reiter, S.** et al. (2017). Assessment and Management of Cumulative Impacts in California's Network of Marine Protected Areas. *OCEAN AND COASTAL MANAGEMENT*, 137(1), pp.1-11.
- Wedding, L., **Reiter, S.** et al. (2016). Modeling and Mapping Coastal Ecosystem Services to Support Climate Adaptation Planning. Chapter 20 in Wright, D.J., ed., *OCEAN SOLUTIONS, EARTH SOLUTIONS*, 2nd ed. Redlands: Esri Press.
- Mach, M., **Reiter, S.**, Good, L. (2015). Managing a mess of cumulative effects: linking science and policy to create solutions. *CURRENT: THE JOURNAL OF MARINE EDUCATION*, 29(2), pp. 26-31.
- Wedding, L., **Reiter, S.** et al. (2015). Managing mining of the deep seabed. *SCIENCE*, 349(6244), pp. 144-145.
- **Reiter, S.** et al. (2015). Climate Adaptation Planning in the Monterey Bay Region: An Iterative Spatial Framework for Engagement at the Local Level. *NATURAL RESOURCES*, 6, pp.375-379.
- Courtney, A., Wildman, S., and **Reiter, S.** (2015). Ocean Dumping and Marine Pollution. Chapter 8 in Baur, D., et al. ed., *OCEAN AND COASTAL LAW AND POLICY*, 2nd ed. Chicago: American Bar Association.
- Prahler, E., **Reiter, S.** et al. (2014). It All Adds Up: Enhancing Ocean Health by Improving Cumulative Impacts Analyses in Environmental Review Documents. *STANFORD ENVIRONMENTAL LAW JOURNAL*, 33 (3), pp. 352-417.
- Baker, B., and (**Mooney**) **Reiter, S.** (2012). The legal status of Arctic sea ice in the United States and Canada. *POLAR GEOGRAPHY*, 36(1), pp. 1-19.

TECHNICAL REPORTS, GUIDES AND WHITE PAPERS

- **Reiter, S.M.** et al. (2014). Threats Assessment to California's Marine Protected Areas due to Sea Level Rise Impacts.

SUBMITTED TO RESOURCES LEGACY FUND.

- Erickson, A., Gourlie, D., Hazen, L., Hicks, C., Kondo, E., Martone, R., Mease, L., **(Mooney) Reiter, S.** et al. (2013). California Fisheries Preliminary Assessment Final Report. *SUBMITTED TO RESOURCES LEGACY FUND.*
- Prahl, E., **(Mooney) Reiter, S.** (2012). Application of Land Use Practices and Tools to Prepare for and Adapt to Climate Change. *SUBMITTED TO MONTEREY COUNTY PLANNERS.*
- (with Baker, B., Eidsness, E., Mihaly, E., Kruszewski, S., **Reiter, S.** et al.) PAME, The Arctic Ocean Review Project, Final Report, Chapter 5 (Phase II 2011-2013), Kiruna May 2013. Protection of the Arctic Marine Environment (PAME) Secretariat, Akureyri (2013).

SELECTED PRESENTATIONS AND SPEAKING ENGAGEMENTS

- Speaker (2022). Policy Work Group Climate Change Agenda, Aquarium Conservation Partnership Steering Committee Meeting at the Association of Zoos and Aquariums Mid-Year Meeting.
- Keynote Speaker (2021). Veterans Day Program, Vermont Law School.
- Moderator (2021). *Ocean/Water Pollution Panel*, Vermont Journal of Environmental Law Symposium: The World of Waste in a Wasteful World.
- Speaker (2021). *Ecological Law and Marine Biodiversity on the High Seas*, Ecological Law and Governance Association.
- Moderator (2020). *Don't be a Fossil Fool: Transitioning to, Living in, and Protecting a Decarbonized World: Nature-Based Solutions panel*, Vermont Journal of Environmental Law Symposium.
- Panelist (2020). *Leveraging Ocean-inclusive Nationally Determined Contributions as a tool to stabilize the atmosphere and restore Ocean resilience*, Colloquium on Environmental Scholarship.
- Panelist (2019). *The Future of the Public Trust: The Muddied Waters of Rockweed Management in Maine*, Ocean and Coastal Law Journal Symposium, University of Maine School of Law, COVID postponement.
- Speaker (2019). *Using Science and the Law to achieve Coexistence in a Crowded Ocean*, Vermont Law School Hot Topics in Environmental Law Lecture Series.
- Moderator (2018). *Below the Surface: Diving Deep to Protect our Ocean Animals*, Vermont Law School Animal Law Society Annual Spring Symposium.
- Invited Lecture (2017). *Negotiating Environmental Agreements*, SEA Semester, Woods Hole, MA.
- Speaker (2016). *Making Waves and Building Sandcastles: A Perspective on Marine Policy*, Applied Marine and Watershed Science Graduate Seminar Series at California State Univ.-Monterey Bay.
- Panelist (2015). *The future of women in ocean careers*, Moss Landing Marine Labs.
- Speaker (2015). *A changing climate, a coast in conflict*, University of Minnesota School of Law Road to Paris Faculty Workshop.
- Speaker (2015). *Navigating Arctic Policy: Past, Present and Future*, Center for the Blue Economy at Middlebury Institute for International Studies.
- Speaker (2015). *Looking beneath the surface and beyond projects: Legal strategies for performing cumulative effects assessments*, Third International Marine Conservation Congress, Society of Conservation Biology.
- Facilitator, w/ Mach, M. and Martone, R. (2014). *Cumulative Effects Focus Group for experts*, Third International Marine Conservation Congress, Society of Conservation Biology.
- Panelist (2014). *Using natural habitats to protect coastal communities*, Center for Ocean Solutions—International delegation from Qingdao, China.
- Contributor, w/ Caldwell, M. et al. (2014). *Using a Spatial Approach to Evaluate the Role of Natural Habitat in Increasing Coastal Resilience*, ESRI Ocean GIS Forum.
- Contributor, w/ Caldwell, M. et al. (2014). *Cumulative Risk and Climate Change Adaptation Along Our Coast*, State Bar of CA Environmental Law Conference.
- Contributor, w/ Caldwell, M. et al. (2014). *Living in a world where 1+1=4: aligning the law, science, and practice of multiple stressors in marine ecosystems*, Keynote—Ecological Society of America Annual Meeting.
- Contributor, w/ Caldwell, M. et al. (2014). *Analyzing for Regulatory Risk Associated with Land Use Planning*

Adaptation Strategies, California Adaptation Forum, 2014.

- Contributor, w/ Kerttula, B. (2014). *From the Gulf to the Arctic: What Have We Learned Since the Deepwater Horizon Spill?*, Resources for the Future.

SELECTED HONORS, GRANTS AND OTHER PROFESSIONAL ACTIVITIES

- **Honors:** Emerging Leaders Initiative, Environmental Law Institute (2021); Vermont Law School, Phenomenal Woman Award (2018); Monterey Bay Aquarium Achievement Awards (2016, 2015); Vermont Law School Alumni Award (2013); The Air Force Achievement Medal (2007); The Navy Achievement Medal (2005); United States Naval Academy Leadership Award (2005); Golden Key National Honor Society (2005); Women's Swimming Patriot League Academic All-star (2004, 2005); The National Defense Service Medal (2002)
- **Grants:** Stanford Woods Institute for the Environment: Realizing Environmental Innovation Grant; Interdisciplinary post-graduate research funded by various foundations/organizations (e.g., University of Oxford, The David and Lucile Packard Foundation, Gordon and Betty Moore Foundation, Resources Legacy Fund, The Nature Conservancy)
- **Scholarships:** Vermont Law School Dean's Scholarship; Albert Schweitzer Fellowship; College of Charleston Teaching Assistantship; United States Naval Academy Nomination (Senator John Kerry)
- **Service:** Steering Committee, Emerging Leaders Initiative, Environmental Law Institute, 2022-Present; Aquarium Conservation Partnership Executive Committee; Policy Working Group, 2022-Present; Dartmouth College Committee on Senior Fellowships Senior Fellow Evaluator for Fellow Michael McGovern, Jr. and the Tiger Tool, 2021; Climate Social Science Network Working Group, 2021; Deep Ocean Stewardship Initiative Working Group, 2021; Economics for the Anthropocene Law and Governance Research Initiative Working Group, 2020-2021; President, New England Law Schools Career Centers Consortium, 2017-2018; Staff Representative, Vermont Law School Board of Trustees and Chair, Dean's Advisory Committee, 2018-2019; Member, Technical Advisory Committee and Steering Committee, Monterey County Climate Adaptation projects, 2014-2015

PRESS AND OTHER RELATED MEDIA

- More Endangered Right Whales Are Leaving New England for Canada, April 22, 2022, *NBC Boston*
- Reiter, S., and Dillon Post (2022). [Blog] Networks of Marine Protected Areas. Available at: [L4E Ecological Law Blog](#) [Accessed April 27, 2022].
- Vermont Law School Launches Tuholske Institute for Environmental Field Studies to Honor Late Professor, December 7, 2021, *Law.com*
- Underwhelming Response to Ocean Crisis Put Island Nations in Peril, November 8, 2021, *Energy Mix*
- Vermont Law students to support small island nation during U.N. climate conference, October 29, 2021, *Burlington Free Press*.
- Invited Editor (w/ Dr. Lisa Wedding, Oxford Seascape Ecology Lab), [Safeguarding our Coastlines and our Climate](#), COP26 Virtual Ocean Pavilion, (November 1-12, 2021).
- Reiter, S., ed. (2021). [Blog] COP26 Observer Delegation Blog: Ridges to Reefs. Available at: <http://vlscop.vermontlaw.edu/> [Accessed 20 December 2021].
- The Oxford Seascape Ecology Lab joins the Art, Biodiversity and Climate Network. Available at: <https://www.oxfordseascapeecologylab.com/news/the-art-biodiversity-and-climate-network> [Accessed August 11, 2021].
- Students Support the Seychelles at U.N. Climate Change Conference. Available at: <https://www.vermontlaw.edu/blog/environmental-law/students-support-seychelles-un-climate-conference> [Accessed 08 June 2021].
- Live from COP25: VLS students served as delegates at U.N. climate conference in Spain, December 2020, *The New Leaf*
- University of Maine SMS News and Events, (2017). *The muddied waters of rockweed management in Maine*. [online] Available at: <https://umaine.edu/marine/2017/08/09/muddied-waters-rockweed-management-maine/> [Accessed 30 October 2020].

- Reiter, S. (2017). *The muddied waters of rockweed management in Maine*. [Blog] Vermont Law School Blog. Available at: <https://www.vermontlaw.edu/blog/water/maine-rockweed-management> [Accessed 30 October 2020].
- Reiter, S. (2017). *Undevelopment: Addressing Sea Level Rise in California*. [Blog] Vermont Law School Blog. Available at: <https://www.vermontlaw.edu/blog/water/undevelopment-sea-level-california> [Accessed 30 October 2020].
- Reiter, S. (2017). *An Ocean network protected, but not from harm*. [Blog] Vermont Law School Blog. Available at: <https://www.vermontlaw.edu/blog/water/california-marine-protected-areas> [Accessed 30 October 2020].
- Reiter, S. (2017). *Students dive into summer ocean work*. [Blog] Vermont Law School Blog. Available at: <https://www.vermontlaw.edu/blog/water/student-summer-work-2017> [Accessed 30 October 2020].
- (w/ Reiter, S.) (2016). *Ocean view with Alum Sarah Mooney Reiter JD'13*. [Blog] Vermont Law School Blog. Available at: <https://www.vermontlaw.edu/blog/water/ocean-and-marine-law-and-policy-alum-sarah-mooney-reiter> [Accessed 30 October 2020].
- [Graduate Students Dive into Ocean Policy](#). October 28, 2015, *Center for Ocean Solutions*
- U.N. body issues exploration contracts as era of deep sea mining nears, July 26, 2015, *The Japan Times*
- Center for Ocean Solutions, (2015). *Chapter on Smart Ocean Planning Hits Shelves in New American Bar Association Book on Ocean Policy*. [online] Available at: <https://oceansolutions.stanford.edu/stories-events/chapter-smart-ocean-planning-hits-shelves-new-american-bar-association-book-ocean> [Accessed 30 October 2020].
- Center for Ocean Solutions, (2015). *Partner Shoutout- Monterey Bay Aquarium's Conservation and Science Division Makes a Splash!* [online] Available at: <https://oceansolutions.stanford.edu/stories-events/partner-shoutout-monterey-bay-aquarium-s-conservation-and-science-division-makes> [Accessed 30 October 2020].
- Deep-sea mining regulations need stronger environmental protections. July 16, 2015, *IndyBay*
- Call for halt on deep-sea mining could impact Vancouver's Nautilus Minerals. July 13, 2015, *Business Vancouver*
- Scientists want to try eco-friendly approach to deep-sea mining. July 13, 2015, *Tech Times*
- Scientists show rising concern about deep-sea mining, July 13, 2015, *CNBC*
- Calls for more deep sea mining protections. July 11, 2015, *Scoop*
- Environmental groups call for regulation as world dives into deep sea mining. July 10, 2015, *The Washington Post*
- Waters southeast of Hawaii a center of debate on sea mining. July 10, 2015 *West Hawaii Today*
- Scientists, environmentalists call for freeze in deep sea mining permits. July 10, 2015, *mining.com*
- US researchers propose eco-friendly strategy to extract deep sea resources. July 10, 2015, *mining-technology.com*
- Marine protection zones should come before deep sea mining, say scientists. July 9, 2015, *Popular Science*
- Scientists want balance between deep-sea mining and ecosystem sustainability. July 9, 2015, *Honolulu Civil Beat*
- Managing mining of the deep seabed. July 9, 2015, *Phys.org*
- Conservation group calls for more deep sea mining protections. July 9, 2015, *UPI*
- Managing mining of the deep seabed. July 9, 2015, *Science Daily*
- Conservation group calls for more deep sea mining protections. July 9, 2015, *Big News Network*
- Center for Ocean Solutions, (2015). *Featured Publication: Climate Adaptation Planning in the Monterey Bay Region*.
- Center for Ocean Solutions, (2014). *Center hosts international delegation from Qingdao, China*.
- Center for Ocean Solutions, (2014). *Center Researchers Lead Symposium at International Marine Conservation Conference*. [online] Available at: <https://oceansolutions.stanford.edu/stories-events/center-researchers-lead-symposium-international-marine-conservation-conference> [Accessed 30 October 2020].