

Arielle Levine - CV

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RESEARCH INTERESTS:

Human-environment interactions; Community involvement in natural resource management; Natural resource governance; Fisheries management; Marine protected areas; Coastal resiliency; Social-ecological vulnerability to climate impacts; Adaptive capacity in the face of climate change; Human perceptions of environmental conditions and management; Social drivers of environmental behavior

APPOINTMENTS

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| 2020-present | Director, Sustainability Major, San Diego State University |
| 2019-present | Professor, Department of Geography, San Diego State University |
| 2016-2019 | Associate Professor, Department of Geography, San Diego State University |
| 2011-2016 | Assistant Professor, Department of Geography, San Diego State University |
| 2010-2019 | Regional Coral Reef Social Scientist, contractor to NOAA's Coral Reef Conservation Program |
| 2006-2010 | Social Research Project Manager, Joint Institute for Marine and Atmospheric Research (Research Corporation of the University of Hawaii – Pacific Islands Fisheries Science Center) |

EDUCATION

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|------------------------------------|-----------------------------------------------|------------|
| Princeton University | Geological and Geophysical Sciences | B.A., 1995 |
| University of California, Berkeley | Environmental Science, Policy, and Management | Ph.D, 2006 |

PUBLICATIONS:

Peer reviewed journal articles

Vogel, J., **Levine, A.**, Longo, C., Fujita, R., Alves, C., Carroll, G., Craig, J., Dancy, K., Errend, M., Essington, T., Farchadi, N., Glasier, S., Golden, A., Jensen, O., et. al. 2024. Fisheries in flux: Bridging science and policy for climate-resilient management of US fisheries under distributional change. *Marine Policy*, 170, p.106385.

Golden, A., **Levine, A.**, Baskett, M., Holland, D., Mills, K., *Vogel, J. and Essington, T., 2024. Enhancing the adaptive capacity of fisheries to climate change: Bridging academic theory and management practice through practitioner interviews. *Marine Policy*, 168, p.106321.

Konrad, L., **Levine, A.**, Leong, K.M. and Koethe, F., 2024. Understanding perceptions that drive conflict over the endangered Hawaiian monk seal. *Frontiers in Conservation Science*, 5, p.1394063.

Powell, F, **A. Levine**, L. Ordonez-Gauger. (2024) Fishermen's perceptions of management in the California spiny lobster and California market squid fisheries. *Marine Policy*. 161:106015.

Golden, A., M. Baskett, D. Holland, **A. Levine**, K. Mills, T. Essington. 2023. Climate adaptation depends on rebalancing flexibility and rigidity in fisheries management. *ICES Journal of Marine Science*. fsad189.

- Mason, J., S. Weisberg, J. Morano, R. Bell, M. Fitchett, R. Griffis, E. Hazen, W. Heyman, K. Holsman, K. Kleisner, K. Westfall, M. Conrad, M. Daly, A. Golden, C. Harvey, L. Kerr, G. Kirchner, A. Levine, R. Lewison, S. Lucey, W. Morrison, B. Muffley, J. Samhouri, M. Seeley, S., K. Shotwell, D. Stram. 2023. Linking knowledge and action for climate-ready fisheries. *Marine Policy*. 155:105758.
- Quimby, B., A. Roque, E. Nébié, A. Levine, S. Amaama, A. Wutich, A. Brewis, and E. Sameulu. 2023. Blue food sovereignty benefits social-ecological resilience: a case study of small-scale fisheries comanagement and mariculture in Samoa. *Human Ecology*.
- Green, K., A. Spalding, M. Ward, A. Levine, E. Wolters, S. Hamilton, L. Rice. 2023. Oregon Shellfish Farmers: Perceptions of Stressors, Adaptive Strategies, and Policy Linkages. *Ocean and Coastal Management*. 234:106475.
- Palacios-Abrantes, J., S. Crosson, C. Dumas, R. Fujita, A. Levine, C. Longo, O. Jensen. 2023. Quantifying fish range shifts across poorly defined management boundaries. *PlosOne*. 18(1):e0279025.
- Powell, F., A. Levine, L. Ordonez-Gauger. 2022. Fishermen's perceptions of constraints on adaptive capacity in the California market squid and California spiny lobster fisheries. *Frontiers in Marine Science*. 9:1028280.
- Powell, F., A. Levine, L. Ordonez-Gauger. 2022. Climate adaptation in the market squid fishery: Fishermen responses to past variability associated with El Niño Southern Oscillation cycles informs our understanding of adaptive capacity in the face of future climate change. *Climatic Change*. 173:1. p. 1-21.
- Ward, M., A. Spalding, A. Levine, E. Wolters. 2022. California Shellfish Farmers: Perceptions of Changing Ocean Conditions and Strategies for Adaptive Capacity. *Ocean and Coastal Management*. 225:106155.
- Towle, E., C. Donovan, H. Kelsey, M. Allen, H. Barkley, J. Blondeau, R. Brainard, A. Carew, C. Couch, M. Dillard, M. Eakin, K. Edwards, P. Edwards, I. Enochs, C. Fleming, A. Fries, E. Geiger, L. Grove, S. Groves, M. Gorstein, A. Heenan, J. Kimball, J. Koss, T. Kindinger, A. Levine, D. Manzello, N. Miller, T. Oliver, J. Samson, D. Swanson, B. Vargas-Angel, S. Viehman and I. Williams. 2022. A National Status Report on U.S. coral reefs based on 2012-2018 data from NOAA's National Coral Reef Monitoring Program. *Frontiers in Marine Science*. 8:182216.
- Levine, A. (2021) Reducing the prevalence of chemical UV filters from sunscreens in aquatic environments: regulatory, public awareness, and other considerations. *Integrated Environmental Assessment and Management*. 17:5 p. 982-988.
- Konrad, L, A. Levine (2021) Controversy over beach access restrictions at an urban coastal seal rookery: Exploring the drivers of conflict escalation and endurance at Children's Pool Beach in La Jolla, CA. *Marine Policy*. 132:104659.
- Baker, D, G. Murray, J. Kaijage, A. Levine, D. Gill, E. Makupa. (2021) Relationships matter: assessing the impacts of a Marine Protected Area on human wellbeing and relational values in southern Tanzania. *Frontiers in Marine Science*. 8:673045.
- Quimby, B, A. Levine (2021) Adaptive capacity of marine comanagement: a comparative analysis of the influence of colonial legacies and integrated traditional governance on outcomes in the Pacific. *Regional Environmental Change*. 21:10.
- Crook, S. A. Levine, D. Lopez-Carr (2021) Perceptions and application of the ecosystem services approach among Pacific Northwest National Forest managers. *Sustainability*. 13, 1259.
- Lawrence, A, A. Heenan, A. Levine, N. Haddaway, F. Powell, L. Wedding, R. Roche, P. Lawrence, C. Szostek, H. Ford, L. Southworth, J. Sannassy Pilly, L. Richardson, G. Williams (2021)

Spatiotemporal scales of coral reef fish ecological research and management: a systematic map protocol. *Environmental Evidence*. 10:3.

- Allen, M. C. Fleming, S. Gonyo, E. Towle, M. Dillard, **A. Levine**, M. Gorstein, J. Loerzel, S. Regan, B. Zito, P. Edwards (2021) Resident perceptions of ecosystem services provided by U.S. coral reefs: Highlights from the first cycle of the National Coral Reef Monitoring Program's socioeconomic survey. *Water*. 13: 2081. <https://doi.org/10.3390/w1315208>.
- Dundas, S., **A. Levine**, R. Lewison, A. Doerr, C. White, A. Galloway, C. Garza, E. Hazen, J. Padilla-Gamiño, J. Samhouri, A. Spalding, A. Stier, J. White (2020) Integrating Oceans into Climate Policy: Any Green New Deal Needs a Splash of Blue. *Conservation Letters*. 13:5. 1-12.
- Levine, A.** (2020) Sunscreen use and awareness of chemical toxicity amongst beach goers prior to the Hawaii ban on chemical ingredients found to be toxic to coral reef ecosystems. *Marine Policy*. 117: 103875.
- Arroyo, M., **A. Levine**, G. Seingier, L. Brenner, C. Leyva, Espejel, I. (2020) Indicators to measure pressure, state, impact and responses of surf breaks: The case of Bahía de Todos Santos World Surfing Reserve. *Ocean and Coastal Management*. V. 195.
- Friedman, W., Halpern, B., McLeod, E., Beck, M., Duarte, C., Kappel, C., **Levine, A.**, Sluka, R., Adler, S., O'Hara, C., Sterling, E., Tapia-Lewis, S., McClanahan, T., Pendleton, L., Spring, M., Toomey, J., and Weiss, K., J. Montambault (2020) Research priorities for achieving healthy marine ecosystems and human communities in a changing climate. *Frontiers in Marine Sciences*. 7:5.
- Arroyo, M., **A. Levine**, I. Espejel (2019) A transdisciplinary framework proposal for surf break conservation and management: Bahía de Todos Santos World Surfing Reserve. *Ocean and Coastal Management*. 197-211.
- Jones, S., **A. Levine**, N. Jiddawi (2019) Effective co-management and long-term reef fish recovery from severe coral bleaching: Insights from Misali Island, PECCA, Tanzania. *Ocean & Coastal Management*, 178, p.104843.
- Hunter, C., M. Lauer, **A. Levine**, S. Holbrook, A. Rassweiler. (2018) Maneuvering Toward Adaptive Co-management in a Coral Reef Fishery. *Marine Policy*. 98: 77-84.
- Quimby, B., **A. Levine** (2018) Participation, Power, and Equity: examining three key social dimensions of fisheries comanagement. *Sustainability*. 10, 3324.
- Chase, S., and **A. Levine** (2018) Citizen Science: exploring the potential of natural resource monitoring programs to influence environmental attitudes and behaviors. *Conservation Letters*. 11 (2): 1-10.
- Breslow, S., S., Allen, M., Holstein, D., Sojka, B., Barnea, R., Basurto, X., Carothers, C., Charnley, S., Coulthard, S., Dolsak, N., Donatuto, J., García-Quijano, C., Hicks, C., **Levine, A.**, Mascia, M., Norman, K., Poe, M., Satterfield, T., St. Martin, K., Levin, P. (2017) Evaluating Indicators of Human Wellbeing for Ecosystem-Based Management. *Ecosystem Health and Sustainability*. 3 (12): 1-8.
- Charnley S., C. Carothers, T. Satterfield, **A. Levine**, K. Norman, M. Poe, K. Norman, J. Donaturto, M. Mascia, P. Levin, S. Breslow, X. Basurto, C. Hicks, C. Garcia-Quijano, K. St. Martin. (2017) Evaluating the Best Available Social Science for Natural Resource Management Decision-making. *Environmental Science and Policy*. 73. p. 80-88.
- Farley, K., K. Walsh, **A. Levine**. (2017) Opportunities for and obstacles to conservation of rangelands in San Diego County. *Ecology and Society*. 22 (1): 38.
- Hicks, C. **A. Levine**, A. Agrawal, X. Basurto, S. Breslow, C. Carothers, S. Charnley, S. Coulthard, N. Dolsak, J. Donaturto, C. Garcia-Quijano, M. Mascia, K. Norman, M. Poe, T. Satterfield, K. St. Martin, P. Levin (2016) Engage key social concepts for sustainability. *Science*. 352 (6281). p. 38-40.

- Levine, A.** (2016) The development and unravelling of marine resource co-management in the Pemba Channel, Zanzibar: institutions, governance, and the politics of scale. *Regional Environmental Change*. 16 (5). p. 127-1291.
- Chase, S., and **A. Levine** (2016) A framework for evaluating and designing citizen science programs for natural resources monitoring. *Conservation Biology*. 30 (3). p. 456-466.
- Raynal, J., **A. Levine**, M. Comeros-Raynal. (2016) American Samoa's marine protected area system: institutions, governance, and scale. *Journal of International Wildlife Law and Policy*. 19: 4.
- Breslow, S., B. Sojka, R. Barnea, X. Basurto, C. Carothers, S. Charnley, S. Coulthard, N. Dolsak, J. Donaturto, C. Garcia-Quijano, C. Hicks, **A. Levine**, M. Mascia, K. Norman, M. Poe, T. Satterfield, K. St. Martin, P. Levin. (2016) Conceptualizing and operationalizing human wellbeing for ecosystem assessment and management. V. 66, p. 250-259. *Environmental Science and Policy*.
- Heenan, A., K. Gorospe, I. Williams, **A. Levine**, P. Maurin, M. Nadon, T. Oliver, M. Timmers, S. Wongbusarakum, R. Brainard (2016) Ecosystem monitoring for ecosystem management: a call for polycentric monitoring systems. *Journal of Applied Ecology*. 53. p. 699-704.
- Levine, A.** and L. Richmond (2015) Using common-pool resource design principles to assess the viability of community-based fisheries co-management systems in American Samoa and Hawaii. *Marine Policy*. 62: 9-17.
- Levine, A.** and C. Feinholz (2015). Participatory GIS to inform coral reef management: mapping human coastal and ocean uses in Hawaii. *Applied Geography*. 59: 60-69.
- Levine, A.**, L. Richmond, and David Lopez-Carr (2015). Marine resource management: Culture, livelihoods, and governance. *Applied Geography*. 59: 56-59.
- Levine, A.** and L. Richmond (2014). Examining Enabling Conditions for Community-based Fisheries Co-management: Comparing Efforts in Hawaii and American Samoa. *Ecology and Society*. 19 (1): 24.
- Rossiter, J. and **A. Levine** (2014). What makes a “successful” MPA? The unique context of Hawaii’s Fish Replenishment Areas. *Marine Policy*. V. 44, p. 196-203
- Levine, A.**, and F. Sauafea-Leau (2013). Traditional knowledge of marine use and management in American Samoa: Documenting changes over time through interviews with elder fishers. *Pacific Science* 67(3): 395-407.
- Wandesforde-Smith, G., N. Watts, **A. Levine** (2010) Wildlife Conservation and Protected Areas: Darwin, Marx, and Modern Science in the Search for Patterns that Connect. *Journal of International Wildlife Law and Policy*. 13:4. p. 357 – 374.
- Levine, A.** (2007) Staying Afloat: State Agencies, Local Communities, and International Involvement in Marine Protected Areas in Zanzibar, Tanzania. *Conservation and Society*: 5: 562–585.
- Levine, A.** (2006) Local Responses to Marine Conservation in Zanzibar, Tanzania. *University of California Global, Area, and International Archive*. California Digital Library.
- Levine, A.** and Geoffrey Wandesforde-Smith. (2004) Wildlife, Markets, States, and Communities in Africa: Looking Beyond the Invisible Hand. *Journal of International Wildlife Law and Policy*: 7: 135–142.
- Levine, A.** (2004) Local Responses to Marine Conservation in Zanzibar, Tanzania. *Journal of International Wildlife Law and Policy*: 7: 183-202.
- Levine, A.** (2002) Convergence or Convenience: International Development NGOs and Conservation Assistance in Tanzania. *World Development*: 30:6 1043-1055.

Edited Journal Issues:

Levine, Arielle, Laurie Richmond, and David Lopez-Carr, editors (2015) Marine Resource Management: Culture, Livelihoods, and Governance. Special Issue of *Applied Geography*.

Levine, Arielle and Geoffrey Wandesforde-Smith, editors (2004) Wildlife, Markets, States, and Communities in Africa. Special issue of the *Journal of International Wildlife Law and Policy*: 7:14.

Peer reviewed technical memoranda

Gorstein, M., J. Loerzel, P. Edwards, **A. Levine** (2019) National Coral Reef Monitoring Program Socioeconomic Monitoring Component: Summary Findings for USVI, 2017. NOAA Tech. Memo., NOAA-TM-NOS-CRCP-35, 72p. + Appendices.

Gorstein, M., J. Loerzel, P. Edwards, **A. Levine** (2019) National Coral Reef Monitoring Program Socioeconomic Monitoring Component: Summary Findings for CNMI, 2016. US Dep. Commerce, NOAA Tech. Memo. NOAA-TM-NOS-CRCP-34, 69p. + Appendices.

Gorstein, M., J. Loerzel, **A. Levine**, P. Edwards, and M. Dillard (2018) National Coral Reef Monitoring Program Socioeconomic Monitoring Component: Component: Summary Findings for Guam, 2016. US Dep. Commerce, NOAA Tech. Memo., NOAA-TM-NOS-CRCP-32, 64p. + Appendices.

M. Gorstein, J. Loerzel, **A. Levine**, P. Edwards, and M. Dillard (2018) National Coral Reef Monitoring Program Socioeconomic Monitoring Component: Summary Findings for Hawaii, 2015. US Dep. Commerce, NOAA Tech. Memo., NOAA-TM-NOS-CRCP-30, 69p. + Appendices.

Gorstein, M., J. Loerzel and P. Edwards, **A. Levine**, M. Dillard (2017) National Coral Reef Monitoring Program Socioeconomic Monitoring Component. Summary Findings for Puerto Rico, 2015. *NOAA Technical Memorandum CRCP* 28, 64 p. + Appendices. DOI: 10.7289/V5BP00V9.

Levine, A., M. Dillard, J. Loerzel and P. Edwards (2016) National Coral Reef Monitoring Program Socioeconomic Monitoring Component. Summary Findings for American Samoa, 2014. *NOAA Technical Memorandum CRCP* 24, 80 p. + Appendices.

Gorstein, M., M. Dillard, J. Loerzel and P. Edwards, **Levine, A.** (2016) National Coral Reef Monitoring Program Socioeconomic Monitoring Component. Summary Findings for Florida, 2014. *NOAA Technical Memorandum CRCP* 25, 57 p. + Appendices. DOI: 10.7289/V5VH5KV5.

Richmond, L. and **A. Levine**. (2012) Institutional analysis of community-based marine resource management initiatives in Hawaii and American Samoa. *NOAA Technical Memorandum*. NOAA-TM-NMFS-PIFSC-35, 48 p. + Appendices.

Armstrong, K., D. Herdrich, **A. Levine** (2010) Historic fishing methods in American Samoa. *NOAA Technical Memorandum*. NOAA-TM-NMFS-PIFSC-23, 70 p. + Appendices.

Levine, A., and S. Allen (2009) American Samoa as a Fishing Community. *NOAA Technical Memorandum* NOAA-TM-NMFS-PIFSC-19.

Book Reviews

Levine, A. (2006) Review of Christine Walley. Rough Waters: Nature and Development in an East African Marine Park. *Journal of International Wildlife Law and Policy*: 9:1.

Published Reports

Mason, J., S. Weisberg, J. Morano, R. Bell, M. Fitchett, R. Griffis, E. Hazen, W. Heyman, K. Holsman, K. Kleisner, K. Westfall, M. Conrad, M. Daly, A. Golden, C. Harvey, L. Kerr, A. Levine, R.

Lewison, W. Morrison, B. Muffley, J. Samhouri, M. Seeley, S. Shotwell. Linking knowledge and action for climate-ready fisheries: emerging best practices across the U.S. Collaborative White paper. (December 2022)

Hofmann, G.E.*., Hazen, E.L.*., Ambrose, R.F., Aseltine-Nelson, D., Carter H., Caselle, J.E., Chan, F., Kone, D., **Levine, A.**, Micheli, F., Panos, D., Sunday, J., White, J.W. Climate Resilience and California's Marine Protected Area Network: A Report by the Ocean Protection Council Science Advisory Team Working Group and California Ocean Science Trust, June 2021. (*Working Group co-chairs, other co-authors in alphabetical order)

Levine, A. (2019) Sunscreen Use in Hawaii: An Assessment of Beach-goer Use of Sunscreen Prior to Implementation of the 2021 Chemical Ban. Sept. 2019.

https://www.kohalacenter.org/docs/reports/Sunscreen_Report_Sept2019.pdf

Heenan, A. K. Gorospe, **A. Levine**, J. Raynal, and A. Lawrence. (2017) Linking local and national data to improve marine managed area monitoring and data quality in Tutuila, American Samoa: a feasibility report. PIFSC Working Paper WP-17-001.

Edwards, P., **A. Levine**, M.. Dillard, and J. Loerzel. (2016) National Oceanic and Atmospheric Administration Coral Reef Conservatiton Program Social Science Strategy: 2016-2021. NOAA NOS, Silver Spring, MD.

Levine, A. and S. Kilarski. (2015) Socioeconomic survey on the Marine Environment, Pollution, and Village Adaptive Capacity in American Samoa: Vatia, Aunu'u, and Faga'alu Villages Survey Results. NOAA Coral Reef Conservation Program.

Levine, A. and S. Kilarski. (2014) National Coral Reef Monitoring Program (NCRMP) Socioeconomic Monitoring for U.S. Coral Reef Jurisdictions: American Samoa Survey Results. NOAA Coral Reef Conservation Program.

Levine, A. and C. Reynolds. (2014) Watershed and Coastal Mapping Mapbook: Utulei, Faga'alu, Fatumafuti. Results from participatory coastal and watershed mapping in priority MPA network sites. NOAA Coral Reef Conservation Program.

http://data.nodc.noaa.gov/coris/library/NOAA/CRCP/project/169/Watershed_and_Coastal_Mapbook.pdf

Levine, A., K. Mausio, and C. Reynolds. (2013) Fagaloa Coastal Uses Mapbook: Results from the participatory coastal uses mapping project in the Fagaloa harbor region, American Samoa. NOAA Coral Reef Conservation Program. http://data.nodc.noaa.gov/coris/library/NOAA/CRCP/project/169/Watershed_and_Coastal_Mapbook.pdf

Levine, A. and K. Mausio (2012) West Maui Coastal Uses Participatory Mapping Project: Human Uses Map Book. Results from the Participatory Coastal Uses Mapping Workshops, Honolu – Wahikuli Region, West Maui. NOAA CRCP and Hawaii Division of Aquatic Resources.

http://www.hawaiicoralreefstrategy.com/PDFs/4_Priority_Sites_West_Maui/West_Maui_Coastal_Uses_Mapbook_Web.pdf

Levine, A. and M. D'Iorio (2011) Hawai'i Coastal Use Mapping Project: Ocean Uses Map Book. Results from the Participatory Ocean Use Mapping Workshops, South Kohala and North Kona Districts. NOAA CRCP, MPA Center, and HI Division of Aquatic Resources.

http://www.mpa.gov/pdf/atlas/hi/hi_coastal_use_mapbook.pdf

Loper, C., **A. Levine**, J. Agar, M. Hamnett, V. Leeworthy, M. Valdes-Pizzini, and K. Wallmo. (2010) NOAA Coral Reef Conservation Program Social Science Strategy: 2010-2015.

http://data.nodc.noaa.gov/coris/library/NOAA/CRCP/project/20448/CRCP_Social_Science_Strategy.pdf

Fesenmyer, K., **A. Levine**, and R. Neumann (2005) Channel Islands National Park Business Plan. National Park Service.

Levine, A. (2002) Overview of Fishing on Misali. In: Misali Island Conservation Project Review Workshop: Report on Proceedings and Results. Pemba, Tanzania. May 4-7. CARE International.

Documentary Video

Palolo: The cultural and environmental significance of American Samoa's Marine Worm. 2008. **Arielle Levine**, Producer, Editor, Scripting. Fred Ahoia, Director, Editor. Copyright: Pacific Islands Fisheries Science Center and American Samoa Department of Marine and Wildlife Resources. Rootz Island Productions.

Current Research Grants

National Oceanic and Atmospheric Administration: *Assessing Community Vulnerability to Ocean Acidification Across the California Current Ecosystem*, Role = PI for SDSU in Collaborative Grant with U.C. Davis, U. Oregon, and CA Ocean Science Trust (\$396,434 to SDSU; total grant = \$1,040,662), Sept. 2020 – Aug. 2024.

Pew Foundation (Lenfest Ocean Program): *Managing Across Boundaries: Preventing Interjurisdictional Conflicts Arising From Shifting Fish Stocks*, Role = Co-PI, collaborative grant with Environmental Defense Fund and U. Wisconsin (\$313,621), Sept. 2020 – March 2025.

Pew Foundation (Lenfest Ocean Program): *Enhancing adaptive capacity assessment in fisheries decision making: Identifying barriers and ways to overcome them*, Role = Co-PI, collaborative grant with U. Washington (\$33,336 to SDSU; total grant = \$288,695), June 2021 – May 2024.

Courses Taught

GEOG 170: Sustainable Places and Practices

HONOR 413: Culture and Environment

GEOG 496: Oceans, Coasts, and Society

GEOG 570: Environmental Conservation Practice

GEOG 670: Environmental Conservation Theory (Social-Ecological Systems)

GEOG 700: Research Design in Geography

GEOG 770: Seminar in Environmental Conservation (Environmental Governance)

Professional Service

Science Advisory Team Member to California Ocean Protection Council (2019 – present)

Ocean Science Trust Working Group Member: Assessing Climate Resilience of California's Marine Protected Area Network (2019-2021)

Social Science Working Group member: NOAA CESSRST (2018 – present)

Editorial Board Member: *Journal of International Wildlife Law and Policy* (2015 – present)