



**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
NATIONAL MARINE FISHERIES SERVICE  
West Coast Region  
7600 Sand Point Way, NE, Bldg. 1  
SEATTLE, WA 98115

*31 May 2023*

RE: Serving on the Social Science Plan Team

Dear Sarah Marrinan,

I am writing with my interest in serving on the Social Science Plan Team (SSPT). I am a marine anthropologist with over a decade of experience in the social sciences, six of which has been at the Alaska Fisheries Science Center. The focus of my research is on the intersection of human experience, fisheries, science, and policy in the marine environment. In my position as social scientist at the Alaska Fisheries Science Center, I have focused on climate impacts and fishing communities in the Bering and Chukchi seas. I also continue to explore the role of knowledge production and decision-making processes under conditions of rapid social and ecological change. My work is inclusive and interdisciplinary with the overarching aim of providing necessary information for effective decision-making.

My interest in serving on the SSPT stems from my experience as co-chair on the Bering Sea Fisheries Ecosystem Plan Action Module: Local Knowledge, Traditional Knowledge, Subsistence taskforce. The years spend working in the taskforce provided a window into the North Pacific Fishery Management Council process and motivated me to get more involved. I fully support strong linkages across science and management to ensure the use of best available science. I believe social science has a vital role in informing management decision-making in fisheries management. The SSPT is an excellent vehicle to ensure robust data collection, analytical techniques, and systematic application of social science to support the accessibility of best available science to NPFMC bodies.

My AFSC supervisor has given his support for my service and approval of estimated time requirements. I have attached my abbreviated CV; please let me know if you would like a full CV or any additional information at this time. I look forward to hearing from you and learning more about the possibility of contributing my time and training.

Thank you for your consideration,

Sarah Wise



## Curriculum Vitae

**Sarah P. Wise, Ph.D.**

NOAA - Alaska Fisheries Science Center  
7600 Sand Point Way  
Seattle, WA 98115

Tel: 206.388.7788

Email: [sarah.wise@noaa.gov](mailto:sarah.wise@noaa.gov)

### EDUCATION

<b>Ph.D.</b>	<b>Anthropology, Rutgers University</b>	2012
	<i>Concentrations:</i> environmental anthropology, political ecology, Linguistic anthropology, common pool resources <i>Certificate</i> - Human Dimensions of Environmental Change	2008
<b>M.S.</b>	<b>Environmental Policy, Bard Center for Environmental Policy, Bard College</b>	2004
<b>B.A.</b>	<b>English, Political Science, Mount Holyoke College</b>	1992

### PROFESSIONAL EXPERIENCE

<b>Social Scientist</b> , Alaska Fisheries Science Center, NOAA, Seattle, WA	2017-present
<b>Post-doctoral Research Associate</b> , Rutgers University, Geog. Dept. New Jersey	2015-2017
<b>Associate scientist</b> , MARUM Internatl. Grad. School for Marine Sciences, Germany	2013-2015
<b>Social Scientist</b> , Northwest Fisheries Science Center, NOAA, Seattle, WA	2011-2012

### SELECT PUBLICATIONS

- Wise S., Lee J., Abelman A., Kasperski S., Reynolds J., Parks M. (2023). "Annual Community Engagement and Participation Overview (ACEPO)". Alaska Fisheries Science Center, NMFS.
- Haapala K., Wise S., Anungazuk Jr. T., Donkersloot R., Mansfield B., Murphy R., Peter D. Raymond-Yakoubian J., Slats R., Swetsof S., Trainor A. (2023). "Onramps for Local Knowledge, Traditional Knowledge, and Subsistence Information in the North Pacific Fishery Management." North Pacific Fishery Management Council.
- Haapala K., Wise S., Anungazuk Jr. T., Donkersloot R., Mansfield B., Murphy R., Peter D. Raymond-Yakoubian J., Slats R., Swetsof S., Trainor A. (2023). "Protocol for Identifying, Analyzing, and Incorporating Local Knowledge, Traditional Knowledge, and Subsistence Information into the North Pacific Fishery Management Council's Decision-making Process." North Pacific Fishery Management Council.
- Smith, S. L., Cook, S., Golden, A., Iwane, M. A., Kleiber, D., Leong, K. M., ... & Wise, S. (2022). "Review of adaptations of US Commercial Fisheries in response to the COVID-19 pandemic using the Resist-Accept-Direct (RAD) framework." *Fisheries Management and Ecology*.
- Tempel, J. T. L., Wise, S., Osborne, T. Q., Sparks, K., & Atkinson, S. (2021). Life without ice: Perceptions of environmental impacts on marine resources and subsistence users of St. Lawrence Island. *Ocean & Coastal Management*, 212, 105819.
- Leong, K. M., Torres, A., & Wise, S. (2020). Beyond recreation: when fishing motivations are more than sport or pleasure. NOAA technical paper, Pacific Islands Fisheries Science Center-NMFS.
- Campbell, L. M., St Martin, K., Fairbanks, L., Boucquey, N., & Wise, S. (2020). The portal is the plan: Governing US oceans in regional assemblages. *Maritime Studies*, 19(3), 285-297.

- Boucquey, N., Martin, K. S., Fairbanks, L., Campbell, L. M., & Wise, S. (2019). Ocean data portals: Performing a new infrastructure for ocean governance. *Environment and Planning D: Society and Space*, 37(3), 484-503.
- Lavoie A., J. Lee, K. Sparks, G. Hoseth, S. Wise. 2019. "Engaging with Women's Knowledge in Bristol Bay Fisheries through Oral History and Participatory Ethnography" (*Fisheries*)
- Fairbanks, L., N. Boucquey, L. Campbell, and S. Wise. 2019. "Remaking Oceans Governance: Critical Perspectives on Marine Spatial Planning." *Environment and Planning D: Society and Space*.
- Wise, S., Sparks, K., Lee, J., Kasperski, S. (2019). Annual Community Engagement and Participation Overview (ACEPO). Alaska Fisheries Science Center, NMFS.
- Shotwell, S. K., Fissel, B., Hanselman, D. H., Rodgveller, C. J., Fenske, K. H., Echave, K. B., ... & Lunsford, C. R. (2018). Ecosystem-socioeconomic profile of the sablefish stock in Alaska. Assessment of the Sablefish stock in Alaska. Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea Aleutian Islands and Gulf of Alaska, 155-181, contributing author
- Zador, S., & Ortiz, I. (2018). Ecosystem Status Report 2018: Aleutian Islands, Stock Assessment and Fishery Evaluation Report. North Pacific Fishery Management Council, 605, 130.
- Wise S. 2015. "Conflict and Collaboration in Marine Conservation Work: transcending boundaries and encountering flamingos" in *Human Wildlife Conflict*. Edited by Megan M. Draheim, Francine Madden, Julie-Beth McCarthy, E.C. Parsons. New York. Oxford University Press.
- Wise, S. 2014 "Learning through Experience: Non-Implementation and the Challenges of Protected Area Conservation in The Bahamas." *Marine Policy*, 2014 (46): 111-118
- Schlüter, A., Wise, S., Schwerdtner-Máñez, K., Weber de Morais, G., Glaser, M. 2013. "Institutional Change, Sustainability and the Sea" in *Sustainability*, 2013: 5
- Wise, S. & A. Moore. "Underground, Undersea: The Uses and Perceptions of Bahamian Blue Holes." *Underwater Speleology* 40(1): 20-23, 2013,
- Wise, S. April 2012. "Collaboration and Translatability" in *Anthropology News, Anthropology & Environment Section*
- Under Review*
- Wise, S. "Amphibious Governance: Managing the littoral in three case studies" in *Amphibious Anthropologies: human lives between wet and dry*. Edited by Franz Krause, Alejandro Camargo, and Luisa Cortesi.
- Boucquey N., Fly J., Boonstra W., Drakopoulos L., Leong K., Marjadi M., Wise S., Fairbanks L. Book chapter in edited volume, *Understanding Recreational Fishers (forthcoming)*.

#### SELECTED PRESENTATIONS

- Society for Applied Anthropology, 2017, 2018, 2019, 2021, 2022, *various presentations*.
- North Pacific Marine Science Organization-PICES. 2022. "*Multiple Ways of Knowing in Decision-making*"
- North Pacific Marine Fisheries Council. 2021, 2022, 2023, "*Local Knowledge and Traditional Knowledge Taskforce*," presentation to all Council bodies.
- North Pacific Marine Fisheries Council, Science and Statistical Committee. "*Annual Community Engagement and Participation Overview (ACEPO)*". 2023
- MARE University of Amsterdam Centre for Maritime Research, 2021. "*The role of story (and other!) maps in performing a digital ocean for marine spatial planning*"
- MARE University of Amsterdam Centre for Maritime Research. "*Ocean Stories: Framing the sea for management.*" 2019.

World Forum on Climate Justice "*Climate Change, Equity, and Alaska Native Traditional Knowledge in Fisheries Management.*" Co-author presentation 2019

Kodiak Archipelago Rural Regional Leadership Forum. "*Fishing Communities, Well-being, and the Role of Schools*" Invited Speaker, 2018

Western Alaska Interdisciplinary Science Conference and Forum. "*Sharing Knowledge(s): Learning from each other in a changing environment*" panel organizer, 2018

Bristol Bay Native Association. "*Bring Voice to the Bering Sea Fisheries Ecosystem Plan.*" Co-organizer, 2018

American Anthropological Association, "*Familiar Adaptations: Addressing global environmental change through social innovation in the marine and coastal realms.*" Panel organizer, 2016

MARE University of Amsterdam Centre for Maritime Research "*Beyond the Map: The process of marine spatial planning and the work it does*" on panel Performing Community and Environment in Marine Spatial Planning: Exploring the U.S. Approach. Panel Organizer, 2015

5th Early Career Scientists Conference for Marine and Climate Research: Natural and Social Aspects of the Earth System, "*Better understanding and planning for global change: Maritime spatial planning as a tool for interdisciplinarity.*" Conference organizer, 2014

Society for Applied Anthropology, "*Spatial Associations & Narratives of Legitimacy: The practice of Marine Spatial Planning in the North Sea littoral*" on panel: "Meaningful Engagements with Dr. Bonnie McCay: past work and future destinations in interdisciplinary research." Panel Organizer/Chair, 2014

GLOMAR Advisory Board, "*Making Room for Coastal Users: Renewable energies and the practice of marine spatial planning in the North Sea.*" Invited Speaker, 2014

Leibniz Center for Tropical Marine Ecology, "*Claiming the Coast: Enclosure Conservation & Legitimacy in The Bahamas.*" Invited Speaker, 2013

MARUM – Center for Marine Environmental Sciences, "*Bridging the Gap: Marine Conservation and Social Science in The Bahamas,*" Invited speaker, 2013

Interdisciplinary Conference of Young Earth System Scientists, "*Uncertainty, Climate Science, and the Divine: Interdisciplinary Understanding of Blue Holes in The Bahamas.*" Best Presentation Award, 2013

Natural History of The Bahamas Conference, Bahamas National Trust, "*A Social Science Perspective of Marine Protected Area Conservation in The Bahamas*" 2013

American Anthropological Association, "*Making Space, Marking Boundaries: Enclosure Conservation and the Social Elite in The Bahamas*" (on panel: Marine Protected Areas and Environmental Tourism, 2012

Global Health Fair, Centers for Global Advancement and International Affairs, Rutgers University, "*Global Implications of Co-Sleeping in Relation to Father's Role in Infancy,*" Poster presentation, 2012

American Anthropological Association, "*Island Making: Science, Exceptionalism and Enclosure Conservation*" on AAA panel: Islands as Contemporary Locations: How Tourism and Environment Recreate Island Forms, Reconstruct Vulnerabilities and Promote Exceptionalism, Panel Organizer/Chair, 2011

Nature™ Inc? Questioning the Market Panacea in Policy and Conservation, *“Owning the Sea in an Archipelago Nation: Enclosure Conservation in The Bahamas”* 2011

MARE University of Amsterdam Centre for Maritime Research, *“Negotiating Fluid Boundaries: Enclosure Conservation and Constructing Legitimacy in Andros Island, The Bahamas,”* poster presentation, 2011

Society for Applied Anthropology, *“Conservation Science as Spectacle: Unintended Consequences and the Pursuit of Knowledge of Bahamian Blue Holes”* on panel: Environmental Change and Conservation, 2011

International Marine Congress - Society for Conservation Biology, *“Reproducing Disparities: Marine Science and the Focus on Bahamian Fishermen”* 2011

American Anthropological Association, *“Bahamian Blue Holes as Indicators of Change: Shifts in Climate and Practice”* on panel: Climate Change, Risk Management, & Resettlement, Chair, 2010

American Museum of Natural History, The Center for Biodiversity Conservation, Bahamas Biocomplexity Project Workshop, *“Understanding Human Dimensions of Biodiversity Conservation: Bahamian Case Studies,”* Co-organizer 2010

American Museum of Natural History, The Center for Biodiversity Conservation, Bahamas Biocomplexity Project Workshop, *“The Blue Holes of Andros Island: Memories, Stories, and Ideas about Bahamian Aquatic Caves,”* Co-organizer, 2010

American Museum of Natural History, The Center for Biodiversity Conservation, Bahamas Biocomplexity Project Workshop, *“‘It’s a Man’s World Out There:’ Gender and Conservation Perspectives in The Biminis, Bahamas,”* Co-organizer, 2010

Young Bahamian Marine Scientists, *“Looking Down the Hole: Ethnographic Exploration of Blue Holes in Andros Island, The Bahamas,”* Invited Speaker, 2009

Bahamas National Trust, *“Fear and Functionality: Generational differences in how residents perceive and use aquatic caves in Andros Island, The Bahamas,”* Invited Speaker, 2009

College of the Bahamas and HUB Community Center, *“The Blue Holes of Andros: Cultural, Historical and Environmental Significance of Aquatic Caves in The Bahamas”* 2009

American Anthropological Association, *“Community-Based Management and Self-Governance: a Neoliberal Idea?”* on AAA panel: Neoliberal Strategies and the Production of Social and Environmental Insecurities in Fisheries Management. Chair, 2007

Rutgers University, Department of Anthropology *“Marine Protected Areas, Conservation and Shifting Perceptions of Ownership in The Bahamas,”* 2006

#### **GRANTS, FELLOWSHIPS AND HONORS**

- Climate and Fisheries Adaptation Program, 2023-2026  
*Advancing climate informed decision-making tools for Alaska fishing communities through transdisciplinary research*
- North Pacific Research Board, 2023-2025  
*Bridging Knowledge Systems in the Bering Sea to inform management*
- National Science Foundation RAPID grant, 2019-2021  
*Rebuilding Resilience after ‘Generational Devastation’: Exploring Society, Infrastructure, and Governance in the Bahamas in the wake of Hurricane Dorian*

- The Nature Conservancy, 2017  
*Socio-economic and governance principles in The Bahamas*
- MARUM junior scholar research fellowship (2014, 2015)
- Rutgers University Graduate Assistantship (2011-2012)
- UNESCO Climate Frontlines Grant (2010)
- Abess Center for Ecosystem Science and Policy Grant (2009)
- National Science Foundation - Doctoral Dissertation Improvement Grant (2008-2009)
- Bigel Grants (2005, 2007, 2008)
- Rutgers University Graduate Assistantship (2007-2008)
- Summer Research fellowship (2007, *declined*)
- Social Sciences Research Council - Dissertation Development Fellowship (2007)
- Special Study Opportunity Grant (2007)
- Rutgers University Graduate Fellowship (2005-2007)
- The Ruth Landes Memorial Fund Training Grant (2006)
- Rutgers University Human Ecology Grant (2006)
- Resources for the Future Summer Fellowship (2005)
- Bard Center for Environmental Policy Graduate Fellowship (2003-2004)

#### PROFESSIONAL SERVICE

2018-present	Local Knowledge, Traditional Knowledge, and Subsistence Taskforce	
2018-present	Bering Sea Fisheries Ecosystem Work group	
2013-2014	Scientific Organizing Committee	
	5th Early Career Scientists Conference for Marine and Climate Research: Natural and Social Aspects of the Earth System. University of Bremen, Germany	
2010-2011	Student Advising Collective Anthropology Department, Rutgers University	
2006-2011	Founding member	Graduate Student Interdisciplinary Reading Group
2007-2008	Co-president	Anthropology Graduate Student Association
2006-2008	Graduate Mentor	Anthropology Department, Rutgers University

#### PROFESSIONAL ASSOCIATIONS AND MEMBERSHIP

- International Network for Social Studies of Marine Energy
- Marine Spatial Planning Research Network
- Small-scale and Artisanal Fisheries Research Network
- American Anthropological Association
- Society for Applied Anthropology
- European Anthropological Association

#### TECHNOLOGICAL EXPERIENCE

- Training in Atlas.ti, NVivo, and MAXQDA software for qualitative data analysis
- Training in SPSS software for quantitative data analysis
- Training in GIS software to generate and modify maps
- Knowledge of Photoshop, Microsoft Access, Excel, QuarkXpress, and InDesign for publication design

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**Languages:** English – native; French – proficient (6 years); German – intermediate (2 years); Italian – beginning (1 year)