

Federal Agency Approaches to Reducing Vessel Strike of Cetaceans

Webinar Meeting of the Marine Mammal Commission

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Presenter Biographies:

- **Caroline Good** is a large whale ecologist with the National Marine Fisheries Service (NMFS) Office of Protected Resources, Cetacean and Pinniped Conservation team in Washington, DC. She leads the agency's efforts on North Atlantic right whale vessel strike related conservation and management. Prior to joining NMFS, Caroline was a scientific consultant in Washington, DC and Officer with the Lenfest Ocean Program. She previously served on the NMFS' Atlantic Large Whale Take Reduction Team which is tasked with addressing right whale entanglement in fishing gear. Caroline holds a bachelor's degree from Bowdoin College, a Master's degree in coastal environmental management from the Nicholas School of the Environment at Duke University and a Ph.D. in marine ecology from Duke University.
- **Katie Moore** is the Living Marine Resources Program Manager for the U.S. Coast Guard Atlantic Command. She serves as the lead marine resources enforcement and conservation subject matter expert and advisor to the Operational Commander of the Rockies to the Arabian Gulf including 5 districts and 42 states. Ms. Moore drafts policy, develops operational direction, and oversees operations for domestic and international fisheries and protected resources for the Atlantic, Gulf of Mexico, and the Caribbean. She represents USCG on eight domestic interagency bodies, including Take Reduction Teams and two Right Whale Recovery Teams. Ms. Moore is active internationally through serving as USCG's fisheries expert to the North Atlantic Coast Guard Forum and International Convention for the Conservation of Atlantic Tunas. Ms. Moore earned her Masters in Environmental Management from Duke University. She has demonstrated her civil service impact by receiving the DHS Environmental Achievement Award for an Individual in Resource Management, USCG Superior Performance Award for Natural Resource Protection and Management, and The Coastal Society's Presidential Award. Her efforts also contributed to a Meritorious Unit Commendation, Presidential Unit Citation, Civilian Service Commendation Medal, Species in the Spotlight recognition from NOAA, and USCG Civilian Employee of the Year.
- **Dave Wiley** is the Research Ecologist for the National Oceanic and Atmospheric Agency's (NOAA) Stellwagen Bank National Marine Sanctuary. He received his PhD in Environmental Studies from Antioch University with a focus on environmental decision-making and conservation biology. Dr. Wiley's research has ranged from studying the reproductive and foraging ecology of endangered whales to mapping marine toxic/hazardous waste sites. He has worked with fishermen to redesign fishing gear to reduce the risk of whale entanglement and pioneered methods to successfully rescue mass stranded whales and dolphins. Currently he is leading multi-organizational studies using advanced telemetry and novel visualization software to explore the underwater behavior of endangered whales, satellite telemetry to understand the movements and foraging ecology of Great Shearwater seabirds, and the ecology/climate impacts of sand lance

forage fish. His results have appeared in scientific journals ranging from *Animal Behaviour* to *Conservation Biology*. He is the recipient of numerous awards including a Switzer Environmental Leadership Award, Gulf of Maine Visionary Award, NextGov Bold Award for Scientific Innovation, the Society for Marine Mammalogy's award for Excellence in Scientific Communication and an Ian Axford Fulbright Fellowship. He has been recognized as NOAA's Employee of the Year for Science; and awarded the US Department of Commerce Gold Medal for Scientific Leadership. He is also adjunct faculty in the College of Science and Mathematics at the University of Massachusetts Boston and affiliate faculty in the Department of Fisheries and Wildlife at Oregon State University.

- **Michael Carver** is the Deputy Superintendent for Cordell Bank National Marine Sanctuary. He has been with the Office of National Marine Sanctuaries since 2000. Originally from Wayne, Pennsylvania, Michael moved to North Carolina to complete his Bachelor of Science in Natural Resource Management at North Carolina State University. Michael was hired directly out of school to work for NOAA to start the sanctuary's at-sea monitoring program. Michael's responsibilities include overseeing enforcement, office and field operations, and management actions to address threats to the marine environment of the sanctuary. Ever since five whales were confirmed killed by ship strikes in 2010, Michael has worked tirelessly with partner agencies, industry, and the NGO community to address the ship strike issue. In 2014 his team was awarded the Department of Commerce Gold Medal for personal and professional excellence in their efforts.
- **Sean Hastings** is the Policy, Management and Information Officer with NOAA's Channel Islands National Marine Sanctuary. He is responsible for the development of policies and programs to address industrial, military, commercial and recreational uses and impacts in and around the sanctuary. He also handles emergency response, enforcement, permits, community relations, and is a liaison to the media. Sean helped to create the marine protected area network to restore local fish and invertebrate populations and habitats in the sanctuary, and helped the state of California to do the same in state waters on the mainland. With a multi-agency coalition and community support he has helped to move commercial shipping lanes and slow vessels down to protect endangered whales. Sean has a Master of Marine Affairs degree from the School of Marine Affairs, University of Washington, and a Bachelor of Arts in environmental studies, University of California at Santa Cruz.
- **Chris Gabriele** is a whale biologist at Glacier Bay National Park, where she has worked since 1991 studying the life history, behavior and vocalizations of humpback whales and characterizing the contributions of vessel traffic to the underwater sound environment. Glacier Bay has a long history of using science, regulation, and outreach to understand and manage vessel traffic so as to protect humpback whales from vessel collisions and disturbance.