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FARALLONES
ASSOCIATION**



**GREATER FARALLONES
& CORDELL BANK**
NATIONAL MARINE SANCTUARIES



Protecting Whales in a Changing Climate through MPA Collaboration

January 17-19, 2024, 8am-12pm PST (GMT -8)

Zoom Link: <https://us06web.zoom.us/j/82859922896?pwd=vUsY2lJ6VG4l0Dlt9RS64HZMxvutB.1>

Meeting ID: 828 5992 2896

Passcode: 619431

Day 1: January 17, 8am - 12pm PST <i>Whale Distribution and Impacts</i>			
Topic	Time	Title	Speaker(s)
Welcome	8:00 - 8:05		Maria Brown, Greater Farallones and Cordell Bank National Marine Sanctuaries
Opening Remarks	8:05 - 8:25		Asha deVos, OceanSwell
Agenda Overview	8:25 - 8:30		Sara Hutto, Greater Farallones Association
Where are whales in the global ocean?	8:30 - 9:00	Overview of global whale populations and migratory corridors	Ari Friedlander, University of California, Santa Cruz
BREAK	9:00 - 9:05		
What are the observed and predicted impacts of climate change on whale distribution and movement?	9:05 - 9:10	Introduction	Sara Hutto
	9:10 - 9:35	US West Coast case study: Scales of Whales: Using nowcasts, forecasts, and projections to predict climate impacts on blue and humpback whales in the California Current System	Nerea Lezama-Ochoa and Heather Welch, University of California, Santa Cruz and NOAA Southwest Fisheries Science Center
	9:35 - 9:50	Arctic case study: Observed climate impacts on whale distribution and movements	Kate Stafford, Oregon State University
	9:50 - 10:05	Antarctic case study: Current and predicted climate impacts on the distribution and density of	Ari Friedlander, University of California, Santa Cruz

		endangered whales in the Antarctic region	
	10:05 - 10:25	Panel Q/A	
BREAK	10:25 - 10:35		
Where are whales at greatest threat from ship strikes in the global ocean, and how do these areas overlap with MPAs?	10:35 - 10:40	Introduction	Jess Morten, California Marine Sanctuary Foundation
	10:40 - 11:00	An eco-informatics approach to map the risk of whale-ship collisions across the world's oceans	Anna Nisi, University of Washington and The Nature Conservancy
	11:00 - 11:25	Do MPAs benefit whales? An overview of the ProtectedSeas Navigator and if / how regulatory marine protections along the U.S. West Coast help protect whale migratory corridors	Jenn Sletten, Protected Seas
	11:25 - 11:50	Facilitated Q/A and group discussion	
Closing	11:50 - 12:00		Maria Brown

DAY 2: January 18, 8am - 12pm PST <i>Management Measures to Reduce Ship Strikes</i>			
Topic	Time	Title	Speaker(s)
Welcome Agenda overview	8:00 - 8:10		Maria Brown Sara Hutto
What are the management measures being implemented to address cumulative impacts to whales, how effective are they, and how adaptive/responsive to climate-driven changes are these management measures?	8:10 - 8:25	Opening remarks	Jose Julio Casas, Pro Tempore Director, Eastern Tropical Pacific Marine Corridor (CMAR)
	8:25 - 8:45	<u>Sri Lanka</u> : The importance of local leadership and an industry perspective on whale protection measures	Asha de Vos, OceanSwell; Bryan Wood Thomas, World Shipping Council
	8:45 - 9:00	<u>Brazil and the Southwest Atlantic Ocean</u> : ship strike mitigation initiatives and the IMMA process	Jose Palazzo, Brazilian Humpback Whale Institute -

			Instituto Baleia Jubarte
	9:00 - 9:15	<u>Mediterranean</u> : Important Marine Mammal Areas and ship strikes: the Western Mediterranean PSSA scenario	Simone Panigada, Tethys Research Institute
	9:15 - 9:30	<u>Mediterranean</u> : Ship strike voluntary measures in the Hellenic Trench, Greece: a safe alternative or a stepping stone towards mandatory measures?	Amalia Alberini, World Wildlife Fund
Panel Discussion	9:30 - 10:00		
BREAK	10:00 - 10:10		
[continued] What are the management measures being implemented to address cumulative impacts to whales, how effective are they, and how adaptive/responsive to climate-driven changes are these management measures?	10:10 - 10:25	<u>Mexico</u> : Cases of impact to cetaceans by vessels associated with the commercial port of Manzanillo, Colima, Mexico	Dr. Christian Daniel Ortega Ortiz, Universidad de Colima
	10:25 - 10:40	<u>Canada</u> : Measures to Protect North Atlantic Right Whales from ship strikes in the Gulf of St Lawrence	Pierre Beaufils, Transport Canada
	10:40 - 11:00	<u>US East coast</u> : Seasonal Management Areas and industry engagement to protect North Atlantic Right Whales	Dave Wiley, Stellwagen Bank National Marine Sanctuary; Caroline Good, NOAA Office of Protected Resources
	11:00 - 11:15	<u>US West coast</u> : Shifting ships in time and space to reduce ship strike risk	Sean Hastings, Channel Islands National Marine Sanctuary
Panel Discussion	11:15 - 11:45		
Closing	11:45 -12:00		Maria Brown

DAY 3: January 19, 8:00 - 11:20am PST <i>Learning Through Dialogue: Facilitated small group discussions</i>			
Topic	Time	Subject matter	Speaker(s)
Welcome Agenda overview	8:00 - 8:10		Maria Brown Sara Hutto
Opening remarks	8:10 - 8:20		Lisa Qiluqqi Koperqualuk, Inuit Circumpolar Council
Transition to breakout groups	8:20 - 8:25		
Breakout 1: the role of MPAs	8:25 - 9:10	What is the role of MPAs, ICCAs (Indigenous and Community Conserved Areas) and OECMs (Other Effective area-based Conservation Measures) in implementing management measures and advancing whale conservation? How can these tools conserve whales more effectively as whales move across national and international waters? What is the intersection between IMMAs, PSSAs and these tools?	
BREAK; transition to new breakout groups	9:10 - 9:20		
Breakout 2: Knowledge gaps and needs	9:20 - 10:05	What knowledge gaps exist as roadblocks to further protecting whales in a changing climate? How do we incorporate evidence-based information rooted in Indigenous knowledge and science?	
BREAK; transition to new breakout groups	10:05 - 10:15		
Breakout 3: Regional focus	10:15 - 11:00	Regional breakout groups to connect managers across whale regions, share regionally specific information, and begin to discuss regional strategies for whale protection	
Transition to main room	11:00 - 11:05		
Closing	11:05 - 11:20		Maria Brown

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