

Bycatch Reduction Engineering Program - 2018 Recipients

Alaska Longline Fishermen's Association

- **Project:** *Adapting towed array hydrophones to reduce interactions between sperm whales and longline gear in Alaska*

Duke University

- **Project:** *Testing the applicability of sensory-based bycatch reduction technologies to reduce sea turtle bycatch in North Carolina coastal gillnet and pound net fisheries*

Massachusetts Division of Marine Fisheries

- **Project:** *Creating a bycatch avoidance tool for cod in the Gulf of Maine recreational fishery*

Mote Marine Laboratory

- **Project:** *Best fishing practices for the Gulf of Mexico reef fish fishery: developing bycatch reduction techniques through refined modeling of electronic monitoring data*

New England Aquarium

- **Project:** *Implementation of emerging technology to estimate and mitigate the post-release mortality rate of prohibited sandbar sharks in a rapidly growing shore-based fishery*
- **Project:** *Testing a ropeless fishing prototype for eliminating large whale entanglements in post fishing gear*

Newcastle University

- **Project:** *Low-cost solutions to cetacean bycatch in gillnet fisheries*

Pacific States Marine Fisheries Commission

- **Project:** *Use of LEDs to reduce Pacific halibut catches before trawl entrainment*
- **Project:** *Identifying the optimal level of artificial illumination necessary to achieve maximum chinook salmon escapement rates out a bycatch reduction device integrated into a pacific hake midwater trawl*

Pfleger Institute of Environmental Research

- **Project:** Documenting post-release survival and depth distribution of bigeye thresher sharks caught using Linked Buoy Gear

South Carolina Wildlife Federation

- **Project:** Changing recreational fishing practices through outreach to decrease post-release mortality of South Atlantic deep water species

University of Hawaii

- **Project:** A community tagging program aimed at reducing mortality to sharks found in association with fish aggregating devices in Hawaii
- **Project:** Illuminating the shark bycatch post-release mortality black box

Wild Fish Conservancy

- **Project:** Evaluation of Pound Nets for Stock-Selective Harvest in Lower Columbia River Spring Chinook, Summer Chinook and Shad Fisheries