

References: Transco Lower New York Bay Lateral Maintenance Project

- Ahroon, W.A., Hamernik, R.P., Lei, S.F., 1996. The effects of reverberant blast waves on the auditory system. *The Journal of the Acoustical Society of America* 100, 2247-2257
- American National Standards Institute (ANSI). 1986. *Methods of Measurement for Impulse Noise 3 (ANSI S12.7-1986)*. Acoustical Society of America, Woodbury, NY.
- ANSI. 1995. *Bioacoustical Terminology (ANSI S3.20-1995)*. Acoustical Society of America, Woodbury, NY.
- Archer, F.I., S.L. Mesnick, and A.C. Allen. 2010. Variation and predictors of vessel response behavior in a tropical dolphin community. NOAA Technical Memorandum NMFS-SWFSC457, National Marine Fisheries Service: 60.
- Au, W.W.L. and M.C. Hastings. 2008. *Principles of Marine Bioacoustics*. Springer, New York.
- Bettridge, S., C.S. Baker, J. Barlow, P.J. Clapham, M. Ford, D. Gouveia, et al. 2015. Status review of the humpback whale (*Megaptera novaeangliae*) under the Endangered Species Act. NOAA Technical Memorandum NMFS-SWFSC-540, National Marine Fisheries Service: 263.
- Blecha 2000. Immune system response to stress. Pages 111-122 in G.P. Moberg and J.A. Mench, eds. *The Biology of Animal Stress: Basic Principles and Implications for Animal Welfare*. CABI Publishing, Oxon, United Kingdom.
- Brown, D.M., J. Robbins, P.L. Sieswerda, R. Schoelkopf, and E.C.M. Parsons. 2018. "Humpback whale (*Megaptera novaeangliae*) sightings in the New York-New Jersey Harbor Estuary." *Marine Mammal Science*. 34(1): 250–257
- Burns, J.J. 2009. "Harbor seal and spotted seal (*Phoca vitulina* and *P. largha*)." *Encyclopedia of Marine Mammals, Second Edition*. Pp. 533-542. Academic Press Inc., San Diego, California.
- Caldwell, D.K. and M.C. Caldwell. 1966. Observations on the distribution, coloration, behavior and audible sound production of the spotted dolphin, *Stenella plagiodon* (Cope). Los Angeles County Museum Contribution to Science, 104L 1-28.
- California Department of Transportation (Caltrans). 2015. Technical guidance for assessment and mitigation of the hydroacoustic effects of pile driving on fish. Report #CTHWANP-RT-15-306.01.01. Sacramento, California.
- Carlson, T.J., D.L. Woodruff, G.E. Johnson, N.P. Kohn, G.R. Ploskey, M.A. Weiland, et al. 2005. Hydroacoustic measurements during pile driving at the Hood Canal Bridge, September through November 2004. PNWD-3621, Prepared by Battelle Marine Sciences Laboratory for the Washington State Department of Transportation: 165.
- Casper, B.M., M.B. Halvorsen, F. Matthews, T.J. Carlson, and A.N. Popper. 2013. Recovery of barotrauma injuries resulting from exposure to pile driving sound in two sizes of hybrid striped bass. *PLoS ONE* 8 (9):e73844.
- Cetacean and Turtle Assessment Program (CeTAP). 1982. A Characterization of Marine Mammals and Turtles in the Mid- and North Atlantic Areas of the U.S. Outer Continental Shelf. Final Report, December 1982. Prepared for the U.S. Department of the Interior, Bureau of Land Management, under Contract #AA51-CT8-48. University of Rhode Island, Graduate School of Oceanography, Kingston, Rhode Island.
- Clapham, P.J., L.S. Baraff, C.A. Carlson, M.A. Christian, D.K. Mattila, C.A. Mayo, M.A. Murphy and S. Pittman. 1993. Seasonal occurrence and annual return of humpback whales, *Megaptera novaeangliae*, in the southern Gulf of Maine. *Can. J. Zool.* 71:440–443.

- Cott, P.A., A.N. Popper, D.A. Mann, J.K. Jorgenson, and B.W. Hanna. 2012. Impacts of riverbased air gun seismic activity on northern fishes. *Advances in Experimental Medicine and Biology* 730:367-369.
- Coastal Research and Education Society 2023. CRESL Home » Marine Species » Pinnipeds Accessed November 2023 at <https://www.cresli.org>.
- Croll, D.A., C.W. Clark, J. Calambokidis, W.T. Ellison, and B.R. Tershy. 2001. Effect of anthropogenic low-frequency noise on the foraging ecology of Balaenoptera whales. *Animal Conservation* 4 (1):13-27.
- DiGiovanni, Jr., R.A., K.F. Durham, A.M. DePerte, and V. Sherlock. 2015. “Two decades of aerial surveys and satellite tracking of harbor seal (*Phoca vitulina*) and gray seal (*Halichoerus grypus*) in Southern New England, Connecticut, and New York waters. “*Seals and Ecosystem Health; Meeting Report of the Northwest Atlantic Seal Research Consortium*”, Technical Report WHOI-2016-01. Bass, A.L., Bogomolini, G. Early, O.W. Nichols, and K. Patchett (eds.).
- Doksaeter, L.E., Olsen, L. Nottestad, and A. Ferno. 2008. “Distribution and feeding ecology of dolphins along the Mid-Atlantic Ridge between Iceland and the Azores.” *Deep Sea Research II*. 55: 243 – 253.
- Edwards, E.F., C. Hall, T.J. Moore, C. Sheredy and J. Redfern. 2015. Global distribution of fin whales (*Balaenoptera physalus*) in the post-whaling era (1980 to 2012). *Mamm. Rev.* 45:197–214.
- Ellison, W.T., B.L. Southall, C.W. Clark, and A.S. Frankel. 2012. A new context-based approach to assess marine mammal behavioral responses to anthropogenic sounds. *Conservation Biology* 26 (1):21-28.
- Fair, P.A. and P.R. Becker. 2000. Review of stress in marine mammals. *Journal of Aquatic Ecosystem Stress and Recovery* 7 (4):335-354.
- Fay, R.R., A.N. Popper, and J.F. Webb. 2008. Introduction to fish bioacoustics. In: Webb, J.F., R.R. Fay, and A.N. Popper, eds. *Fish Bioacoustics*. Springer Handbook of Auditory Research 32:1-15.
- Fay, R.R. 2009. Soundscapes and the sense of hearing of fishes. *Integrative Zoology* 4: 26-32.
- Fewtrell, J.L., and R.D. McCauley. 2012. Impact of air gun noise on the behaviour of marine fish and squid. *Marine Pollution Bulletin* 64: 984-993.
- Finneran, J.J., C.E. Schlundt, D.A. Carder, J.A. Clark, J.A. Young, J.B. Gaspin, and S.H. Ridgway. 2000. Auditory and behavioral responses of bottlenose dolphins (*Tursiops truncatus*) and a beluga whale (*Delphinapterus leucas*) to impulsive sounds resembling distant signatures of underwater explosions. *Journal of the Acoustical Society of America* 108: 417-431.
- Finneran, J.J., C.E. Schlundt, R. Dear, D.A. Carder, and S.H. Ridgway. 2002. Temporary shift in masked hearing thresholds in odontocetes after exposure to single underwater impulses from a seismic watergun. *Journal of the Acoustical Society of America* 111: 2929-2940.
- Finneran, J.J. and A.K. Jenkins. 2012. Criteria and thresholds for U.S. Navy acoustic and explosive effects analysis. Technical Report, Space and Naval Warfare Systems Center Pacific, U.S. Navy: 64.
- Finneran, J.J. 2015. Noise-induced hearing loss in marine mammals: A review of temporary threshold shift studies from 1996 to 2015. *Journal of the Acoustical Society of America* 138 (3):1702-1726.
- Fritts, T.H., A.B. Irvine, R.D. Jennings, L.A. Collum, W. Hoffman and M.A. McGehee. 1983. Turtles, birds, and mammals in the northern Gulf of Mexico and nearby Atlantic waters. U.S. Fish and Wildlife Service, Division of Biological Services, Washington, D.C. FWS/OBS-82/65, 455 pp.

- Garrison, L.P., K. Barry and W. Hoggard. 2017. The abundance of coastal morphotype bottlenose dolphins on the U.S. east coast: 2002-2016. Southeast Fisheries Science Center, Protected Resources and Biodiversity Division, 75 Virginia Beach Dr., Miami, FL 33140. PRBD Contribution # PRBD-2017-01. 37pp.
- Garrison, L.P., A.A. Hohn and L.J. Hansen. 2017b. Seasonal movements of Atlantic common bottlenose dolphin stocks based on tag telemetry data. Southeast Fisheries Science Center, Protected Resources and Biodiversity Division, 75 Virginia Beach Dr., Miami, FL 33140. PRBD Contribution # PRBD-2017-02. G
- Goldbogen, J.A., J. Calambokidis, A.S. Friedlaender, J. Francis, S.L. Deruiter, A.K. Stimpert, et al. 2013a. Underwater acrobatics by the world's largest predator: 360° rolling manoeuvres by lunge-feeding blue whales. *Biology Letters* 9 (1):Article 20120986.
- Halvorsen, M.B., D.G. Zeddies, W.T. Ellison, D.R. Chicoine, and A.N. Popper. 2012a. Effects of mid-frequency active sonar on hearing in fish. *Journal of the Acoustical Society of America* 131 (1):599-607.
- Halvorsen, M.B., B.M. Casper, C.M. Woodley, T.J. Carlson, and A.N. Popper. 2012b. Threshold for onset of injury in chinook salmon from exposure to impulsive pile driving sounds. *PLoS ONE* 7 (6).
- Hamazaki, T. 2002. "Spatiotemporal prediction models of cetacean habitats in the mid-western North Atlantic Ocean (from Cape Hatteras, North Carolina, USA to Nova Scotia, Canada)." *Marine Mammal Science*. 184 (4): 920-939.
- Harris, D.E., B. Lelli, and G. Jakush. 2002. "Harp Seal Records from the Southeastern Gulf of Maine: 1997-2001." *Northeastern Naturalist*. 9(3): 331-340.
- Hastings, M.C. and A.N. Popper. 2005. Effects of sound on fish. Prepared by Jones & Stokes for the California Department of Transportation: 82.
- Hayes SA, Josephson E, Maze-Foley K, Rosel PE, Byrd B, Chavez-Rosales S, Col TVN, Engleby L, Garrison LP, Hatch J, Henry A, Horstman SC, Litz J, Lyssikatos MC, Mullin KD, Orphanides C, Pace RM, Palka DL, Soldevilla M, Wenzel FW. 2018. TM 245 US Atlantic and Gulf of Mexico Marine Mammal Stock Assessments - 2017. NOAA Tech Memo NMFS NE-245; 371 p.
- Hayes, S.A., E. Josephson, K. Maze-Foley, and P.E. Rosel, and J. Wallace (editors). 2020. "US Atlantic and Gulf of Mexico Marine Mammal Stock Assessments – 2019." NOAA Tech Memo NMFS-NE-264.
- Hayes, S.A., E. Josephson, K. Maze-Foley, and P.E. Rosel, and J. Wallace (editors). 2021. "U.S. Atlantic and Gulf of Mexico Marine Mammal Stock Assessment 2020." NOAA Tech Memo NMFS-NE-271.
- Hayes S.A., E. Josephson, K. Maze-Foley, P.E. Rosel, and J. Wallace. 2022. U.S. Atlantic and Gulf of Mexico Marine Mammal Stock Assessment 2021. NOAA Tec Memo NMFS-NE-228.
- Hayes S.A., E. Josephson, K. Maze-Foley, P. E. Rosel, J. McCordic, and J. Wallace. 2023. U.S. Atlantic and Gulf of Mexico Marine Mammal Stock Aseessments 2022. NOAA Tech Memo NMFS-NE-304.
- Hemilä, S., S. Nummela, A. Berta, and T. Reuter. 2006. High-frequency hearing in phocid and otariid pinnipeds: An interpretation based on inertial and cochlear constraints (L). *Journal of the Acoustical Society of America* 120(6):3463-3466.
- Henderson, D., Hu, B., Bielefeld, E., 2008. Patterns and mechanisms of noise-induced cochlear pathology. *Auditory trauma, protection, and repair*, 195-217.

- Henry, A.G., M. Garron, D. Morin, A. Smith, A. Reid, W. Ledwell and T.V.N. Cole. 2022. Serious injury and mortality determinations for baleen whale stocks along the Gulf of Mexico, United States East Coast and Atlantic Canadian Provinces, 2015–2019. NOAA Tech Memo. NMFS-NE-280.
- Hoelzel, A.R., C.W. Potter and P.B. Best. 1998. Genetic differentiation between parapatric nearshore and offshore populations of the bottlenose dolphin. *Proc. Royal Soc. London* 265:1177–1183
- Holberton, R.L., B. Helmuth, and J.C. Wingfield. 1996. The corticosterone stress response in gentoo and king penguins during the non-fasting period. *Condor* 98 (4):850-854.
- Hood, L.C., P.D. Boersma, and J.C. Wingfield. 1998. The adrenocortical response to stress in incubating Magellanic penguins (*Spheniscus magellanicus*). *Auk* 115 (1):76-84.
- Jessop, T.S., A.D. Tucker, C.J. Limpus, and J.M. Whittier. 2003. Interactions between ecology, demography, capture stress, and profiles of corticosterone and glucose in a free-living population of Australian freshwater crocodiles. *General and Comparative Endocrinology* 132 (1):161-170.
- Jorgenson, J.K., and E.C. Gyselman. 2009. Hydroacoustic measurements of the behavioral response of arctic riverine fishes to seismic airguns. *Journal of the Acoustical Society of America* 126 (3):1598-1606.
- Kastak, D., Mulsow, J., Ghou, A., Reichmuth, C., 2008. Noise-induced permanent threshold shift in a harbor seal. *The Journal of the Acoustical Society of America* 123, 2986-2986. Kastelein *et al.*, 2009.
- Kastelein, R.A., Schop, J., Gransier, R., Hoek, L., 2014. Frequency of greatest temporary hearing threshold shift in harbor porpoises (*Phocoena phocoena*) depends on the noise level. *The Journal of the Acoustical Society of America* 136, 1410-1418.
- Krausman, P.R., L.K. Harris, C.L. Blasch, K.K.G. Koenen, and J. Francine. 2004. Effects of military operations on behavior and hearing of endangered Sonoran pronghorn. *Wildlife Monographs* 157:1-41.
- Kryter, K.D., W.D. Ward, J.D. Miller, and D.H. Eldredge. 1966. Hazardous exposure to intermittent and steady-state noise. *Journal of the Acoustical Society of America* 39 (3):451-464.
- Lacoste, K.N. and G.B. 2000. “Winter distribution of harp seals (*Phoca groenlandica*) off eastern Newfoundland and southern Labrador.” *Polar Biology*. 23: 805-811.
- Lankford, S.E., T.E. Adams, R.A. Miller, and J.J. Cech. 2005. The cost of chronic stress: Impacts of a nonhabituating stress response on metabolic variables and swimming performance in sturgeon. *Physiological and Biochemical Zoology* 78:599-609.
- Lusseau, D. and L. Bejder. 2007. The long-term consequences of short-term responses to disturbance experiences from whalewatching impact assessment. *International Journal of Comparative Psychology* 201 (2-3):228-236.
- Madsen, P.T., M. Johnson, P.J.O. Miller, N.A. Soto, J. Lynch, and P. Tyack. 2006. Quantitative measures of air-gun pulses recorded on sperm whales (*Physeter macrocephalus*) using acoustic tags during controlled exposure experiments. *Journal of the Acoustical Society of America* 120 (4):2366-2379.
- McAlpine, D.F. 1999. Increase in extralimital occurrences of ice-breeding seals in the northern Gulf of Maine region: more seals or fewer fish. *Mar. Mamm. Sci.* 15:906-911.
- Melcón, M. L., A. J. Cummins, S. M. Kerosky, L. K. Roche, S. M. Wiggins, and J. A. Hildebrand. (2012). Blue whales respond to anthropogenic noise. *PLoS ONE*, 7(2).
- Miller, J.D. 1974. Effects of noise on people. *Journal of the Acoustical Society of America* 56 (3):729-764.

- Moberg, G.P. 1987. Influence of the adrenal axis upon the gonads. Pages 456-496 in J. Clarke, ed. Oxford Reviews in Reproductive Biology. Oxford University Press, New York, New York.
- Moberg, G.P. 2000. Biological response to stress: Implications for animal welfare. Pages 1-21 in G.P. Moberg and J.A. Mench, eds. The Biology of Animal Stress: Basic Principles and Implications for Animal Welfare. CABI Publishing, Oxon, United Kingdom.
- National Institute for Occupational Safety and Health (NIOSH), 1998. Criteria for a recommended standard: Occupational noise exposure. Cincinnati, Ohio: United States Department of Health and Human Services.
- NMFS. 2023. Fisheries Home » Protected Resources » Fin Whale (*Balaenoptera physalus*). Accessed November 2023 at <https://www.fisheries.noaa.gov/species/fin-whale#management>
- Northeast Fisheries Science Center (NEFSC) and Southeast Fisheries Science Center (SEFSC). 2011. 2011 Annual Report to the Inter-agency Agreement M10PG00075/0001: A comprehensive assessment of marine mammal, marine turtle, and seabird abundance and spatial distribution in U.S. waters of the western North Atlantic Ocean. 166 pp. Nedwell, J. and B. Edwards. 2002. Measurements of underwater noise in the Arun River during piling at County Wharf, Littlehampton. Report No. 513R0108, Prepared by Subacoustech, Ltd. for David Wilson Homes, Ltd.: 28.
- Newman, A., D. Silva, and M. Santora. 2012. “grim Prognosis for a 60-Ton Whale Stranded on a Beach in Queens.” Animals and Wildlife. December 26, 2012. Cityroom.blogs.nytimes.com/2012/12/26/beached-whale-at-breezy-point.
- NMFS. 2018. 2018 revision to: Technical guidance for assessing the effects of anthropogenic sound on marine mammal hearing (Version 2.0). NOAA Technical Memorandum NMFSOPR-59, National Marine Fisheries Service: 178.c
- Nowacek, D.P., M.P. Johnson, and P.L. Tyack. 2004. North Atlantic right whales (*Eubalaena glacialis*) ignore ships but respond to alerting stimuli. Proceedings of the Royal Society of London Series B Biological Sciences 271 (1536):227-231.
- National Research Council (NRC). 2003. Ocean noise and marine mammals. National Academy of Sciences: 220.
- NRC 2005. Marine mammal populations and ocean noise: determining when noise causes biologically significant effects. National Academies Press.
- Oestman, R., Buehler, D., Reyff, J., Rodkin, R., 2009. Technical guidance for assessment and mitigation of the hydroacoustic effects of pile driving on fish. Prepared for California Department of Transportation.
- Palka D., L. Aichinger Dias, E. Broughton, S. Chavez-Rosales, D. Cholewiak, G. Davis, A. DeAngelis, L. Garrison, H. Haas, J. Hatch, K. Hyde, M. Jech, E. Josephson, L. Mueller-Brennan, C. Orphanides, N. Pegg, C. Sasso, D. Sigourney, M. Soldevilla, and H. Walsh. 2021. Atlantic Marine Assessment Program for Protected Species: FY15 – FY19. Washington DC: U.S. Department of the Interior, Bureau of Ocean Energy Management. OCS Study BOEM 2021-051. 330 pp.
- Paxton, A.B., J.C. Taylor, D.P. Nowacek, J. Dale, E. Cole, C.M. Voss, and C.H. Peterson. 2017. Seismic survey noise disrupted fish use of a temperate reef. Marine Policy 78: 68-73.
- Payne, M., D.W. Heinemann, and L.A. Selzer. 1990. A distributional assessment of cetaceans in the shelf/shelf edge and adjacent slope waters of the northeastern United States based on aerial and shipboard surveys, 1978-1988. Report to NOAA NMFS NEFSC, 166 Water St., Woods Hole, Massachusetts 02543

- Pearson, W.H., J.R. Skalski, and C.I. Malme. 1992. Effects of sounds from a geophysical survey device on behavior of captive rockfish (*Sebastes* spp.). *Canadian Journal of Fisheries and Aquatic Sciences* 49:1343-1356.
- Pierce. 2003. "The diet of harbour porpoise (*Phocoena phocoena*) in the northeast Atlantic." *Oceanography and Marine Biology: An Annual Review*, 41: 355–390.
- Pena, H., N.O. Handegard, and E. Ona. 2013. Feeding herring schools do not react to seismic air gun surveys. *ICES Journal of Marine Science* 70 (6):1174-1180.
- Popper, A.N. and M.C. Hastings. 2009. The effects of anthropogenic sources of sound on fishes. *Journal of Fish Biology* 75 (3):455-489.
- Quijano, J.E., C. O'Neill, and M. Austin. 2018. Underwater Noise Assessment for the Mary River Project - Phase 2 Proposal: Construction and operation activities in Milne Port and along the Northern Shipping Route. Document 01621, Version 1.0. Technical report by JASCO Applied Sciences for Golder Associates Ltd
- Riverhead Foundation for Marine Research and Preservation (RFMRP). 2010. Summary of marine mammal and sea turtle strandings for June 2009 through May 2010. Accessed on December 19, 2012. <http://66.11.128.41/Report2010.pdf>
- Reichmuth, C., M.M. Holt, J. Mulsow, J.M. Sills, B.L. Southall. 2013. Comparative assessment of amphibious hearing in pinnipeds. *Journal of Comparative Physiology A* 199, 491507.
- Reichmuth, C., A. Ghaul, J.M. Sills, A. Rouse, and B.L. Southall. 2016. Low-frequency temporary threshold shift not observed in spotted or ringed seals exposed to single air gun impulses. *Journal of the Acoustical Society of America* 140 (4):2646.
- Richardson, W.J., C.R. Greene, C.I. Malme, and D.H. Thomson. 1995. *Marine Mammals and Noise*. Academic Press, Inc., San Diego, California.
- Roberts, J.J., B.D. Best, L. Mannocci, E. Fujioka, P.N. Halpin, D.L. Palka, L.P. Garrison, K.D. Mullin, T.V.N. Cole, C.B. Khan, W.M. McLellan, D.A. Pabst, and G.G. Lockhart. 2016. "Habitat-based cetacean density models for the U.S. Atlantic and Gulf of Mexico." *Scientific Reports* 6: 22615. DOI:10.1038/srep22615.
- Roberts, J.J., T.M. Yack, and P.N. Halpin. 2023. Marine mammal density models for the U.S. Navy Atlantic Fleet Training and Testing (AFTT) study area for the Phase IV Navy Marine Species Density Database (NMSDD). Document version 1.3. Report prepared for Naval Facilities Engineering Systems Command, Atlantic by the Duke University Marine Geospatial Ecology Lab, Durham, North Carolina.
- Rolland, R.M., S.E. Parks, K.E. Hunt, M. Castellote, P.J. Corkeron, D.P. Nowacek, et al. 2012. Evidence that ship noise increases stress in right whales. *Proceedings of the Royal Society of London Series B Biological Sciences* 279 (1737):2363-2368.
- Romano, T., M. Keogh, and K. Danil. 2002a. Investigation of the effects of repeated chase and encirclement on the immune system of spotted dolphins (*Stenella attenuata*) in the eastern tropical Pacific. Administrative Report LJ-02-35C, National Marine Fisheries Service: 37.
- Romano, T.A., D.L. Felten, S.Y. Stevens, J.A. Olschowka, V. Quaranta, and S.H. Ridgway. 2002b. Immune response, stress, and environment: Implications for cetaceans. Pages 253-279 in C.J. Pfeiffer, ed. *Molecular and Cell Biology of Marine Mammals*. Krieger Publishing Co., Malabar, Florida.
- Romano, T.A., M.J. Keogh, C. Kelly, P. Feng, L. Berk, C.R. Schlundt, et al. 2004. Anthropogenic sound and marine mammal health: Measures of the nervous and immune systems before and after intense sound exposure. *Canadian Journal of Fisheries and Aquatic Sciences* 61:1124-1134.

- Rosel, P.E., L. Hansen and A.A. Hohn. 2009. Restricted dispersal in a continuously distributed marine species: Common bottlenose dolphins *Tursiops truncatus* in coastal waters of the western North Atlantic. *Mol. Ecol.* 18:5030–5045.
- Rubinstein, B. 1994. An apparent shift in distribution of ice seals, *Phoca groenlandica*, *Cystophora cristata*, and *Phoca hispida*, toward the east coast of the United States. M.Sc. Thesis. Department of Biology. Boston, MA, Boston University.
- Santulli, A., A. Modica, C. Messina, L. Ceffa, A. Curatolo, G. Rivas, et al. 1999. Biochemical responses of European sea bass (*Dicentrarchus labrax L.*) to the stress induced by offshore experimental seismic prospecting. *Marine Pollution Bulletin* 38 (12):1105-1114.
- Schlundt, C.E., Finneran, J.J., Carder, D.A., Ridgway, S.H., 2000. Temporary shift in masked hearing thresholds of bottlenose dolphins, *Tursiops truncatus*, and white whales, *Delphinapterus leucas*, after exposure to intense tones. *The Journal of the Acoustical Society of America* 107, 3496-3508
- Scholik, A.R. and H.Y. Yan. 2001. The effects of underwater noise on auditory sensitivity of fish. *Proceedings of the Institute of Acoustics* 23 (4):27.
- Scholik, A.R. and H.Y. Yan. 2002. The effects of noise on the auditory sensitivity of the bluegill sunfish, *Lepomis macrochirus*. *Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology* 133 (1):43-52.
- Seyle, H. 1950. Stress and the general adaptation syndrome. *British Medical Journal* June 17:1383-1392.
- Sivle, L.D., P.J. Wensveen, P.H. Kvadsheim, F.P. A. Lam, F. Visser, C. Cure, C.M. Harris, P.L. Tyack, P.J.O. Miller. 2016. Naval sonar disrupts foraging in humpback whales. *Marine Ecology Progress Series.* 562: 211-220.
- Skalski, J.R., W.H. Pearson, and C.I. Malme. 1992. Effects of sounds from a geophysical survey device on catch-per-unit-effort in a hook-and-line fishery for rockfish (*Sebastes* spp.). *Canadian Journal of Fisheries and Aquatic Sciences* 49:1357-1365.
- Smith T.D., J. Allen, P.J. Clapham, P.S. Hammond, S. Katona, F. Larsen, J. Lien, D. Mattila, P.J. Palsboll, J. Sigurjonsson, P.T. Stevick, and N. Olen. 2006. An Ocean-basin-wide-recapture study of the North Atlantic Humpback Whale (*Megaptera Novaeangliae*). *Marine Mammal Science.* (15) 1: 1-32.
- Soulen B.K., K. Cammen, T.F. Schultz and D.W. Johnson. 2013. Factors affecting harp seal numbers-at-age for the Northwest Atlantic. *PlosOne.* 8(7): e68779. DOI:10.1371/journal.pone.0068779.
- Southall, B.L., A.E. Bowles, W.T. Ellison, J.J. Finneran, R.L. Gentry, C.R. Greene, et al. 2007. Marine mammal noise exposure criteria: Initial scientific recommendations. *Aquatic Mammals* 33 (4):411-521.
- Southall, B. L., Finneran, J. J., Reichmuth, C., Nachtigall, P. E., Ketten, D. R., Bowles, A. E., ... & Tyack, P. L. (2019). Marine Mammal Noise Exposure Criteria: Updated Scientific Recommendations for Residual Hearing Effects. *Aquatic Mammals*, 45(2), 125-232.
- Stevick, P.T., J. Allen, P.J. Clapham, N. Friday, S.K. Katona, F. Larsen, J. Lien, D.K. Mattila, P.J. Palsbøll, J. Sigurjónsson, T.D. Smith, N. Øien, and P.S. Hammond. 2003. “North Atlantic humpback whale abundance and rate of increase four decades after protection from whaling.” *Marine Ecology Progress Series.* 258: 263–273.
- Thorson, P. and J.A. Reyff. 2006. San Francisco-Oakland Bay Bridge East Span Seismic Safety Project: Marine mammal and acoustic monitoring for the marine foundations at piers E2 and T1, January-September 2006. Prepared by SRS Technologies and Illingworth & Rodkin, Inc. for the California Department of Transportation: 51.

- Ward, W.D., Glorig, A., Sklar, D., 1958. Dependence of temporary threshold shift at 4 kc on intensity and time. *The Journal of the Acoustical Society of America* 30, 944-954.
- Ward, W.D., A. Glorig, and D.L. Sklar. 1959. Temporary threshold shift from octave-band noise: Application to damage-risk criteria. *Journal of the Acoustical Society of America* 31:522-528.
- Ward, W.D., 1960. Recovery from high values of temporary threshold shift. *The Journal of the Acoustical Society of America* 32, 497-500.
- Ward, W.D. 1997. Effects of high-intensity sound. Pages 1497-1507 in M.J. Crocker, ed. *Encyclopedia of Acoustics, Volume III*. John Wiley & Sons, New York.
- Wardle, C.S., T.J. Carter, G.G. Urquhart, A.D.F. Johnstone, A.M. Ziolkowski, G. Hampson, and D. Mackie. 2001. Effects of seismic air guns on marine fish. *Continental Shelf Research* 21:1005-1027.
- Waring, G.T., L. Nottestad, E. Olsen, H. Skov and G. Vikingsson. 2008. Distribution and density estimates of cetaceans along the mid-Atlantic Ridge during summer 2004. *J. Cetacean Res. Manage.* 10:137–146
- Wartzok, D., A.N. Popper, J. Gordon, and J. Merrill. 2004. Factors affecting the responses of marine mammals to acoustic disturbance. *Marine Technology Society Journal* 37 (4):6-15.
- Wartzok, D. and D.R. Ketten. 1999. Marine mammal sensory systems. Pages 117-175 in J.E. Reynolds and S.A. Rommel, eds. *Biology of Marine Mammals*. Smithsonian Institution Press, Washington.
- Weilgart, L.S. 2007. A brief review of known effects of noise on marine mammals. *International Journal of Comparative Psychology* 201 (2-3):159-168.
- Wood, S.A., T.R. Frasier, B.A. McLeod, J.R. Gilbert, B.N. White, W.D. Bowen, M.O. Hammill, G.T. Waring and S. Brault. 2011. The genetics of recolonization: An analysis of the stock structure of grey seals (*Halichoerus grypus*) in the Northwest Atlantic. *Can. J. Zool.* 89:490–497.
- Yazvenko, S.B., T.L. McDonald, S.A. Blokhin, S.R. Johnson, H.R. Melton, M.W. Newcomer, et al. 2007. Feeding of western gray whales during a seismic survey near Sakhalin Island, Russia. *Environmental Monitoring and Assessment* 134 (1-3):93-106.
- Zelick, R., and D.A. Mann. 1999. Acoustic communication in fishes and frogs. In: Fay, R.R. and A.N. Popper, eds. *Comparative hearing: Fishes and amphibians*. Springer-Verlag, New York.