

References

- Alaska Department of Fish and Game (ADF&G). 2022. Species Profile: Harbor Seal (*Phoca vitulina*). Accessed at <https://www.adfg.alaska.gov/index.cfm?adfg=harborseal.main> on July 11, 2022.
- ADF&G. 2022a. Alaska Fish Resource Monitor Mapper. As viewed on June 20, 2022, at <https://adfg.maps.arcgis.com/apps/MapSeries/index.html?appid=a05883caa7ef4f7ba17c9274f2c198f>.
- ADF&G. 2022b. Community Subsistence Information System: Harvest Information for Marine Mammals, Southcentral Alaska. Accessed at <http://www.adfg.alaska.gov/sb/CSIS/index.cfm?ADFG=harvInfo.resourceRegionData> on April 12, 2022.
- Alaska Department of Labor and Workforce Development. 2022. Alaska Population Estimates by Borough, Census Area, City, and Census Designated Place, 2010 to 2019. Accessed at <<https://live.laborstats.alaska.gov/pop/index.cfm>> on February 25, 2022.
- ADOT&PF. 2019. Request for Incidental Harassment Authorization: Whittier Ferry Terminal ACF Modification. State Project No. SAMHS00228. August 2019.
- Ahroon, W.A., Hamernik, R.P. and Lei, S.F., 1996. The effects of reverberant blast waves on the auditory system. *The Journal of the Acoustical Society of America*, 100(4), pp.2247-2257.
- Alaska Fisheries Science Center. 2022. Steller sea lion haulout and rookery locations in the United States. Accessed on June 20, 2022, at <https://www.fisheries.noaa.gov/inport/item/17921>.
- Allen, B.M. and Angliss, R.P., 2015. Alaska marine mammal stock assessments, 2014.
- American National Standards Institute (ANSI). 2013. Acoustic Terminology (ANSI S1.1-2013). New York: Acoustical Society of America.
- ANSI. 2005. Measurement of Sound Pressure Levels in Air (ANSI S1.13-2005). Acoustical Society of America, Woodbury, NY.
- ANSI. 1986. Methods of Measurement for Impulse Noise 3 (ANSI S12.7-1986). Acoustical Society of America, Woodbury, NY.
- Au, W.W. and Hastings, M.C., 2008. *Principles of marine bioacoustics* (Vol. 510). New York: Springer.
- Austin, M., S. Denes, J. MacDonnell, and G. Warner. 2016. Hydroacoustic Monitoring Report: Anchorage Port Modernization Project Test Pile Program. Version 3.0. Technical report by JASCO Applied Sciences for Kiewit Infrastructure West Co.
- Bettridge, S., C. S. Baker, J. Barlow, P. J. Clapham, M. Ford, D. Gouveia, D. K. Mattila, R. M. Pace, III, P. E. Rosel, G. K. Silber, P. R. Wade. 2015. Status review of the humpback whale (*Megaptera novaeangliae*) under the Endangered Species Act. U.S. Dep. Commerce, NOAA Tech. Memo. NMFS-SWFSC-540, 263 p.

- Blecha, F., 2000. Immune system response to stress. In *The biology of animal stress: basic principles and implications for animal welfare*. (pp. 111-121). Wallingford UK: CABI Publishing.
- Carlson, T.J., D.A. Woodruff, G.E. Johnson, N.P. Kohn, G.R. Plosky, M.A. Weiland, J.A. Southard, and S.L. Southard. 2005. Hydroacoustic Measurements during Pile Driving at the Hood Canal Bridge, September through November. 2004. Prepared for Washington State Department of Transportation by Battelle Marine Sciences Laboratory, Sequim, Washington.
- Carretta, J.V., E.M. Oleson, K.A. Forney, M.M. Muto, D.W. Weller, A.R. Lang, J. Baker, B. Hanson, A.J. Orr, J. Barlow, J.E. Moore, and R.L. Brownell Jr. 2022. U.S. Pacific Marine Mammal Stock Assessments: 2021. U.S. Department of Commerce. National Oceanic and Atmospheric Administration Technical Memorandum NMFS-SWFSC-663.
- Casper, B.M., Smith, M.E., Halvorsen, M.B., Sun, H., Carlson, T.J. and Popper, A.N., 2013. Effects of exposure to pile driving sounds on fish inner ear tissues. *Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology*, 166(2), pp.352-360.
- Croll, D.A., Acevedo-Gutiérrez, A., Tershy, B.R. and Urbán-Ramírez, J., 2001. The diving behavior of blue and fin whales: is dive duration shorter than expected based on oxygen stores?. *Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology*, 129(4), pp.797-809.
- Dahlheim, M.E., White, P.A. and Waite, J.M., 2009. Cetaceans of Southeast Alaska: distribution and seasonal occurrence. *Journal of Biogeography*, 36(3), pp.410-426.
- Denes, S.L., J. Vallarta, and D. Zeddies. 2019. Sound Source Characterization of Down-the-Hole Hammering: Thimble Shoal, Virginia. Document 001888, Version 2.0. Technical report by JASCO Applied Sciences for Chesapeake Tunnel Joint Venture.
- Ellison, W.T., Racca, R., Clark, C.W., Streever, B., Frankel, A.S., Fleishman, E., Angliss, R., Berger, J., Ketten, D., Guerra, M. and Leu, M., 2016. Modeling the aggregated exposure and responses of bowhead whales *Balaena mysticetus* to multiple sources of anthropogenic underwater sound. *Endangered Species Research*, 30, pp.95-108.
- Ellison, W.T., Southall, B.L., Clark, C.W. and Frankel, A.S., 2012. A new context-based approach to assess marine mammal behavioral responses to anthropogenic sounds. *Conservation Biology*, 26(1), pp.21-28.
- Everitt, R.D., C.H. Fiscus, and R.L. DeLong. 1980. Northern Puget Sound Marine Mammals. DOC/EPA Interagency Energy/ Environ. R&D Program. Doc. #EPA-6009/7-80-139, U.S. Environmental Protection Agency, Washington, D.C. 134 p.
- Exxon Valdez Oil Spill Trustee Council. 2021. Status of Restoration: Killer Whales. Accessed on November 4, 2021 from <https://evostc.state.ak.us/status-of-restoration/killer-whales/>.
- Fair, P.A. and Becker, P.R., 2000. Review of stress in marine mammals. *Journal of Aquatic Ecosystem Stress and Recovery*, 7(4), pp.335-354.

- Fall, J.A. and G. Zimpelman, editors. 2016. Update on the Status of Subsistence Uses in Exxon Valdez Oil Spill Area Communities, 2014. Alaska Department of Fish and Game Division of Subsistence, Technical Paper No. 412, Anchorage.
- Fay, R., 2009. Soundscapes and the sense of hearing of fishes. *Integrative Zoology*, 4(1), pp.26-32.
- Ferguson M.C., Curtice, C., and Harrison, J. 2015. Biologically Important Areas for Cetaceans Within U.S. Waters – Gulf of Alaska Region. *Aquatic Mammals*, Vol. 41(1). pp. 65-78. DOI 10.1578/AM.41.1.2015.65.
- Fewtrell, J.L. and McCauley, R.D., 2012. Impact of air gun noise on the behaviour of marine fish and squid. *Marine pollution bulletin*, 64(5), pp.984-993.
- Finneran, J.J., 2015. Noise-induced hearing loss in marine mammals: A review of temporary threshold shift studies from 1996 to 2015. *The Journal of the Acoustical Society of America*, 138(3), pp.1702-1726.
- Finneran, J.J. and Schlundt, C.E., 2013. Effects of fatiguing tone frequency on temporary threshold shift in bottlenose dolphins (*Tursiops truncatus*). *The Journal of the Acoustical Society of America*, 133(3), pp.1819-1826.
- Finneran, J.J. and Schlundt, C.E., 2010. Frequency-dependent and longitudinal changes in noise-induced hearing loss in a bottlenose dolphin (*Tursiops truncatus*). *The Journal of the Acoustical Society of America*, 128(2), pp.567-570.
- Finneran, J.J., Schlundt, C.E., Dear, R., Carder, D.A. and Ridgway, S.H., 2002. Temporary shift in masked hearing thresholds in odontocetes after exposure to single underwater impulses from a seismic watergun. *The Journal of the Acoustical Society of America*, 111(6), pp.2929-2940.
- Finneran, J.J., Schlundt, C.E., Carder, D.A., Clark, J.A., Young, J.A., Gaspin, J.B. and Ridgway, S.H., 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. *The Journal of the Acoustical Society of America*, 108(1), pp.417-431.
- Fritz, L., K. Sweeney, D. Johnson, M. Lynn, T. Gelatt, and J. Gilpatrick. 2013. Aerial and shipbased surveys of Steller sea lions (*Eumetopias jubatus*) conducted in Alaska in June-July 2008 through 2012, and an update on the status and trend of the Western Distinct Population Segment in Alaska.
- Guan, S., and Miner, R. (2020). Underwater noise characterization of down-the-hole pile driving activities off Biorka Island, Alaska. *Marine Pollution Bulletin* 160: 111664. doi.org/10.1016/j.marpolbul.2020.111664
- Halvorsen, M.B., Casper, B.M., Matthews, F., Carlson, T.J. and Popper, A.N., 2012b. Effects of exposure to pile-driving sounds on the lake sturgeon, Nile tilapia and hogchoker. *Proceedings of the Royal Society B: Biological Sciences*, 279(1748), pp.4705-4714.

- Halvorsen, M.B., Zeddies, D.G., Ellison, W.T., Chicoine, D.R. and Popper, A.N., 2012a. Effects of mid-frequency active sonar on hearing in fish. *The Journal of the Acoustical Society of America*, 131(1), pp.599-607.
- Hastings, M.C. and Popper, A.N., 2005. *Effects of sound on fish* (No. CA05-0537). California Department of Transportation.
- Hemilä, S., Nummela, S., Berta, A. and Reuter, T., 2006. High-frequency hearing in phocid and otariid pinnipeds: An interpretation based on inertial and cochlear constraints. *The Journal of the Acoustical Society of America*, 120(6), pp.3463-3466.
- Henderson, M. and Bradey, S., 2008. Shaping online teaching practices: The influence of professional and academic identities. *Campus-Wide Information Systems*, 25(2), pp.85-92.
- Heyvaert, C., and J. Reyff. 2021. Tenakee Ferry Terminal Improvements Project; Pile Driving and Drilling Sound Source Verification, Tenakee Springs, Alaska. Technical report by Illingworth & Rodkin, Inc., Cotati, CA for the Alaska Department of Transportation and Public Facilities. 217 p.
- Holberton, R.L., Helmuth, B. and Wingfield, J.C., 1996. The corticosterone stress response in gentoo and king penguins during the non-fasting period. *Condor*, pp.850-854.
- Hood, L.C., Boersma, P.D. and Wingfield, J.C., 1998. The adrenocortical response to stress in incubating Magellanic penguins (*Spheniscus magellanicus*). *The Auk*, 115(1), pp.76-84.
- Jemison L.A., G.W. Pendleton, L.W. Fritz, K.K. Hastings, J.M Maniscalco, A.W. Trites, and T.S. Gelatt. 2013. Inter-population movements of Steller sea lions in Alaska with implications for population separation. *PLoS ONE* 8:e70167.
- Jessop, T.S., Tucker, A.D., Limpus, C.J. and Whittier, J.M., 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), pp.161-170.
- Jorgenson, J.K. and Gyselman, E.C., 2009. Hydroacoustic measurements of the behavioral response of arctic riverine fishes to seismic airguns. *The Journal of the Acoustical Society of America*, 126(3), pp.1598-1606.
- Kastak, D., Mulsow, J., Ghoul, A. and Reichmuth, C., 2008. Noise-induced permanent threshold shift in a harbor seal. *The Journal of the Acoustical Society of America*, 123(5), pp.2986-2986.
- Kastelein, R.A., Helder-Hoek, L., Jennings, N., van Kester, R. and Huisman, R., 2019. Reduction in Body Mass and Blubber Thickness of Harbor Porpoises (*Phocoena phocoena*) Due to Near-Fasting for 24 Hours in Four Seasons. *Aquatic mammals*, 45(1).
- Kastelein, R.A., Helder-Hoek, L., van Kester, R., Huisman, R. and Gransier, R., 2019. Temporary Hearing Threshold Shift in Harbor Porpoises (*Phocoena phocoena*) Due to One-Sixth Octave Noise Band at 16 kHz. *Aquatic Mammals*, 45(3).

- Kastelein, R.A., Helder-Hoek, L., Gransier, R., Terhune, J.M., Jennings, N. and de Jong, C.A., 2015. Hearing thresholds of harbor seals (*Phoca vitulina*) for playbacks of seal scat signals, and effects of the signals on behavior. *Hydrobiologia*, 756, pp.75-88.
- Kastelein, R.A., Schop, J., Gransier, R. and 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(3), pp.1410-1418.
- Keating, J.M., D. Koster, and J.M. Van Lanen. 2020. Recovery of a Subsistence Way of Life: Assessments of Resource Harvests in Cordova, Chenega, Tatitlek, Port Graham, and Nanwalek, Alaska since the Exxon Valdez Oil Spill. Alaska Department of Fish and Game Division of Subsistence, Technical Paper No. 471, Anchorage.
- Ketten, D.R., Simmons, J.A., Riquimaroux, H. and Simmons, A.M., 2021. Functional analyses of peripheral auditory system adaptations for echolocation in air vs. water. *Frontiers in Ecology and Evolution*, 9, p.661216.
- Kryter, K.D., Ward, W.D., Miller, J.D. and Eldredge, D.H., 1966. Hazardous exposure to intermittent and steady-state noise. *The Journal of the Acoustical Society of America*, 39(3), pp.451-464.
- Lankford, S.E., Adams, T.E., Miller, R.A. and Cech Jr, J.J., 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(4), pp.599-609.
- Leonard, K. and S. Wisdom. 2020. 2020 Whittier Ferry Terminal Modification Marine Mammal Monitoring and Mitigation Report. Prepared for National Marine Fisheries Service, Alaska Region, Protected Resources Division. Prepared by Fairweather Science, LLC, Anchorage, Alaska. 40 p.
- Lusseau, D. and Bejder, L., 2007. The long-term consequences of short-term responses to disturbance experiences from whalewatching impact assessment. *International Journal of Comparative Psychology*, 20(2).
- Madsen, P.T., Wahlberg, M., Tougaard, J., Lucke, K. and Tyack, P., 2006. Wind turbine underwater noise and marine mammals: implications of current knowledge and data needs. *Marine ecology progress series*, 309, pp.279-295.
- Matkin, C., J. Testa, G. Ellis, and E. Saulitis. 2014. Life history and population dynamics of southern Alaska resident killer whales (*Orcinus orca*). *Marine Mammal Science*. 30. 10.1111/mms.12049.
- Matkin, C. O., Durban, J. W., Saulitis, E. L., Andrews, R. D., Straley, J. M., Matkin, D. R., & Ellis, G. M. (2012). Contrasting abundance and residency patterns of two sympatric populations of transient killer whales (*Orcinus orca*) in the northern Gulf of Alaska.
- Miller, A.H., 1974. Political issues and trust in government: 1964–1970. *American political science review*, 68(3), pp.951-972.
- Moberg, Gary P. "Biological response to stress: implications for animal welfare." In *The biology of animal stress: Basic principles and implications for animal welfare.*, pp. 1-21. Wallingford UK: CABI publishing, 2000.

- Moberg, G.P., 1987. A model for assessing the impact of behavioral stress on domestic animals. *Journal of Animal Science*, 65(5), pp.1228-1235.
- Mooney, T.A., Nachtigall, P.E. and Vlachos, S., 2009. Sonar-induced temporary hearing loss in dolphins. *Biology letters*, 5(4), pp.565-567.
- Moran J.R., M.B. O'Dell, M.L. Arimitsu, J.M. Straley, and D.M.S. Dickson. 2018. Seasonal distribution of Dall's porpoise in Prince William Sound, Alaska. Deep Sea Research Part II: Topical Studies in Oceanography, 147: 164-172.
<https://doi.org/10.1016/j.dsr2.2017.11.002>.
- Muto M.M., V.T. Helker, B.J. Delean, N.C. Young, J.C. Freed, R.P. Angliss, N.A. Friday, P.L. Boveng, J.M. Breiwick, B.M. Brost, M.F. Cameron, P.J. Clapham, J.L. Crance, S.P. Dahle, M.E. Dahlheim, B.S. Fadely, M.C. Ferguson, L.W. Fritz, K.T. Goetz, R.C. Hobbs, Y.V. Ivashchenko, A.S. Kennedy, J.M. London, S.A. Mizroch, R.R. Ream, E.L. Richmond, K.E.W. Shelden, K.L. Sweeney, R.G. Towell, P.R. Wade, J.M. Waite, and A.N. Zerbini. 2022. Alaska marine mammal stock assessments, 2021. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-AFSC-441, 295 p.
- Myers, H.J., D.W. Olsen, C.O. Matkin, L.A. Horstmann, and B. Konar. 2021. Passive acoustic monitoring of killer whales (*Orcinus orca*) reveals year-round distribution and residency patterns in the Gulf of Alaska. *Sci Rep* 11, 20284. <https://doi.org/10.1038/s41598-021-99668-0>
- Nachtigall, P.E., Supin, A.Y., Pacini, A.F. and Kastelein, R.A., 2018. Four odontocete species change hearing levels when warned of impending loud sound. *Integrative zoology*, 13(2), pp.160-165.
- National Institute for Occupational Safety and Health, NIOSH (1998) Criteria for a recommended standard. Occupational exposure to noise. Revised Criteria. Cincinnati: USDHHS, PHS, CDC, NIOSH, publication no.98-126.
- NMFS. 2022c. Biologically Important Areas Mapper. From Cetacean & Sound Mapping. Accessed at <https://cetsound.noaa.gov/biologically-important-area-map> on April 18, 2022.
- NMFS. 2022f. Steller Sea Lion Species Profile. Accessed at <https://www.fisheries.noaa.gov/species/steller-sea-lion> on April 18, 2022.
- NMFS. 2021a. Occurrence of Endangered Species Act (ESA) Listed Humpback Whales off Alaska. Revised August 6, 2021.
- NMFS. 2018. 2018 Revision to: Technical Guidance for Assessing the Effects of Anthropogenic Sound on Marine Mammal Hearing (Version 2.0): Underwater Acoustic Thresholds for Onset of Permanent and Temporary Threshold Shifts. U.S. Dept. of Commer., NOAA Technical Memorandum NMFS-OPR-59, 167 p.
- Nedwell, J. and Edwards, B., 2002. Measurements of underwater noise in the Arun River during piling at County Wharf, Littlehampton. *Report by Subacoustech, Ltd. to David Wilson Homes Ltd.*
- Nowacek, D.P., Johnson, M.P. and Tyack, P.L., 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), pp.227-231.

- Olsen, D.W., C.O. Matkin, R.D. Andrews, and S. Atkinson. 2018. Seasonal and pod-specific differences in core use areas by resident killer whales in the Northern Gulf of Alaska. *Deep-Sea Research Part II*, <http://dx.doi.org/10.1016/j.dsr2.2017.10.009>
- Oestman, R. and Earle, C.J., 2012. Effects of pile-driving noise on *Oncorhynchus mykiss* (steelhead trout). In *The Effects of Noise on Aquatic Life* (pp. 263-265). Springer New York.
- Paxton, N., Smolan, W., Böck, T., Melchels, F., Groll, J. and Jungst, T., 2017. Proposal to assess printability of bioinks for extrusion-based bioprinting and evaluation of rheological properties governing bioprintability. *Biofabrication*, 9(4), p.044107.
- Pearsons, T.N., Li, H.W. and Lamberti, G.A., 1992. Influence of habitat complexity on resistance to flooding and resilience of stream fish assemblages. *Transactions of the American Fisheries society*, 121(4), pp.427-436.
- Popper, A.N. and Hastings, M.C., 2009. The effects of anthropogenic sources of sound on fishes. *Journal of fish biology*, 75(3), pp.455-489.
- Reichmuth, C., M.M. Holt, J. Mulsow, J.M. Sills, and B.L. Southall. 2013. Comparative assessment of amphibious hearing in pinnipeds. *Journal of Comparative Physiology A*. Vol. 199(6): 491-507. <https://doi.org/10.1007/s00359-013-0813-y>.
- Rice, A., Deecke, V.B., Ford, J.K., Pilkington, J.F., Oleson, E.M. and Hildebrand, J.A., 2017. Spatial and temporal occurrence of killer whale ecotypes off the outer coast of Washington State, USA. *Marine Ecology Progress Series*, 572, pp.255-268.
- Richardson, W.J., Greene Jr, C.R., Malme, C.I. and Thomson, D.H., 2013. *Marine mammals and noise*. Academic press.
- Richardson, W. J., Greene, C. R. Jr, Malme, C. I., and Thomson, D. H. 1995. Marine mammals and noise. Academic Press, San Diego, California. 576 pp
- Rolland, R.M., Parks, S.E., Hunt, K.E., Castellote, M., Corkeron, P.J., Nowacek, D.P., Wasser, S.K. and Kraus, S.D., 2012. Evidence that ship noise increases stress in right whales. *Proceedings of the Royal Society B: Biological Sciences*, 279(1737), pp.2363-2368.
- Romano, T.A., Olschowka, J.A., Felten, S.Y., Quaranta, V., Ridgway, S.H. and Felten, D.L., 2002a. Immune response, stress, and environment: Implications for cetaceans. *Cell and Molecular Biology of Marine Mammals; CJ Pfeiffer, ed. Krieger Publishing Co., Inc.*
- Romano, N. and Sinha, A.K., 2020b. Husbandry of aquatic animals in closed aquaculture systems. In *Aquaculture Health Management* (pp. 17-73). Academic Press.
- Rone, B. K., A. N. Zerbini, A. B. Douglas, D. W. Weller, and P. J. Clapham. 2017. Abundance and distribution of cetaceans in the Gulf of Alaska. *Mar. Biol.* 164:23. DOI: [dx.doi.org/10.1007/s00227-016-3052-2](https://doi.org/10.1007/s00227-016-3052-2).
- Santulli, A., Modica, A., Messina, C., Ceffa, L., Curatolo, A., Rivas, G., Fabi, G. and D'amelio, V., 1999. Biochemical responses of European sea bass (*Dicentrarchus labrax* L.) to the stress induced by off shore experimental seismic prospecting. *Marine Pollution Bulletin*, 38(12), pp.1105-1114.

- Schlundt, C.E., Finneran, J.J., Carder, D.A. and 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(6), pp.3496-3508.
- Scholik, A.R. and Yan, H.Y., 2002. Effects of boat engine noise on the auditory sensitivity of the fathead minnow, *Pimephales promelas*. *Environmental Biology of Fishes*, 63, pp.203-209.
- Scholik, A.R. and Yan, H.Y., 2001. The effects of underwater noise on auditory sensitivity of fish. *Proceedings of the Institute of Acoustics*, 23, pp.27-36.
- Seyle H (1950) Stress and the general adaptation syndrome. *J Brit Med* 1:1383–1392
- Sinclair, E.H., D.S. Johnson, T.K. Zeppelin, and T.S. Gelatt. 2013. Decadal variation in the diet of western stock Steller sea lions (*Eumetopias jubatus*). U.S. Dep. Commer., NOAA Tech. Memo. NMFS-AFSC-248, 67 p.
- Sinclair, E. H. and T.K. Zeppelin. 2002. Seasonal and spatial differences in diet in the western stock of Steller sea lions (*Eumetopias jubatus*). *Journal of Mammalogy*, 83(4), 973-990.
- Skalski, J.R., Pearson, W.H. and Malme, C.I., 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(7), pp.1357-1365.
- Solstice Alaska Consulting, Inc (SolsticeAK). 2022. Correspondence with Gary Sommerfeld, Manager, Marine Operations for Philips Cruises and Tours, Whittier, Alaska regarding the presence of marine mammal species in Passage Canal. April 12, 2022.
- Southall, B.L., Nowacek, D.P., Bowles, A.E., Senigaglia, V., Bejder, L. and Tyack, P.L., 2021. Marine mammal noise exposure criteria: assessing the severity of marine mammal behavioral responses to human noise. *Aquatic Mammals*, 47(5), pp.421-464.
- Southall, B.L., Finneran, J.J., Reichmuth, C., Nachtigall, P.E., Ketten, D.R., Bowles, A.E., Ellison, W.T., Nowacek, D.P. and Tyack, P.L., 2019. Marine mammal noise exposure criteria: Updated scientific recommendations for residual hearing effects. *Aquatic Mammals*, 45(2), pp.125-232.
- Southall, B., A. Bowles, W. Ellison, J. Finneran, R. Gentry, C. Greene, Jr., D. Kastak, D. Ketten, J. Miller, P. Nachtigall, W. Richardson, J. Thomas, and P. Tyack. 2007. Marine mammal noise exposure criteria: initial scientific recommendations. *Aquatic Mammals* 33:411-521.
- Straley, J.M., J.R. Moran, K.M. Boswell, J.J. Vollenweider, R.A Heintz, T.J. Quinn, B.H. Witteveen, and S.D. Rice. 2018. Seasonal presence and potential influence of humpback whales on wintering Pacific herring populations in the Gulf of Alaska. *Deep-Sea Res. Part II: Topical Studies in Oceanography*. 147: 173-186.
- Straley, J.M., 1990. Fall and winter occurrence of humpback whales (*Megaptera novaeangliae*) in southeastern Alaska. *Report of the International Whaling Commission Special*, 12, pp.319-323.

- Wade, P. 2021. Estimates of abundance and migratory destination for North Pacific humpback whales in both summer feeding areas and winter mating and calving areas. International Whaling Commission. SC/68c/IA/03. 32p. <https://archive.iwc.int/>.
- Ward, W.D., 1960. A comment on Kylin's monograph on temporary threshold shift. *Acta Oto-Laryngologica*, 52(1-6), pp.281-282.
- Wardle, C.S., Carter, T.J., Urquhart, G.G., Johnstone, A.D.F., Ziolkowski, A.M., Hampson, G. and Mackie, D., 2001. Effects of seismic air guns on marine fish. *Continental shelf research*, 21(8-10), pp.1005-1027.
- Wartzok, D., Popper, A.N., Gordon, J. and Merrill, J., 2004. Factors affecting the responses of marine mammals to acoustic disturbance. *Marine Technology Society Journal*, 37(4).
- Wartzok, D.O.U.G.L.A.S. and Ketten, D.R., 1999. Marine mammal sensory systems. *Biology of marine mammals*, 1, pp.117-175.
- Weilgart, L.S., 2007. The impacts of anthropogenic ocean noise on cetaceans and implications for management. *Canadian journal of zoology*, 85(11), pp.1091-1116.
- Witteveen B.H., J.M. Straley, E. Chenoweth, C.S. Baker, J. Barlow, C. Matkin, C.M. Gabriele, J. Neilson, D. Steel, O. von Ziegesar, A.G. Andrews, and A. Hirons. 2011. Using movements, genetics and trophic ecology to differentiate inshore from offshore aggregations of humpback whales in the Gulf of Alaska. *Endang Species Res* 14: 217-225. <https://doi.org/10.3354/esr00351>.
- Womble, J. N. and S. M. Gende. 2013. Post-breeding season migrations of a top predator, the harbor seal (*Phoca vitulina richardii*), from a marine protected area in Alaska. *PLoS One* 8(2): e55386.
- Yazvenko, S.B., McDonald, T.L., Blokhin, S.A., Johnson, S.R., Melton, H.R., Newcomer, M.W., Nielson, R. and Wainwright, P.W., 2007. Feeding of western gray whales during a seismic survey near Sakhalin Island, Russia. *Environmental Monitoring and Assessment*, 134, pp.93-106.
- Zelick, R., Mann, D.A. and Popper, A.N., 1999. Acoustic communication in fishes and frogs. *Comparative hearing: fish and amphibians*, pp.363-411.