

Selected Sound-Related Studies Funded and Co-Funded by BOEM

1. Atlantic Marine Assessment Program for Protected Species
<http://www.nefsc.noaa.gov/psb/AMAPPS/>
2. Characterization and Potential Impacts of Noise Producing Construction and Operation Activities on the Outer Continental Shelf: Data Synthesis
<http://www.data.boem.gov/PI/PDFImages/ESPIS/5/5413.pdf>
3. Characterization of Underwater Sound Produced by Trailing Suction Hopper Dredges During Sand Mining and Pump-Out Operations
<http://el.erdc.usace.army.mil/elpubs/pdf/trel14-3.pdf>
4. COMIDA: Factors Affecting the Distribution and Relative Abundance of Endangered Whales: Passive Acoustic Detection and Monitoring of Endangered Whales in the Arctic
http://www.boem.gov/uploadedFiles/BOEM/Environmental_Stewardship/Environmental_Studies/Alaska_Region/Alaska_Studies/PS_0902a.pdf
5. Controlled Exposure Experiments with Humpback Whales and Seismic Air Gun Arrays and Testing of Effectiveness of Ramp-Up (Study completion expected 2015)
http://www.boem.gov/uploadedFiles/BOEM/Environmental_Stewardship/Environmental_Studies/National/AustralianHumpbackWhaleProfile.pdf
6. Describing Biologically Significant Marine Mammal Behavior
http://www.navymarinespeciesmonitoring.us/files/8713/4629/1074/Marine_Mammals_Sound_Workshop_July_2010_Final_Report.pdf
7. Developing Environmental Protocols and Modeling Tools to Support Ocean Renewable Energy and Stewardship
<http://www.data.boem.gov/PI/PDFImages/ESPIS/5/5208.pdf>
8. Development of Software and Hardware to Acoustically Detect Classify, and Locate Marine Mammals
http://www.boem.gov/uploadedFiles/BOEM/Environmental_Stewardship/Environmental_Studies/National/NT1108.pdf
- 8a. Companion product: Acoustic Metadata Management and Transparent Access to Networked Oceanographic Data Sets (ONR and BOEM reports expected 2014)
http://www.boem.gov/uploadedFiles/BOEM/Environmental_Stewardship/Environmental_Studies/National/NT1108.pdf. Interim Report: <http://www.onr.navy.mil/reports/FY12/noroch.pdf>.
9. Long Range Effects of Airgun Noise on Marine Mammals: Responses as a Function of Received Sound Level and Distance http://www.iwcoffice.co.uk/documents/sci_com/SC58docs/SC-58-E35.pdf



10. Effects of Pile Driving Sounds on Non-auditory Tissues of Fish
<http://www.data.boem.gov/PI/PDFImages/ESPIS/5/5234.pdf>
11. Evaluating Acoustic Technologies to Monitor Aquatic Organisms at Renewable Energy Sites
<http://www.data.boem.gov/PI/PDFImages/ESPIS/5/5415.pdf>
12. Fish Bioacoustics: Sensory Biology, Behavior, and Practical Applications: an International Symposium
http://www.researchgate.net/publication/235199428_Fish_Bioacoustics_-_Sensory_Biology_Behavior_and_Practical_Applications_-_An_International_Symposium
13. Improving Cetacean Electronic Data Loggers: Examination of health effects and long-term impacts of deployments of multiple tag types on blue, humpback, and gray whales in the eastern North Pacific (ONR and BOEM reports expected 2015)
http://www.boem.gov/uploadedFiles/BOEM/Environmental_Stewardship/Environmental_Studies/National/NT1003.pdf
14. Opportunistic Study of Hearing in Sea Otters (*Enhydra lutris*): Measurement of Auditory Detection Thresholds for Tonal and Industry Sounds
<http://www.data.boem.gov/PI/PDFImages/ESPIS/5/5220.pdf>
15. Pressure Wave and Acoustic Properties Generated by the Explosive Removal of Offshore Structures: Potential Effects on Protected Species
<http://www.boem.gov/GM-13-05/>
16. Seismic Survey Mitigation Measures and Marine Mammal Observer Reports
<http://www.data.boem.gov/PI/PDFImages/ESPIS/5/5177.pdf>
17. Sperm Whales and their Response to Seismic Exploration in the Gulf of Mexico (SWSS)
<http://www.data.boem.gov/PI/PDFImages/ESPIS/4/4444.pdf>
18. Sperm Whales and Bottlenose Dolphins in the Gulf of Mexico
http://www.boem.gov/uploadedFiles/BOEM/Environmental_Stewardship/Environmental_Studies/Gulf_of_Mexico_Region/Ongoing_Studies/GM-11-03.pdf
19. The Effects of Noise on Aquatic Life, A. N. Popper and A. Hawkins (eds.), Advances in Experimental Medicine and Biology, 730, Digital Object Identifier (DOI) 10.1007/978-1-4419-7311-5_1, Springer Science + Business Media, LLC 2012. Commercially available online.
20. Underwater Hearing Sensitivity in the Leatherback Sea Turtle (*Dermochelys coriacea*): Assessing the Potential Effect of Anthropogenic Noise <http://www.data.boem.gov/PI/PDFImages/ESPIS/5/5279.pdf>



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