

Bibliography of Deepwater Horizon Oil Spill-Related Marine Mammal Research and Monitoring Studies

March 2021

- Ackleh, A.S., G.E. Ioup, J.W. Ioup, B. Ma, J.J. Newcomb, N. Pal, N.A. Sidorovskaia, and C. Tiemann. 2012. [Assessing the Deepwater Horizon oil spill impact on marine mammal population through acoustics: endangered sperm whales](#). *Journal of the Acoustical Society of America* 131:2306. doi:10.1121.1.3682042
- Ackleh, A.S., R.A. Chiquet, B. Ma, T. Tang, H. Caswell, A. Veprauskas, and N. Sidorovskaia. 2017. [Analysis of lethal and sublethal impacts of environmental disasters on sperm whales using stochastic modeling](#). *Ecotoxicology* 26:820–830. doi:10.1007/s10646-017-1813-4
- Ackleh, A.S., H. Caswell, R.A. Chiquet, T. Tang, and A. Veprauskas. 2018. [Sensitivity analysis of the recovery time for a population under the impact of an environmental disturbance](#). *Natural Resource Modeling* 2018:e12166. doi:10.1111/nrm.12166
- Ainsworth, C.H., C.B. Paris, N. Perlin, L.N. Dornberger, W.F. Patterson III, E. Chancellor, S. Murawski, D. Hollander, K. Daly, I.C. Romero, F. Coleman, and H. Perryman. 2018. [Impacts of the Deepwater Horizon oil spill evaluated using an end-to-end ecosystem model](#). *PLoS ONE* 13(1):e0190840. doi:10.1371/journal.pone.0190840
- Antonio, F.J., R.S. Mendes, and S.M. Thomaz. 2011. [Identifying and modeling patterns of tetrapod vertebrate mortality rates in the Gulf of Mexico oil spill](#). *Aquatic Toxicology* 105(1-2):177–179. doi:10.1016/j.aquatox.2011.05.022
- Balmer, B.C., G.M. Ylitalo, L.E. McGeorge, K.A. Baugh, D. Boyd, K.D. Mullin, P.E. Rosel, C. Sinclair, R.S. Wells, E.S. Zolman, and L.H. Schwacke. 2015. [Persistent organic pollutants \(POPs\) in blubber of common bottlenose dolphins \(*Tursiops truncatus*\) along the northern Gulf of Mexico coast, USA](#). *Science of the Total Environment* 527:306–312. doi:10.1016/j.scitotenv.2015.05.016
- Balmer, B., T.McDonald, F. Hornsby, J. Adams, J. Allen, A. Barleycorn, P. Clarke, C. Cush, A. Honaker, K. McHugh, T. Speakman, R. Wells, and L. Schwacke. 2018. [Long-term trends in a northern Gulf of Mexico common bottlenose dolphin \(*Tursiops truncatus*\) population in the wake of the Deepwater Horizon oil spill](#). *Journal of Cetacean Research and Management* 18:1–9.
- Balmer, J.E., G.M. Ylitalo, T.K. Rowles, K.D. Mullin, R.S. Wells, F.I. Townsend, R.W. Pearce, J.L. Bolton, E.S. Zolman, B.C. Balmer, and L.H. Schwacke. 2018. [Persistent organic pollutants \(POPs\) in blood and blubber of common bottlenose dolphins \(*Tursiops truncatus*\) at three northern Gulf of Mexico sites following the Deepwater Horizon oil spill](#). *Science of the Total Environment* 621:130–137. doi:10.1016/j.scitotenv.2017.11.209
- Barratclough, A., R.S. Wells, L.H. Schwacke, T.K. Rowles, F.M. Gomez, D.A. Fauquier, J.C. Sweeney, F.I. Townsend, L.J. Hansen, E.S. Zolman, B.C. Balmer, and C.R. Smith. 2019. [Health assessments of common bottlenose dolphins \(*Tursiops truncatus*\): Past, present, and potential conservation applications](#). *Frontiers in Veterinary Science* 6:444. doi:10.3389/fvets.2019.00444
- Barratclough, A., F.M. Gomez, J.S. Morey, A. Deming, C. Parry, J.M. Meegan, K.P. Carlin, L. Schwacke, S. Venn-Watson, E.D. Jensen, and C.R. Smith. 2020. Pregnancy profiles in the common bottlenose dolphin (*Tursiops truncatus*): Clinical biochemical and hematological variations during healthy gestation and a successful outcome. *Theriogenology* 142:92–103.
- Barron, M.G., D.N. Vivian, R.A. Heintz, and U.H. Yim. 2020. [Long-term ecological impacts from oil spills: Comparison of Exxon Valdez, Hebei Spirit, and Deepwater Horizon](#). *Environmental Science & Technology* 54(11):6456–6467.

- Booth, C., and L. Thomas. 2021. [An expert elicitation of the effects of low salinity water exposure on bottlenose dolphins](#). *Oceans* 2(1):179-192. doi:10.3390/oceans2010011
- Bowen-Stevens, S.R., D.P. Gannon, R.A. Hazelkorn, G. Lovewell, K.M. Volker, S. Smith, M.C. Tumlin, and J. Litz. 2021. [Diet of common bottlenose dolphins, *Tursiops truncatus*, that stranded in and near Barataria Bay, Louisiana, 2010–2012](#). *Southeastern Naturalist* 20(1):117–134. doi:10.1656/058.020.0113
- Broadwater, M.H., F.M. Van Dolah, and S.E. Fire. 2018. Vulnerabilities of marine mammals to harmful algal blooms. Chapter Five in S.E. Shumway, J.M. Burkholder, and S.L. Morton (eds.) [Harmful Algal Blooms: A Compendium Desk Reference](#). Wiley-Blackwell. 696 pages.
- Carmichael, R.H., W.M. Graham, A. Aven. G. Worthy, and S. Howden. [Were multiple stressors a 'Perfect Storm' for Northern Gulf of Mexico bottlenose dolphins \(*Tursiops truncatus*\) in 2011?](#) *PLoS ONE* 7(7):e41155. doi:10.1371/journal.pone.0041155
- Colegrove, K.M., S. Venn-Watson, J. Litz, M.J. Kinsel, K.A. Terio, E. Fougères, R. Ewing, D.A. Pabst, W.A. McLellan, S. Raverty, J. Saliki, S. Fire, G. Rappucci, S. Bowen-Stevens, L. Noble, A. Costidis, M. Barbieri, C. Field, S. Smith, R.H. Carmichael, C. Chevis, W. Hatchett, D. Shannon, M. Tumlin, G. Lovewell, Wayne McFee, and T.K. Rowles. 2016. [Fetal distress and in utero pneumonia in perinatal dolphins during the Northern Gulf of Mexico unusual mortality event](#). *Diseases of Aquatic Organisms* 119:1–16. doi:10.3354/dao02969
- Deepwater Horizon (DWH) Marine Mammal Injury Quantification Team (DWH MMIQT). 2015. [Models and analyses for the quantification of injury to Gulf of Mexico cetaceans from the Deepwater Horizon oil spill](#). 64 pages.
- DWH Natural Resource Damage Assessment (NRDA) Trustees. 2016. [Deepwater Horizon Oil Spill: Final Programmatic Damage Assessment and Restoration Plan and Final Programmatic Environmental Impact Statement](#).
- DeGuise, S.M. Levin, E. Gebhard, L. Jasperse, L.B. Hart, C.R. Smith, S. Venn-Watson, F. Townsend, R. Wells, B. Balmer, E. Zolman, T. Rowles, and L. Schwacke. 2017. [Changes in immune functions in bottlenose dolphins in the northern Gulf of Mexico associated with the Deepwater Horizon oil spill](#). *Endangered Species Research* 33:291–303. doi:10.3354/esr00814
- DeGuise, S., M. Levin, L. Jasperse, G. Risatti, and R.S. Wells. 2019. [T helper cell subsets and their functions in common bottlenose dolphins \(*Tursiops truncatus*\)](#). *Frontiers in Immunology* 10:1578. doi:10.3389/fimmu.2019.01578
- Deming, A.C., N.L. Wingers, D.P. Moore, D. Rotstein, R.S. Wells, R. Ewing, M.R. Hodanbosi, and R.H. Carmichael. 2020. [Health impacts and recovery from prolonged freshwater exposure in a common bottlenose dolphin \(*Tursiops truncatus*\)](#). *Frontiers in Veterinary Science* 7:235. doi:10.3389/fvets.2020.00235
- Dias L.A., J. Litz, L. Garrison, A. Martinez, K. Barry, and T. Speakman. 2017. [Exposure of cetaceans to petroleum products following the Deepwater Horizon oil spill in the Gulf of Mexico](#). *Endangered Species Research* 33:119–125. doi:10.3354/esr00770
- Duignan, P.J., N.S. Stephens, and K. Robb. 2020. [Fresh water skin disease in dolphins: a case definition based on pathology and environmental factors in Australia](#). *Scientific Reports* 10:21979.
- Endangered Species Research Special Issue: [Effects of the Deepwater Horizon Oil Spill on Protected Marine Species](#). *Endangered Species Research* Volume 33, published Jan 31, 2017.
- Farmer, N.A. K. Baker, D.G. Zeddies, S.L. Denes, D.P. Noren, L.P. Garrison, A. Machernis, E.M. Fougères, and M. Zykov. 2018. [Population consequences of disturbance by offshore oil and gas activity for endangered sperm whales \(*Physeter macrocephalus*\)](#). *Biological Conservation* 227:189–204.

- Fauquier, D.A., J. Litz, S. Sanchez, K. Colegrove, L.H. Schwacke, L. Hart, J. Saliki, C. Smith, T. Goldstein, S. Bowen-Stevens, W. McFee, E. Fougères, B. Mase-Guthrie, E. Stratton, R. Ewing, S. Venn-Watson, R.H. Carmichael, C. Clemons-Chevis, W. Hatchett, D. Shannon, S. Shippee, S. Smith, L. Staggs, M.C. Tumlin, N.L. Wingers, and T.K. Rowles. 2017. [Evaluation of morbillivirus exposure in cetaceans from the northern Gulf of Mexico 2010–2014](#). *Endangered Species Research* 33:211–220. doi:10.3354/esr00772
- Frasier, K.E., A. Solsona-Berga, L. Stokes, and J.A. Hildebrand. 2020. [Impacts of the Deepwater Horizon oil spill on marine mammals and sea turtles](#). Pages 431–462 in Murawski, S., C.H. Ainsworth, S. Gilbert, D.J. Hollander, C.B. Paris, M. Schlüter and D.L. Wetzel (eds.), *Deep Oil Spills: Facts, Fate, and Effects*. Springer, Cham. doi:10.1007/978-3-030-11605-7
- Frasier, K.E. 2020. [Evaluating impacts of deep oil spills on oceanic marine mammals](#). Pages 419–441 in Murawski, S., C.H. Ainsworth, S. Gilbert, D.J. Hollander, C.B. Paris, M. Schlüter and D.L. Wetzel (eds.), *Scenarios and Responses to Future Deep Oil Spills: Fighting the Next War*. Springer, Cham. doi:10.1007/978-3-030-12963-7
- Galligan, T.M., A.S.P. Boggs, B.C. Balmer, T. Rowles, C.R. Smith, F. Townsend, R.S. Wells, N.M. Kellar, E.S. Zolman, and L.H. Schwacke. 2020. [Blubber steroid hormone profiles as indicators of physiological state in free-ranging common bottlenose dolphins \(*Tursiops truncatus*\)](#). *Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology* 239:110583. doi:10.1016/j.cbpa.2019.110583
- Garrison, L.P., and L.A. Dias. 2020. [Distribution and abundance of cetaceans in the Northern Gulf of Mexico](#). NOAA Technical Memorandum NMFS-SEFSC-747. 47 pages.
- Garrison, L.P. and L. Stokes. 2020. [Estimated bycatch of marine mammals and sea turtles in the U.S. Atlantic pelagic longline fleet during 2017](#). NMFS Southeast Fisheries Science Center, Protected Resources and Biodiversity Division, PRD Contribution: #PRD-2020-05. 61 pages.
- Garrison, L.P., J. Litz, and C. Sinclair. 2020. [Predicting the effects of low salinity associated with the Mid-Barataria Sediment Diversion project on resident common bottlenose dolphins \(*Tursiops truncatus*\) in Barataria Bay, Louisiana](#). NOAA Technical Memorandum NOAA NMFS-SEFSC-748. 97 pages.
- Godard-Codding, C.A.J. and T.K. Collier. 2018. [Chapter 3 - The effects of oil exposure on cetaceans](#). Pages 75-93 in M.C. Fossi and C. Panti (eds.), *Marine Mammal Ecotoxicology: Impacts of Multiple Stressors on Population Health*. Academic Press, London, United Kingdom. doi:10.1016/C2016-0-03201-1
- Hart, L.B., R.S. Wells, N. Kellar, B.C. Balmer, A.A. Hohn, S.V. Lamb, T. Rowles, E.S. Zolman, and L.H. Schwacke. 2015. [Adrenal hormones in common bottlenose dolphins \(*Tursiops truncatus*\): Influential factors and reference intervals](#). *PLoS ONE* 10(5):e0127432. doi:10.1371/journal.pone.0127432
- Hildebrand, J.A., S. Baumann-Pickering, K.E. Frasier, J.S. Trickey, K.P. Merckens, S.M. Wiggins, M.A. McDonald, L.P. Garrison, D. Harris, T.A. Marques, and L. Thomas. 2015. [Passive acoustic monitoring of beaked whale densities in the Gulf of Mexico](#). *Scientific Reports*, 5, 16343. doi:10.1038/srep16343.
- Hohn, A.A., L. Thomas, R.H. Carmichael, J. Litz, C. Clemons-Chevis, S.F. Shippee, C. Sinclair, S. Smith, T.R. Speakman, M.C. Tumlin, and E.S. Zolman. 2017. [Assigning stranded bottlenose dolphins to source stocks using stable isotope ratios following the Deepwater Horizon oil spill](#). *Endangered Species Research* 33:235–252. doi:10.3354/esr00783
- Hornsby, F.E., T.L. McDonald, B.C. Balmer, T.R. Speakman, K.D. Mullin, P.E. Rosel, R.S. Wells, A.C. Telander, P.W. Marcy, K.C. Klaphake, and L.H. Schwacke. 2017. [Using salinity to](#)

- [identify common bottlenose dolphin habitat in Barataria Bay, Louisiana](#), USA. *Endangered Species Research* 33:181–192. doi:10.3354/esr00807
- Kellar, N.M., T.R. Speakman, C.R. Smith, S.M. Lane, B.C. Balmer, M.L. Trego, K.N. Catelani, M.N. Robbins, C.D. Allen, R.S. Wells, E.S. Zolman, T.K. Rowles, and L.H. Schwacke. 2017. [Low reproductive success rates of common bottlenose dolphins *Tursiops truncatus* in the northern Gulf of Mexico following the Deepwater Horizon disaster \(2010–2015\)](#). *Endangered Species Research* 33:143–158. doi:10.3354/esr00775
- Lane, S.M., C.R. Smith, J. Mitchell, B.C. Balmer, K.P. Barry, T. McDonald, C.S. Mori, P.E. Rosel, T.K. Rowles, T.R. Speakman, F.I. Townsend, M.C. Tumlin, R.S. Wells, E.S. Zolman, and L.H. Schwacke. 2015. [Reproductive outcome and survival of common bottlenose dolphins sampled in Barataria Bay, Louisiana, USA, following the Deepwater Horizon oil spill](#). *Proceedings of the Royal Society B* 282 20151944. doi:10.1098/rspb.2015.1944
- Li, K., and N. Sidorovskaia. 2018. [A study of beaked whale's regional habitat use near the Deepwater Horizon oil spill through passive acoustics](#). Abstract #H13K-1899, American Geophysical Union 2018 Fall Meeting Abstracts.
- Litz, J.A., M.A. Baran, S.R. Bowen-Stevens, R.H. Carmichael, K.M. Colegrove, L.P. Garrison, S.E. Fire, E.M. Fougères, R. Hardy, S. Holmes, W. Jones, B.E. Mase-Guthrie, D.K. Odell, P.E. Rosel, J.T. Saliki, D.K. Shannon, S.F. Shippee, S.M. Smith, E.M. Stratton, M.C. Tumlin, H.R. Whitehead, G.A.J. Worthy, and T.K. Rowles. 2014. [Review of historical unusual mortality events \(UMEs\) in the Gulf of Mexico \(1990-2009\): providing context for the multi-year northern Gulf of Mexico cetacean UME declared in 2010](#). *Diseases of Aquatic Organisms* 112:161–175.
- Martin, J., H.H. Edwards, F. Bled, C.J. Fonnesebeck, J.A. Dupuis, B. Gardner, S.M. Koslovsky, A.M. Aven, L.I. Ward-Geiger, R.H. Carmichael, D.E. Fagan, M.A. Ross, and T.R. Reinert. 2014. [Estimating upper bounds for occupancy and number of manatees in areas potentially affected by oil from the Deepwater Horizon oil spill](#). *PLoS ONE* 9(3):e91683. doi:10.1371/journal.pone.0091683
- McClain, A.M., R. Daniels, F.M. Gomez, S.H. Ridgway, R. Takeshita, E.D. Jensen, and C.R. Smith. 2020. [Physiological effects of low salinity exposure on bottlenose dolphins \(*Tursiops truncatus*\)](#). *Journal of Zoological and Botanical Gardens* 1:61–75. doi:10.3390/jzbg1010005
- McDonald, T.L., F.E. Hornsby, T.R. Speakman, E.S. Zolman, K.D. Mullin, C. Sinclair, P.E. Rosel, L. Thomas, and L.H. Schwacke. 2017. [Survival, density, and abundance of common bottlenose dolphins in Barataria Bay \(USA\) following the Deepwater Horizon oil spill](#). *Endangered Species Research* 33:193–209. doi:10.3354/esr00806
- Mearns, A.J., M. Bissell, A.M. Morrison, M.A. Rempel-Hester, C. Arthur, and N. Rutherford. 2019. [Effects of pollution on marine organisms](#). *Water Environment Federation* 91:1229–1252. doi:10.1002/wer.1218
- Miller, L.J., A.D. Mackey, M. Solangi, and S.A. Kuczaj II. 2013. [Population abundance and habitat utilization of bottlenose dolphins in the Mississippi Sound](#). *Aquatic Conservation: Marine and Freshwater Ecosystems* 23:145–151. doi:10.1002/aqc.2278
- Morano, J.L., J.T. Tielens, C. Muirhead, B.J. Estarook, P.J. Sullivan, P.J. Dugan, C.W. Clark, and A.N. Rice. 2020. [Seasonal movements of Gulf of Mexico sperm whales following the Deepwater Horizon oil spill and the limitations of impact assessments](#). *Marine Pollution Bulletin* 161:111627.
- Mullin, K. D., K. Barry, C. Sinclair, J. Litz, K. Maze-Foley, E. Fougères, B. Mase-Guthrie, R. Ewing, A. Gorgone, J. Adams and M. Tumlin. 2015. [Common bottlenose dolphins \(*Tursiops truncatus*\) in Lake Pontchartrain, Louisiana: 2007 to mid-2014](#). NOAA Technical Memorandum NMFS-SEFSC-673, 43 pages. doi:10.7289/V51C1TT8

- Mullin, K. D., Trent McDonald, Randall S. Wells, Brian C. Balmer, Todd Speakman, Carrie Sinclair, Eric S. Zolman, Fawn Hornsby, Shauna M. McBride, Krystan A. Wilkinson, Lori H. Schwacke. 2017. [Density, abundance, survival, and ranging patterns of common bottlenose dolphins \(*Tursiops truncatus*\) in Mississippi Sound following the Deepwater Horizon oil spill](#). PLoS ONE 12(10):e0186265 doi:10.1371/journal.pone.0186265
- Mullin, K.D., K. Barry, T. McDonald, J. Morey, B. Quigley, E. Ronje, L. Schwacke, C. Sinclair, T. Speakman and J. Thompson. 2018. [Assessment of the overlap of Terrebonne-Timbalier Bay and Barataria Bay common bottlenose dolphin \(*Tursiops truncatus*\) stocks based on photo-identification of individual dolphins](#). NOAA Technical Memorandum NMFS-SEFSC-729. 29 pages. doi:10.25923/8g4y-dg29
- Pasamontes, A. A.A. Aksenov, M. Schivo, T. Rowles, C.R. Smith, L.H. Schwacke, R.S. Wells, L. Yeates, S. Venn-Watson, and C.E. Davis. 2017. [Noninvasive respiratory metabolite analysis associated with clinical disease in cetaceans: A Deepwater Horizon oil spill study](#). Environmental Science & Technology 51:5737–5746. doi:10.1021/acs.est.6b06482
- Peterson, C.H., K.P. Franklin, and E.E. Cordes. 2020. [Connectivity corridor conservation: A conceptual model for the restoration of a changing Gulf of Mexico ecosystem](#). Elementa Science of the Anthropocene 8(1):016. doi:10.1525/elementa.016
- Pitchford, J.L. B.J.S. Serafin, D. Shannon, A.T. Coleman, and M. Solangi. 2013. [An analysis of historical bottlenose dolphin \(*Tursiops truncatus*\) strandings in the Mississippi Sound, USA using classification and regression trees \(CART\)](#). Journal of Cetacean Research and Management 13(3):201–209.
- Pitchford, J.L., V.A. Howard, J.K. Shelley, B.J.S. Serafin, A.T. Coleman, and M. Solangi. 2016. [Predictive spatial modelling of seasonal bottlenose dolphin \(*Tursiops truncatus*\) distributions in the Mississippi Sound](#). Aquatic Conservation: Marine and Freshwater Ecosystems 26(2):289–306. doi:10.1002/aqc.2547
- Pitchford, J.L., E.E. Pulis, K. Evans, J.K. Shelley, B.J.S. Serafin, and M. Solangi. 2016. [Seasonal density estimates of *Tursiops truncatus* \(bottlenose dolphin\) in the Mississippi Sound from 2011 to 2013](#). Southeastern Naturalist 15(2):188–206. doi:10.1656/058.015.0201
- Pitchford, J.L., M. Garcia, E.E. Pulis, A.M. Ambert, A.J. Heaton, M. Solangi. 2018. [Gauging the influence of increased search effort on reporting rates of bottlenose dolphin \(*Tursiops truncatus*\) strandings following the Deepwater Horizon oil spill](#). PLoS ONE 13(6):e0199214. doi:10.1371/journal.pone.0199214
- Rosel, P.E., K.D. Mullin, L. Garrison, L. Schwacke, J. Adams, B. Balmer, P. Conn, M.J. Conroy, T. Eguchi, A. Gorgone, A. Hohn, M. Mazzoil, C. Schwarz, C. Sinclair, T. Speakman, K. Urian, N. Vollmer, P. Wade, R. Wells, and E. Zolman. [Photo-identification capture-mark-recapture techniques for estimating abundance of bay, sound, and estuary populations of bottlenose dolphins along the U.S. East Coast and Gulf of Mexico: A workshop report](#). NOAA Technical Memorandum NMFS-SEFSC-621.
- Rosel, P.E., L.A. Wilcox, C. Sinclair, T.R. Speakman, M.C. Tumlin, J.A. Litz, and E.S. Zolman. 2017. [Genetic assignment to stock of stranded common bottlenose dolphins in southeastern Louisiana after the Deepwater Horizon oil spill](#). Endangered Species Research 33:221–234. doi:10.3354/esr00780
- Rosel, P.E., L.A. Wilcox, T.K. Yamada, and K.D. Mullin. 2021. [A new species of baleen whale \(*Balaenoptera*\) from the Gulf of Mexico, with a review of its geographic distribution](#). Marine Mammal Science 2021;1–34. doi:10.1111/mms.12776
- Samuelson, M.M., M. Fujiwara, E.E. Pulis, J. Pitchford, V.A. Hward, and M. Solangi. 2021. [Comprehensive evaluation of survival and population growth for common bottlenose](#)

- [dolphins \(*Tursiops truncatus*\) in the Mississippi Sound, USA, following the Deepwater Horizon Oil Spill](#). Southeastern Naturalist 20(1):178–191.
- Schwacke, L.H., C.R. Smith, F.I. Townsend, R.S. Wells, L.B. Hart, B.C. Balmer, T.K. Collier, S. De Guise, M.M. Fry, L.J. Guillette, Jr., S.V. Lamb, S.M. Lane, W.E. McFee, N.J. Place, M.C. Tumlin, G.M. Ylitalo, E.S. Zolman, and T.K. Rowles. 2014. [Health of common bottlenose dolphins \(*Tursiops truncatus*\) in Barataria Bay, Louisiana, following the Deepwater Horizon oil spill](#). Environmental Science and Technology 48(1):93–103. [Supplementary information](#). doi:10.1021/es403610f
- Schwacke, L.H., C.R. Smith, F.I. Townsend, R.S. Wells, L.B. Hart, B.C. Balmer, T.K. Collier, S. De Guise, M.M. Fry, L.J. Guillette, Jr., S.V. Lamb, S.M. Lane, W.E. McFee, N.J. Place, M.C. Tumlin, G.M. Ylitalo, E.S. Zolman, and T.K. Rowles. 2014. [Response to comment on Health of common bottlenose dolphins \(*Tursiops truncatus*\) in Barataria Bay, Louisiana following the Deepwater Horizon oil spill](#). Environmental Science and Technology 48(7):4209–4211. doi:10.1021/es5009278
- Schwacke, L.H., L. Thomas, R.S. Wells, W.E. McFee, A.A. Hohn, K.D. Mullin, E.S. Zolman, B.M. Quigley, T.K. Rowles, and J.H. Schwacke. 2017. [Quantifying injury to common bottlenose dolphins from the Deepwater Horizon oil spill using an age-, sex- and class-structured population model](#). Endangered Species Research 33:265–279. doi:10.3354/esr00777
- Shen, S., W. Wu, D.J. Grimes, E.A. Saillant, and R.J. Griffitt. 2020. [Community composition and antibiotic resistance of bacteria in bottlenose dolphins *Tursiops truncatus* – Potential impact of 2010 BP Oil Spill](#). Science of the Total Environment 732:139125. doi:10.1016/j.scitotenv.2020.139125
- Sinclair, C., J. Sinclair, E. Zolman, A. Martinez, B. Balmer, and K. Barry. 2015. [Remote biopsy sampling field procedures for cetaceans used during the Natural Resource Damage Assessment of the MSC252 Deepwater Horizon oil spill](#). NOAA Technical Memorandum NMFS-SEFSC-670, 28 pages. doi:10.7289/V5CC0XN0
- Sinclair, C. 2016. [Comparison of group size, abundance estimates, and movement patterns of common bottlenose dolphins \(*Tursiops truncatus*\) in Mississippi Sound, Mississippi](#). Louisiana State University Master's Theses, 1866. 61 pages.
- Smith, C.R., M. Solano, B.A. Lutmerding, S.P. Johnson, J.M. Meegan, C.R. Le-Bert, F. Emory-Gomez, S. Cassle, K. Carlin, and E.D. Jensen. 2012. [Pulmonary ultrasound findings in a bottlenose dolphin *Tursiops truncatus* population](#). Diseases of Aquatic Organisms 101:243–255. doi:10.3354/dao02537
- Smith, C.R., T.K. Rowles, L.B. Hart, F.L. Townsend, R.S. Wells, E.S. Zolman, B.C. Balmer, B. Quigley, M. Ivančić, W. McKercher, M.C. Tumlin, K.D. Mullin, J.D. Adams, Q. Wang, W. McFee, T.K. Collier, and L.H. Schwacke. 2017. [Slow recovery of Barataria Bay dolphin health following the Deepwater Horizon oil spill \(2013–2014\), with evidence of persistent lung disease and impaired stress response](#). Endangered Species Research 33:127–142. doi:10.3354/esr00778
- Soldevilla, M.S., L.P. Garrison, E. Scott-Denton, and R. Hart. 2016. [Estimated bycatch mortality of marine mammals in the Gulf of Mexico shrimp otter trawl fishery during 2012 to 2014](#). NOAA Technical Memorandum NMFS-SEFSC-697, 47 pages. doi:10.7289/V5/TM-SEFSC-697.
- Sullivan, L., T. Brosnan, T. Rowles, L. Schwacke, C. Simeone, and T.K. Collier. 2019. [Guidelines for assessing exposure and impacts of oil spills on marine mammals](#). NOAA Technical Memorandum NMFS-OPR-62, 82 pages.

- Takeshita, R., L. Sullivan, C. Smith, T. Collier, A. Hall, T. Brosnan, T. Rowles, and L. Schwacke. 2017. [REVIEW: The Deepwater Horizon oil spill marine mammal injury assessment](#). *Endangered Species Research* 33:95–106. doi:10.3354/esr00808
- Thomas, L., C.G. Booth, P.E. Rosel, A. Hohn, J. Litz, and L.H. Schwacke. 2017. [Where were they from? Modelling the source stock of dolphins stranded after the Deepwater Horizon oil spill using genetic and stable isotope data](#). *Endangered Species Research* 33:253–264. doi:10.3354/esr00754
- Toms, C.N., T. Stone, and T. Och-Adams. 2020. [Visual-only assessments of skin lesions on free-ranging common bottlenose dolphins \(*Tursiops truncatus*\): Reliability and utility of quantitative tools](#). *Marine Mammal Science* 2020:1–30. doi:10.1111/mms.12670
- Tseng, F.S., and M. Ziccardi. 2020. [Care of oiled wildlife](#). Pages 75–84 in Hernandez, S.M. *Medical Management of Wildlife Species: A Guide for Practitioners*. John Wiley & Sons, Hoboken, New Jersey. doi:10.1002/9781119036708
- Van Dolah, F.M., M.G. Neely, L.E. McGeorge, B.C. Balmer, G.M. Ylitalo, E.S. Zolman, T. Speakman, C. Sinclair, N.M. Kellar, P.E. Rosel, K.D. Mullin, and L.H. Schwacke. 2015. [Seasonal variation in the skin transcriptome of common bottlenose dolphins \(*Tursiops truncatus*\) from the northern Gulf of Mexico](#). *PLoS ONE* 10(6):e0130934. doi:10.1371/journal.pone.0130934
- Venn-Watson, S., L. Garrison, J.A. Litz, E.M. Fougères, B.E. Mase, G. Rappucci, E. Stratton, R. Carmichael, D.K. Odell, D.K. Shannon, S.F. Shippee, S.M. Smith, L. Staggs, M.C. Tumlin, H.R. Whitehead, and T.K. Rowles. 2015. [Demographic clusters identified within the northern Gulf of Mexico common bottlenose dolphin \(*Tursiops truncatus*\) Unusual Mortality Event: January 2010 - June 2013](#). *PLoS ONE* 10(2):e0117248. doi:10.1371/journal.pone.0117248
- Venn-Watson, S., K.M. Colegrove, J. Litz, M. Kinsel, K. Terio, J. Saliki, S. Fire, R. Carmichael, C. Chevis, W. Hatchett, J. Pitchford, M. Tumlin, C. Field, S. Smith, R. Ewing, D. Fauquier, G. Lovewell, H. Whitehead, D. Rotstein, W. McFee, E. Fougères, and T. Rowles. 2015. [Adrenal gland and lung lesions in Gulf of Mexico common bottlenose dolphins \(*Tursiops truncatus*\) found dead following the Deepwater Horizon oil spill](#). *PLoS ONE* 10(5):e0126538. doi:10.1371/journal.pone.0126538
- Veprauskas, A., A.S. Ackleh, and T. Tang. 2018. [Examining the effect of reoccurring disturbances on population persistence with application to marine mammals](#). *Journal of Theoretical Biology* 455:109–117. doi:10.1016/j.jtbi.2018.07.011
- Vollmer, N.L., and P.E. Rosel. 2013. [A review of common bottlenose dolphins \(*Tursiops truncatus truncatus*\) in the northern Gulf of Mexico: Population biology, potential threats, and management](#). *Southeastern Naturalist* 12(m6):1–43. doi:10.1656/058.012.m601
- Vollmer, N.L. and P.E. Rosel. 2017. [Fine-scale population structure of common bottlenose dolphins \(*Tursiops truncatus*\) in offshore and coastal waters of the U.S. Gulf of Mexico](#). *Marine Biology* 164:160. doi:10.1007/s00227-017-3186-x
- Wallace, B.P., T. Brosnan, D. McLamb, T. Rowles, E. Ruder, B. Schroeder, L. Schwacke, B. Stacy, L. Sullivan, R. Takeshita, and D. Wehner. 2017. [OVERVIEW: Effects of the Deepwater Horizon oil spill on protected marine species](#). *Endangered Species Research* 33:1–7. doi:10.3354/esr00789
- Wallace, R.L., S. Gilbert, and J.E. Reynolds III. 2019. [Improving the integration of restoration and conservation in marine and coastal ecosystems: Lessons from the Deepwater Horizon disaster](#). *BioScience* 69:920-927. doi:10.1093/biosci/biz103

- Wells, R.S., C.R. Smith, J.C. Sweeney, F.I. Townsend, D.A. Fauquier, R. Stone, et al. 2014. [Fetal survival of common bottlenose dolphins \(*Tursiops truncatus*\) in Sarasota Bay, Florida](#). Aquatic Mammals 40(3):252–259. doi:10.1578/AM.40.3.2014.252
- Wells, R.S., J.B. Allen, G. Lovewell, J. Gorzelany, R.E. Delynn, D.A. Fauquier, N.B. Barros, and Stranding Investigations Program, Mote Marine Laboratory. 2015. [Carcass-recovery rates for resident bottlenose dolphins in Sarasota Bay, Florida](#). Marine Mammal Science 31(1):355–368. doi:10.1111/mms.12142
- Wells, R.S., L.H. Schwacke, T.K. Rowles, B.C. Balmer, E. Zolman, T. Speakman, F.I. Townsend, M.C. Tumlin, A. Barleycorn, and K.A. Wilkinson. 2017. [Ranging patterns of common bottlenose dolphins *Tursiops truncatus* in Barataria Bay, Louisiana, following the Deepwater Horizon oil spill](#). Endangered Species Research 33:159–180. doi:10.3354/esr00732
- White, E.D., F. Messina, L. Moss, and E. Meselhe. 2018. [Salinity and marine mammal dynamics in Barataria Basin: Historic patterns and modeled diversion scenarios](#). Water 10:1015. doi:10.3390/w10081015
- Wilkin, S.M., T.K. Rowles, E. Stratton, N. Adimey, C.L. Field, S. Wissmann, G. Shigenaka, E. Fougères, B. Mase, Southeast Region Stranding Network, M.H. Ziccardi. [Marine mammal response operations during the Deepwater Horizon oil spill](#). Endangered Species Research 33:107–118. doi:10.3354/esr00811
- Williams, R., S. Gero, L. Bejder, J. Calambokidis, S.D. Kraus, D. Lusseau, A.J. Read, and J. Robbins. 2011. [Underestimating the damage: interpreting cetacean carcass recoveries in the context of the Deepwater Horizon/BP incident](#). Conservation Letters 4:228–233. doi:10.1111/j.1755-263X.2011.00168.x
- Wise, C.F., J.T.F. Wise, S.S. Wise, W.D. Thompson, J.P. Wise, Jr., and J.P. Wise, Sr. 2014. [Chemical dispersants used in the Gulf of Mexico oil crisis are cytotoxic and genotoxic to sperm whale skin cells](#). Aquatic Toxicology 152:335–340. doi:10.1016/j.aquatox.2014.04.020
- Wise, C.F., J.T.F. Wise, S.S. Wise, and J.P. Wise Sr. 2018. [Chemically dispersed oil is cytotoxic and genotoxic to sperm whale skin cells](#). Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology 208:64–70. doi:10.1016/j.cbpc.2017.10.009
- Wise, J.P., Jr., J.T.F. Wise, C.F. Wise, S.S. Wise, C. Gianios, Jr., H. Xie, W.D. Thompson, C. Perkins, C. Falank, and J.Pierce Wise, Sr. 2014. [Concentrations of the genotoxic metals, chromium and nickel, in whales, tar balls, oil slicks, and released oil from the Gulf of Mexico in the immediate aftermath of the Deepwater Horizon oil crisis: Is genotoxic metal exposure part of the Deepwater Horizon legacy?](#) Environmental Science & Technology 48:2997–3006. doi:10.1021/es405079b
- Wise, J.P. Jr., J.T.F. Wise, C.F. Wise, S.S. Wise, C. Gianios Jr., H. Xie, R. Walter, M. Boswell, C. Zhu, T. Zheng, C. Perkins, J.P. Wise Sr. 2018. [A three year study of metal levels in skin biopsies of whales in the Gulf of Mexico after the Deepwater Horizon oil crisis](#). Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology 205:15–25. doi:10.1016/j.cbpc.2017.12.003
- Wursig, B. [Marine mammals of the Gulf of Mexico](#). Chapter 13 in C.H. Ward (ed.) Habitats and Biota of the Gulf of Mexico before the Deepwater Horizon Oil Spill, Volume 2: Fish Resources, Fisheries, Sea Turtles, Avian Resources, Marine Mammals, Disease and Mortalities. doi:10.1007/978-1-4939-3456-0_5