**Reading Assignments For Oiled Aquatic Wildlife and Harmful Algal Blooms**

*Stratton*

Fowler 10, Ch 60, Harmful Algal Blooms

Bloodgood, Deming, Colegrove. Causes of death and pathogen prevalence in bottlenose dolphins Tursiops truncatus stranded in Alabama, USA, between 2015 and 2020, following the Deepwater Horizon oil spill. *DISEASES OF AQUATIC ORGANISMS*. Vol. 155: 87–102, 2023

*Souza*

CRC Handbook of Marine Mammal Medicine, Chapter 2, Oil spill response and effects

Perrault, J.R., Barron, H.W., Malinowski, C.R. *et al.* Use of intravenous lipid emulsion therapy as a novel treatment for brevetoxicosis in sea turtles. *Science Reports* **11**, 24162 (2021)

*Mumm*

CRC Handbook of Marine Mammal Medicine, Chapter 16, Harmful algae and biotoxins

Su, R.C.; Meyers, C.M.; Warner, E.A., et al. Harmful Algal Bloom Toxicity in *Lithobates catesbeiana* Tadpoles. Toxins **2020**, 12, 378.

*Dannemiller*

Sea Turtle Health and Rehabilitation, Chapter 32, Harmful algae and biotoxins

Smith CR, Rowles TK, Gomez FM et al. Poor pulmonary health in Barataria Bay dolphins in the eight years following the Deepwater Horizon oil spill. *Frontiers in Marine Science***. 2022.** 9:975006. doi: 10.3389/fmars.2022.975006

*Martinelli*

Sea Turtle Health and Rehabilitation, Chapter 37, Oil and sea turtles

Miller MA, Moriarty ME, Duignan PJ, et al. Clinical Signs and Pathology Associated With Domoic Acid Toxicosis in Southern Sea Otters (Enhydra lutris nereis). *Frontiers in Marine Science.* 2021. Vol 8.

**Interesting supplemental reading:** (not required)

Martin Grosell and Christina Pasparakis. [Physiological Responses of Fish to Oil Spills](https://www-annualreviews-org.prox.lib.ncsu.edu/doi/abs/10.1146/annurev-marine-040120-094802).

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## Yaghmour F, Els J, Maio E, et al. Oil spill causes mass mortality of sea snakes in the Gulf of Oman. [*Science of The Total Environment*](https://www.sciencedirect.com/journal/science-of-the-total-environment)*.* [Volume 825](https://www.sciencedirect.com/journal/science-of-the-total-environment/vol/825/suppl/C), 15 June 2022

# Van Hemert C, Dusek RJ, Smith MM, et al. Investigation of Algal Toxins in a Multispecies Seabird Die-Off in the Bering and Chukchi Seas. J Wildl Dis (2021) 57 (2): 399–407. (Short Communication)