

Deepwater Horizon: Natural Resource Damage Assessment Toxicity Testing Program

These publications include work done to support the Deepwater Horizon NRDA as well as follow on research related to the Deepwater Horizon oil spill.

Peer-Reviewed Publications

Bonatesta, F., Messerschmidt, V.L., Schneider, L., Lee, J., Lund, A.K., and E.M. Mager. 2023. Acute exposure of early-life stage zebrafish (*Danio rerio*) to Deepwater Horizon crude oil impairs glomerular filtration and renal fluid clearance capacity. *Environ Science and Pollution Research* 30(8):21990–21999. Available: <https://link.springer.com/article/10.1007/s11356-022-23805-z>.

Bonatesta, F., A. Khursigara, K. Ackerly, A. Esbaugh, and E. Mager. 2022. Early Life- Stage Deepwater Horizon Crude Oil Exposure Induces Latent Osmoregulatory Defects in Larval Red Drum (*Sciaenops ocellatus*). *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology* 260:109405. Available: <https://www.sciencedirect.com/science/article/abs/pii/S1532045622001405>.

Bonatesta, F., C. Cameron, E. Price, Y. Wang, J. Greer, E. Xu, D. Schlenk, M. Grosell, and E. Mager. 2022. The Developing Zebrafish Kidney is Impaired by Deepwater Horizon Crude Oil Early-Life Stage Exposure: A Molecular to Whole-Organism Perspective. *Science of the Total Environment* 808:151988. Available: <https://www.sciencedirect.com/science/article/abs/pii/S0048969721070649>.

Price, E., F. Bonatesta, V. McGruer, D. Schlenk, A. Roberts, and E. Mager. 2022. Exposure of Zebrafish larvae to Water Accommodated Fractions of Weathered Crude oil Alters Steroid Hormone Concentrations with Minimal Effect on Cholesterol. *Aquatic Toxicology* 242:106045. Available: <https://www.sciencedirect.com/science/article/abs/pii/S0166445X21003052>.

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