

Select Publications of the Underwater Sound Reference Division (USA): 2010-2019

Crocker, S.E., Fratantonio, F.D., Hart, P.E., Foster, D., O'Brien, T.F., and Labak, S., "Characteristics of the acoustic fields radiated by certain high-resolution marine geophysical survey systems," *IEEE J. Ocean. Eng.*, 44, pp. 796-813 (2019) doi:10.1109/JOE.2018.2829958

Slater, W., Crocker, S.E., and Baker, S., "A primary method for the complex calibration of a hydrophone from 1 Hz to 2 kHz," *Metrologia*, 55, pp. 84-94, (2017) doi: 10.1088/1681-7575/aa87f7

Iafrate, J.D., Watwood, S., Reyier, E.A., Scheidt, D.M., Dossot, G., Crocker, S.E., "Effects of pile driving on the residency and movement of tagged reef fish," *PLoS ONE*, 11(11): e0163638, (2016) doi: 10.1371/journal.pone.0163638.

Iafrate, J.D., Watwood, S.L., Reyier, E.A., Gilchrest, M., and Crocker, S.E., "Residency of Reef Fish During Pile Driving within a Shallow Pierside Environment," *Adv. Exp. Med. Bio.*, 875, pp. 479-487 (2016) doi: 10.1007/978-1-4939-2981-8_58.

Crocker, S.E. and Smalley, R.R., "Calibration of a digital hydrophone line array at low frequency," *IEEE J. Ocean. Eng.*, 44, pp.1020-1027 (2016) doi: 10.1109/JOE.2016.2527118.

Iafrate, J.D., Watwood, S.L., Reyier, E.A., Gilchrest, M., and Crocker, S.E., "Residency of Reef Fish During Pile Driving within a Shallow Pierside Environment," in *The Effects of Noise on Aquatic Life II*, pp. 479-487 (2016) doi: 10.1007/978-1-4939-2981-8_58.

Crocker, S.E. and Fratantonio, F.D., "Characteristics of sounds emitted during high-resolution marine geophysical surveys," Bureau of Ocean Energy Management Report 2016-044 (2016) [Online] <http://www.data.boem.gov/PI/PDFImages/ESPIS/5/5551.pdf>

Crocker, S.E., Nielsen, P.L., Miller, J.H., Siderius, M., "Geoacoustic inversion of ship radiated noise in shallow water using data from a single hydrophone," *J. Acoust. Soc. Am.*, 136, EL362 (2014) doi: 10.1121/1.4898739

Nielsen, P.L., Siderius, M., Miller, J.H., Crocker, S.E., and Giard, J., "Seabed characterization using ambient noise and compact arrays on an autonomous underwater vehicle," *POMA*, 19, 0700303 (2013) doi: 10.1121/1.4800573

Gebbie, J., Siderius, M., Nielsen, P.L., Miller, J.H., Crocker, S.E., and Giard, J., "Small boat localization using adaptive 3-D beamforming on a tetrahedral and vertical line array," *POMA*, 19, 070072 (2013) doi: 10.1121/1.4800565

Crocker, S.E., Miller, J.H., Potty, G.R., Osler, J.C. and Hines, P.C., "Nonlinear inversion of acoustic scalar and vector field transfer functions," *IEEE J. Ocean. Eng.*, 37, pp. 589-606 (2012) doi: 10.1109/JOE.2012.2206852