

Anthropogenic noise is a main component of the shallow-water soundscape of Eastern Ionian Sea

Vassilis GALANOS, Alice AFFATATI, Anastasios KALIMERIS, Stelios KATSANEVAKIS, Angelo CAMERLENGHI and Vasilis TRYGONIS

Mediterranean Marine Science, 27 (2) 2026

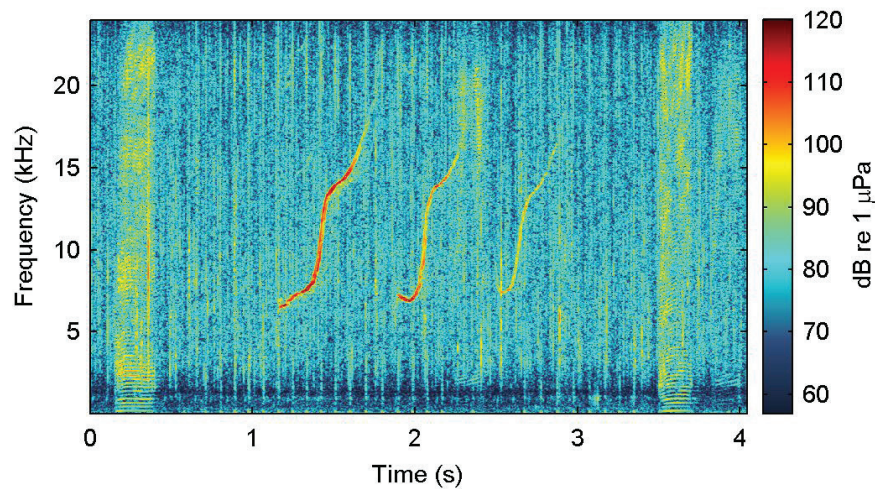


Fig. S1: Spectrogram of delphinid clicks, buzzes, and whistles recorded on 16-10-2022 ($N_{\text{FFT}} = 1024$ samples, Hamming window, 90% overlap).

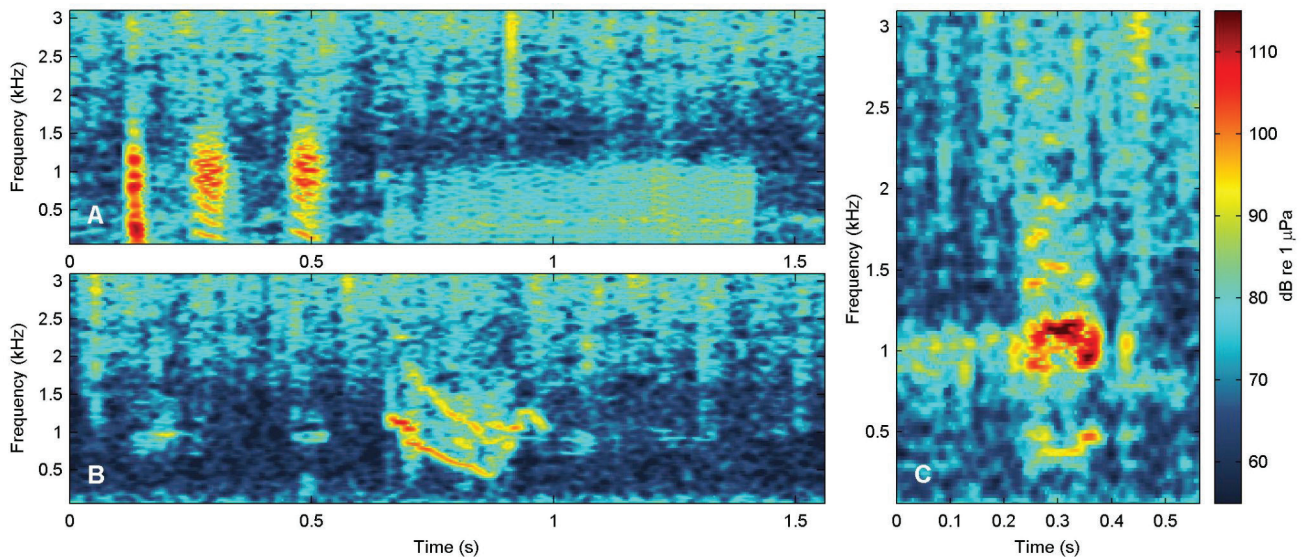


Fig. S2: Spectrograms of possible Mediterranean monk seal (*Monachus monachus*) vocalisations recorded on A-B) 13-08-2022 and C) 10-07-2022 ($N_{\text{FFT}} = 2048$ samples, Hamming window, 90% overlap).

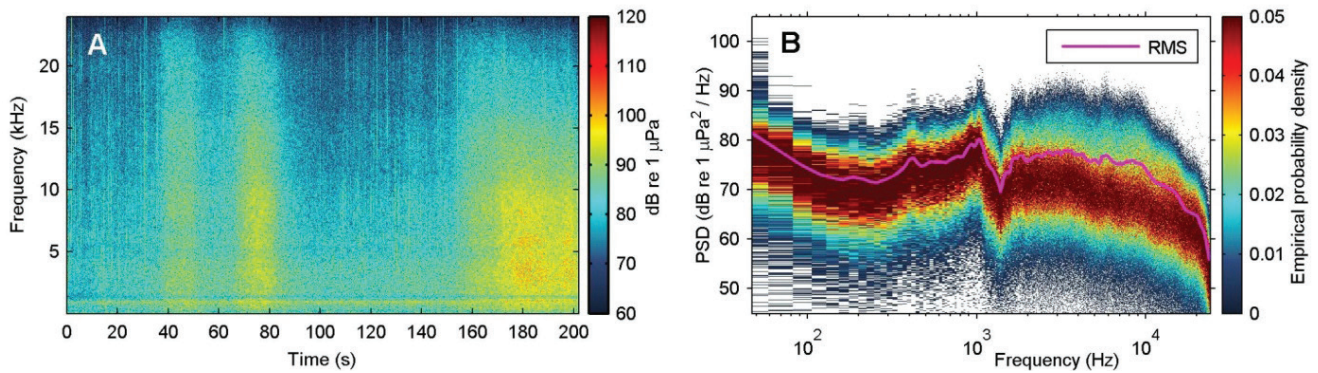


Fig. S3: Beginning of heavy rain shower recorded on 22-11-2022, 23:15 local time. A) Spectrogram ($N_{\text{FFT}} = 2048$ samples, Hamming window, 50% overlap) and B) spectral probability density plot (broad-band) and corresponding RMS level.

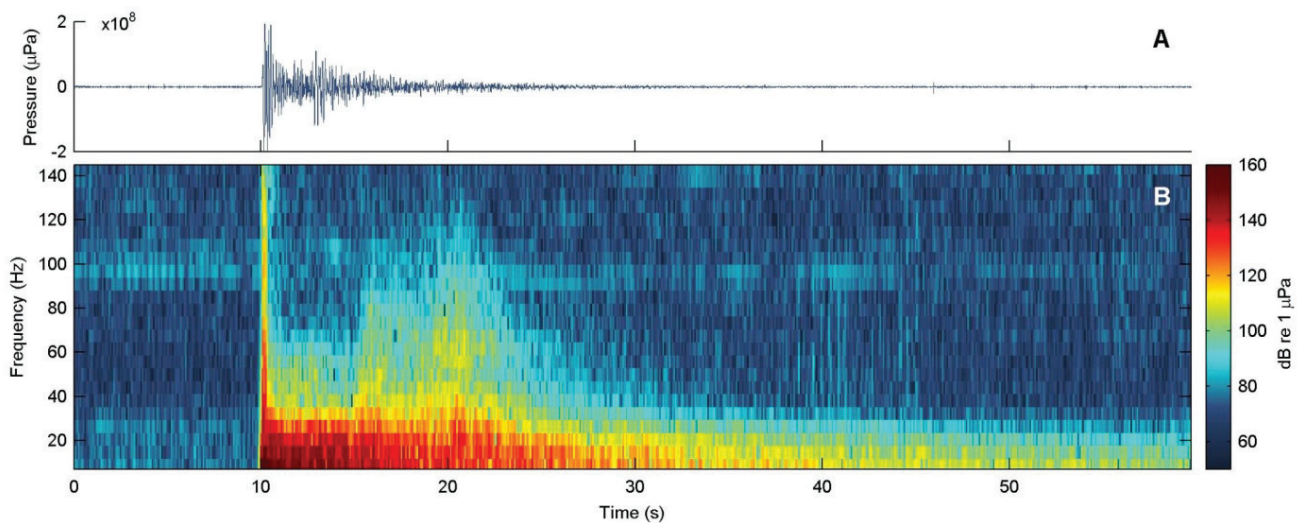


Fig. S4: A) Waveform and B) spectrogram of an earthquake (magnitude 4.0 on the Richter scale) recorded underwater on 14-08-2022, 13:47 local time. The earthquake's epicentre was the marine area 9.3 km north of Fiskardo and its focal depth was 9 ± 1 km, according to the Earthquake Catalogue maintained by the National and Kapodistrian University of Athens. Spectrogram parameters are $N_{\text{FFT}} = 8192$ samples, Hann window, 50% overlap. Note the clipped waveform in panel A upon first reception of the signal (10 s timestamp).