

Supporting Information for "Seismic ground roll absorption and re-emission by sand dunes"

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Additional Supporting Information (Files uploaded separately)

1. Caption for Movie ms01.mp4

Movie ms01.mp4 Movie representing simulated vertical displacement, at the surface of a model representing an isolated, 10 m high barchan dune, in response to a vertical point force of amplitude 10^3 N, 100 m downwind of the dunes crest and 100 m off its central axis, with waveform a Ricker function wavelet of center frequency 10 Hz. Colorbar units

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are m, and the frame rate is one-fifth normal speed. The simulation is discussed in Section 2.1.