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## Wind noise at Sos Enattos

*Wednesday, 10 November 2021 19:00 (1 hour)*

Analysis of data recorded at Sos Enattos from April 2016-February 2017 and June 2020-March 2021 shows connections between wind and seismic waveforms. Wind speeds are typically below 4m/s, so strong seismic responses to wind are rare but weaker seismic responses are still detectable. The power spectral density of seismic data reveals increased seismic energy for higher wind speeds over a broad range of frequencies (0.3-30Hz). In some cases, the root-mean-square of seismic data increases parabolically with average wind speed. Comparing results for seismometers at the surface and underground consistently shows a reduced influence from the wind on deeper seismic waveforms.

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