



Spatially resolved S-wave intrinsic and scattering attenuation of the contiguous US

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We present maps of S-wave intrinsic and scattering attenuation of the crust beneath contiguous US in the frequency range 1 Hz to 20 Hz. Earthquake envelopes from 10 years of US array data are inverted for intrinsic and scattering attenuation with the *Qopen* method. The results are assigned to the used stations, averaged station-wise and interpolated spatially. Additionally, we report site amplification factors and a comparison of estimated moment magnitudes with Richter magnitudes determined by the Array Network Facility (ANF).