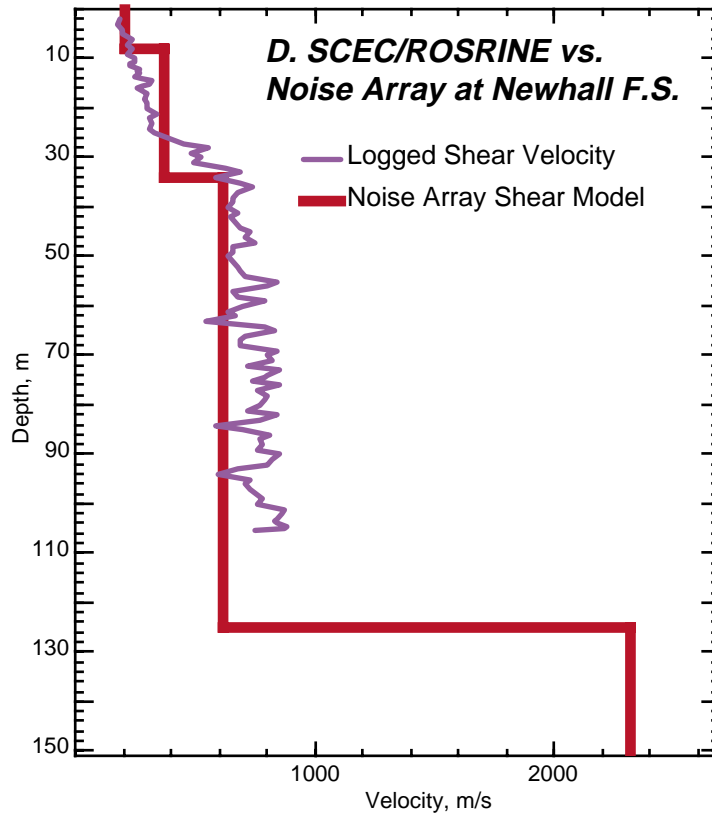
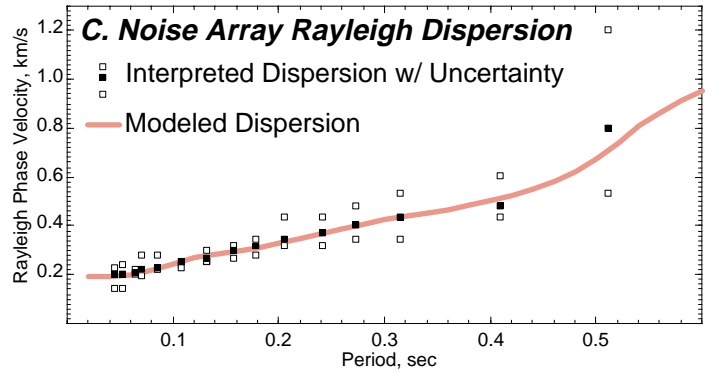
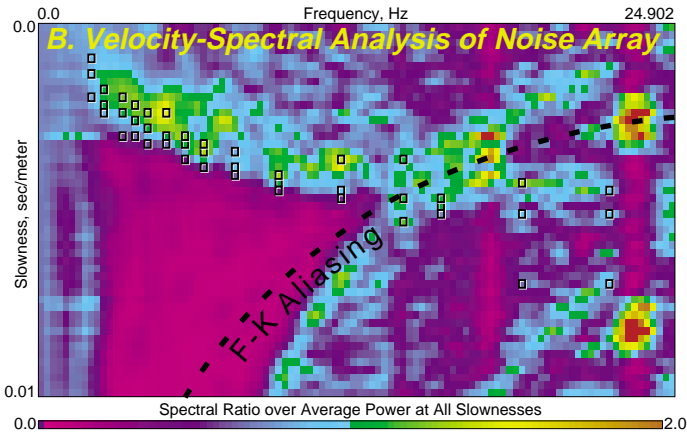
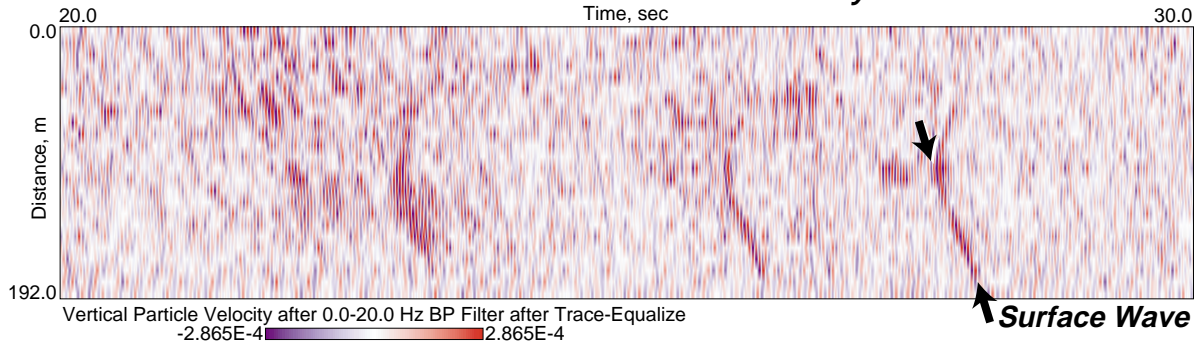


A. Section of 30 s Noise Record from 200 m Array at Newhall Fire Station



Demonstration of an inexpensive 200-m linear array of 8-Hz seismic-refraction geophones, recording microtremor noise (a) and analyzed with the frequency-ray parameter technique (b). Rayleigh-wave phase-velocity dispersions (c) lead to a model velocity profile (d) that can match suspension-logger shear-velocity results at the Newhall, Calif. fire station. Rayleigh phase-velocity dispersion does not determine P velocity accurately, however. From Louie (2000).