NEW!

ParkSEIS© pS

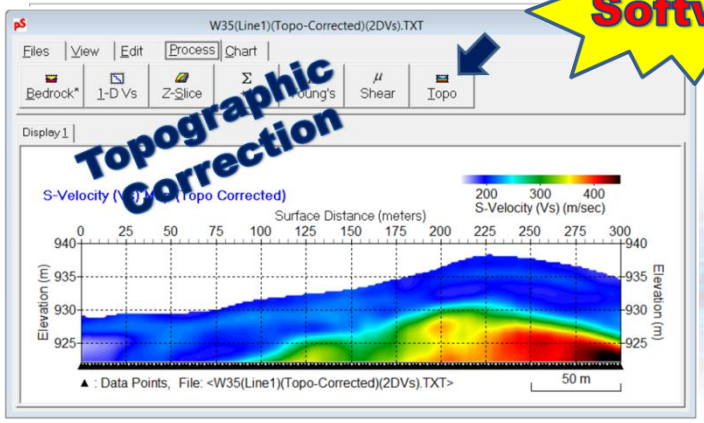
Available Now

Version 2.0

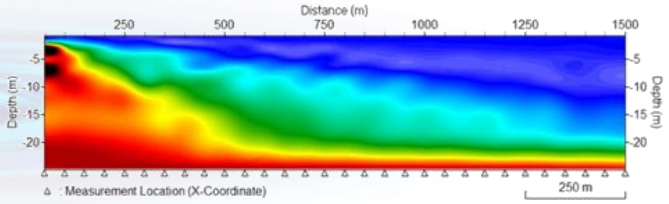
Comprehensive Tool For Multichannel Analysis of Surface Waves (MASW)

Park Seismic LLC

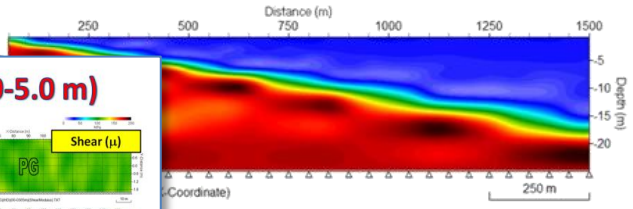
S-Velocity (Vs) Cross Section



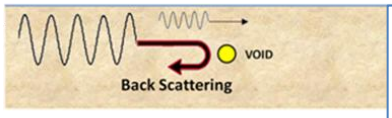
Inversion (Conventional)

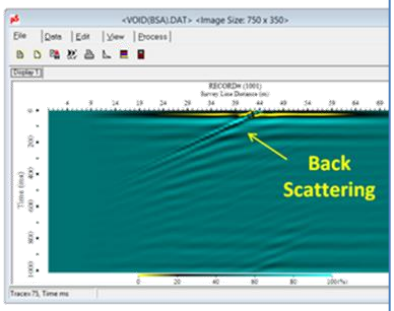


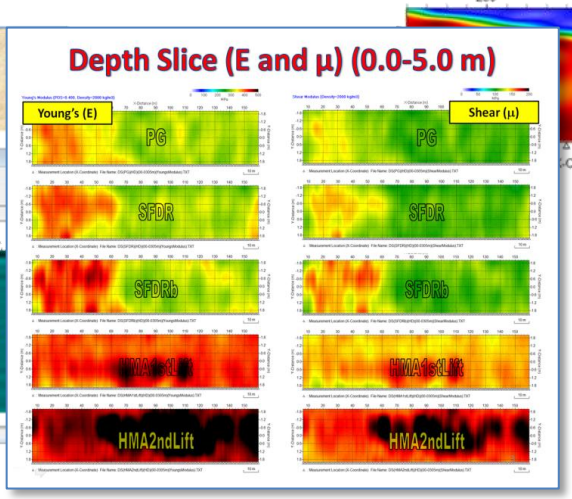
Inversion (Bedrock Detection Algorithm)



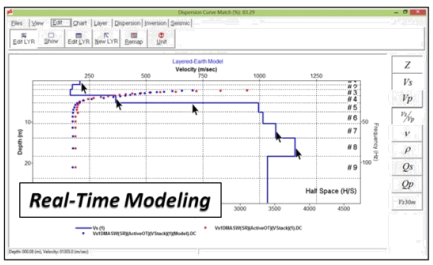
Back Scattering Analysis (BSA)







1-D Velocity (Vs) Profile



ParkSEIS© (PS) for MASW Data Analysis

It incorporates up-to-date algorithms for active, passive, and active/passive combined MASW surveys to produce

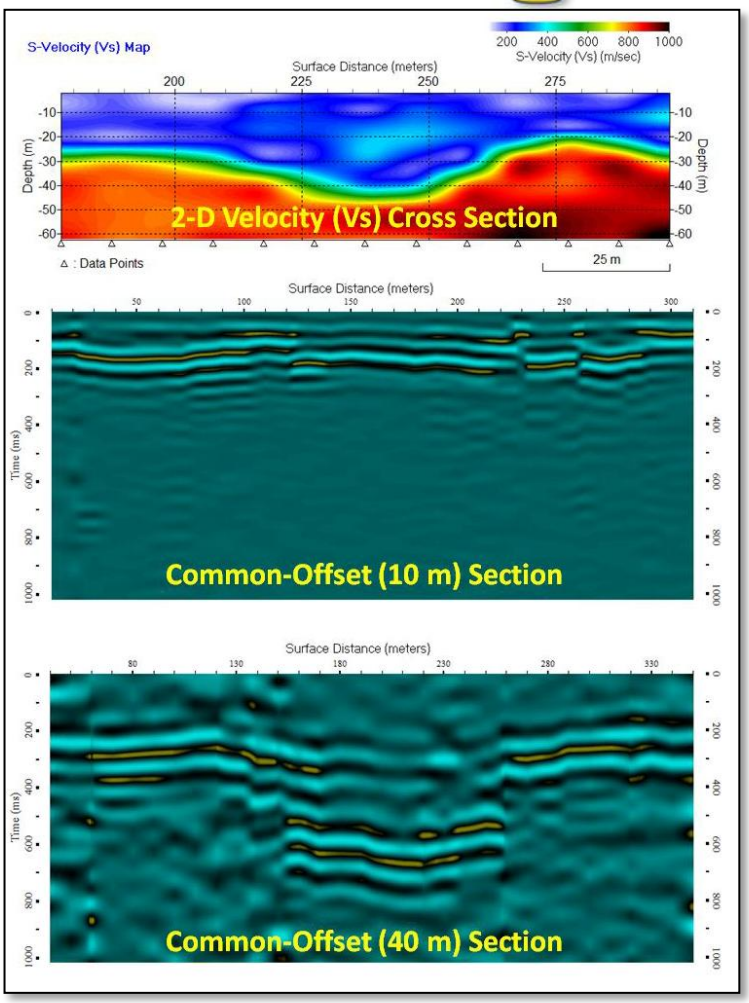
- shear-wave velocity (Vs) profiles (1-D, 2-D, and depth slice)
- back scattering analysis (BSA) for anomaly detection
- common-offset sections for quick evaluation of subsurface conditions
- modeling MASW seismic records and dispersion curves

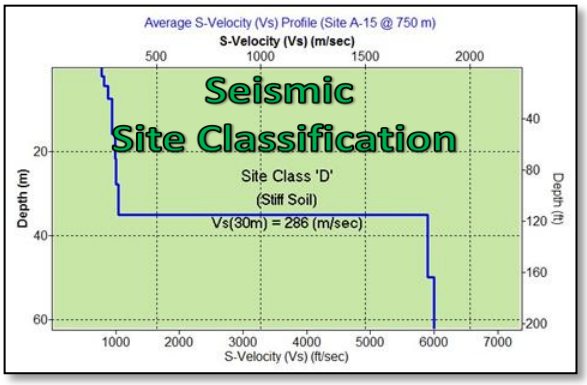
ParkSEIS© (PS) has been used to process data sets from hundreds of different sites and available for purchase and lease. Visit parkseismic.com or contact parkseis@parkseismic.com.

Park Seismic
Geotechnical Seismic Investigation

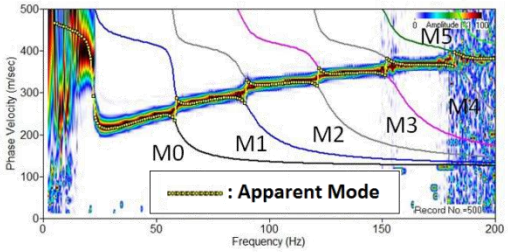
ParkSEIS© pS

Comprehensive Tool For Multichannel Analysis of Surface Waves (MASW)

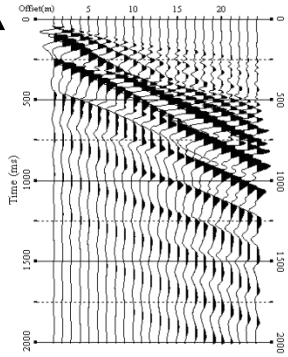




Dispersion (Curves and Image)



Seismic Record (24-Channel)



MODELING
Dispersion
&
Seismic

ParkSEIS© (PS) for S-Wave Velocity (Vs) Profiling

ParkSEIS© (PS) generates shear-wave velocity (Vs) profiles through a few steps of data analysis by using seismic data from MASW (and refraction) surveys. It can generate

- an average 1-D (depth) shear-wave velocity (Vs) profile from a small number of (for example, 3-10) field records,
- a 2-D Vs cross section from many (for example, 10-1000) field records,
- Vs profiles by using field records collected not only from MASW but also from refraction surveys, and
- shear and Young's modulus cross sections from the analyzed Vs cross section.

ParkSEIS© (PS) has been rigorously tested by processing data sets from hundreds of different sites under Windows XP, Vista, 7, and 8 operating systems with a minimum 1GB memory. It is available for purchase and lease. Visit www.parkseismic.com for more information or contact parkseis@parkseismic.com.

Park Seismic
Geotechnical Seismic Investigation