

Surface Wave Analysis Method of Seismic Data - MASW

The Multi-Channel Analysis of Surface Wave (MASW) method is developed at Kansas Geological Survey of Kansas University, US. This method analyses the dispersion of the seismic wave in the frequency domain and estimates the S-wave velocity structure under the geophone array. By moving the array and repeating the shots, an S-wave velocity section is estimated with a very high resolution.

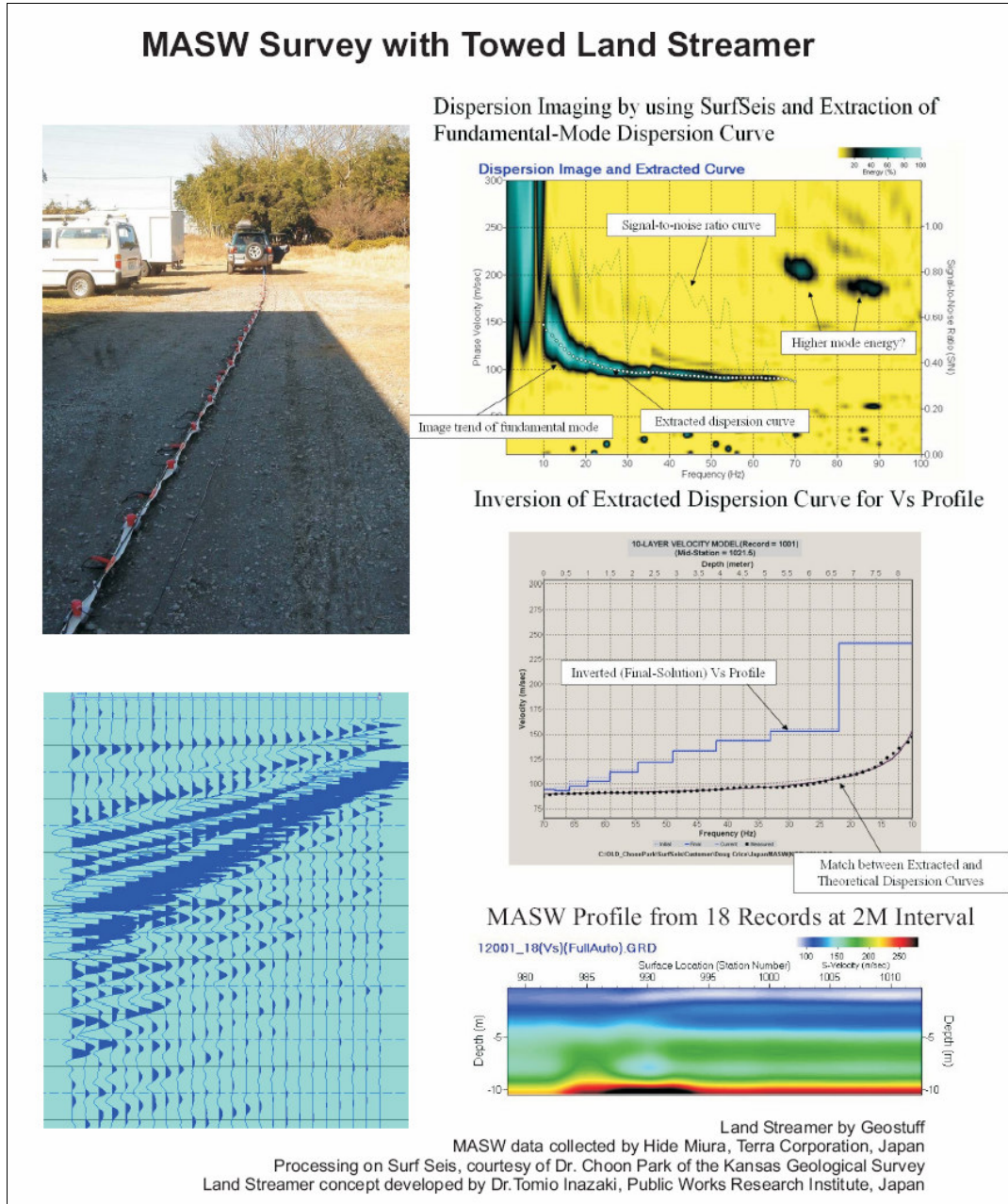


Figure courtesy of Terra Corporation, Japan.