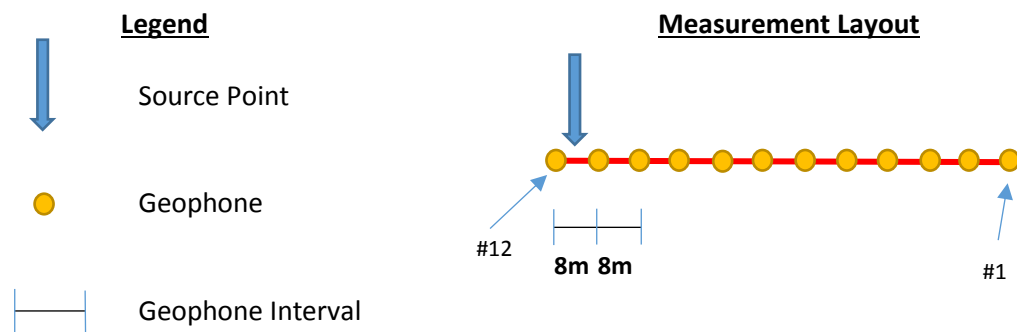


Electronic Supplement to:

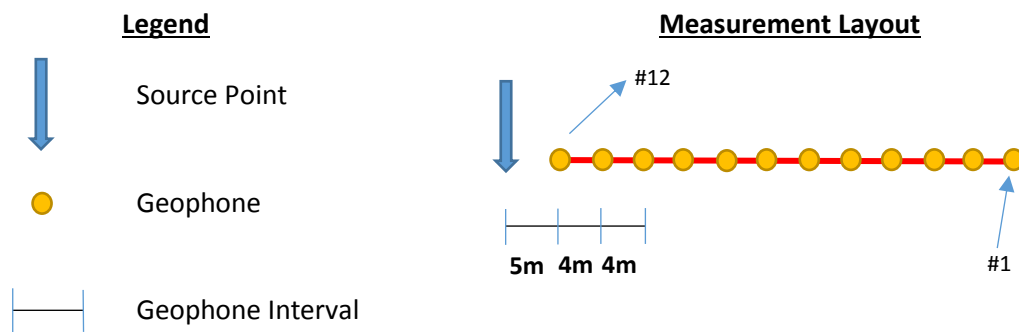
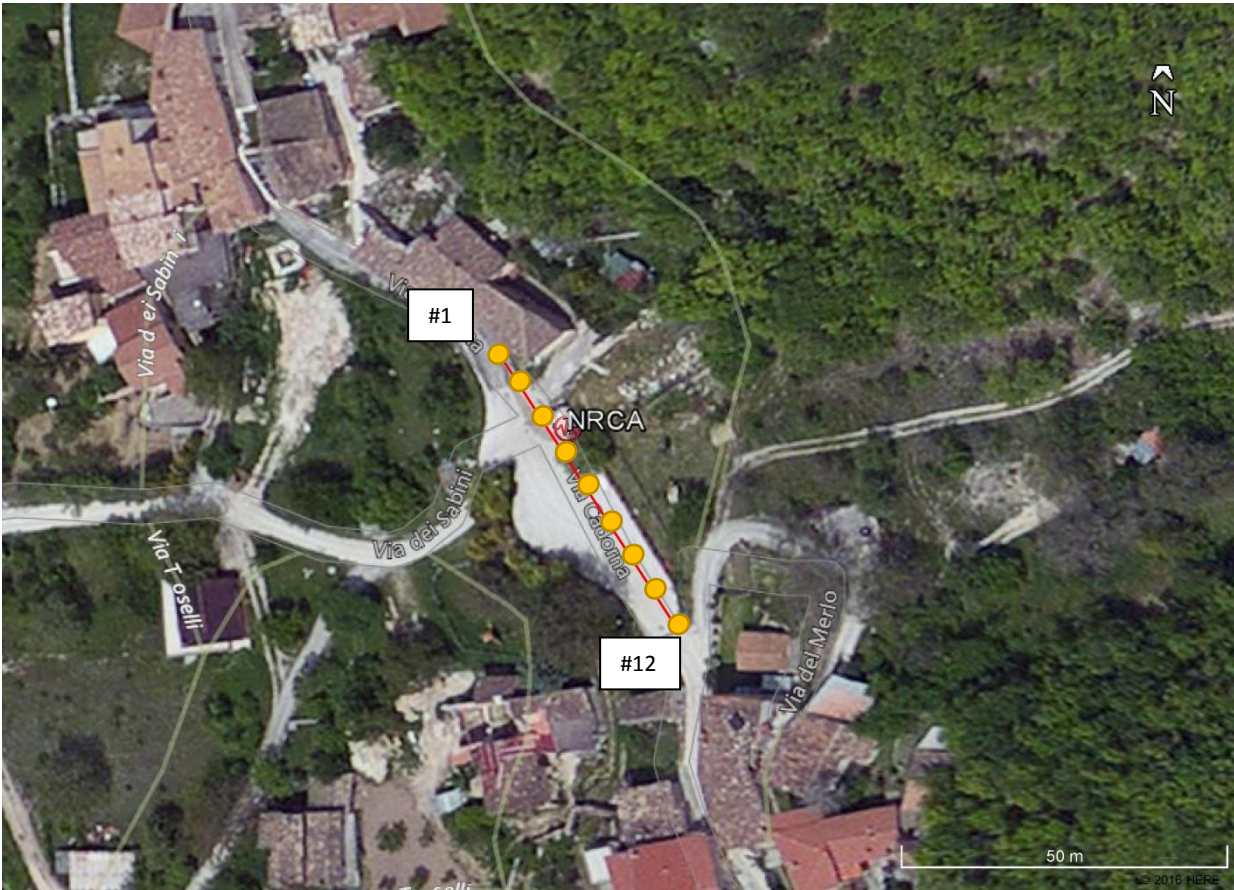
Chapter 3.0: Ground Motions

Panagiotis Pelekis



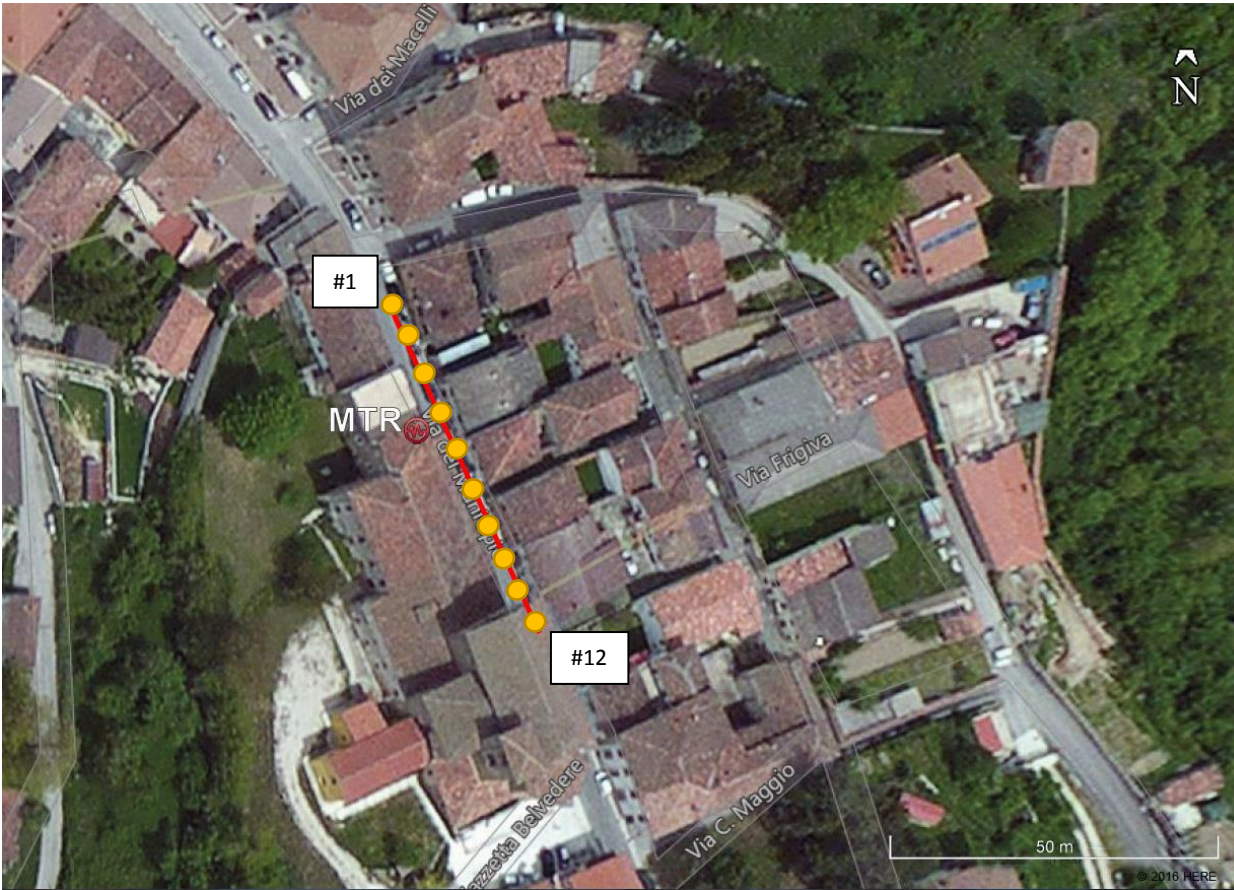
Coordinates (WGS)		
	Geophone # 1	Geophone # 12
Lat.:	43.02639	43.02703
Lon.:	12.8966	12.89595

Figure S1. Measurement details and instrumentation deployment layouts for the FOC recording station.

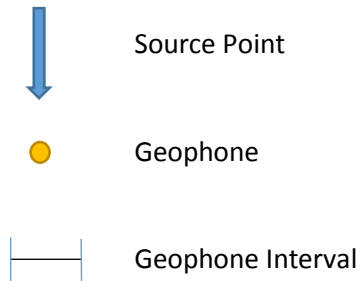


Coordinates (WGS)		
	Geophone # 1	Geophone # 12
Lat.:	42.83338	42.8337
Lon.:	13.11424	13.11394

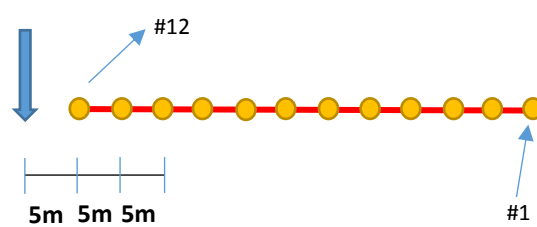
Figure S2. Measurement details and instrumentation deployment layouts for the NRCA recording station.



Legend

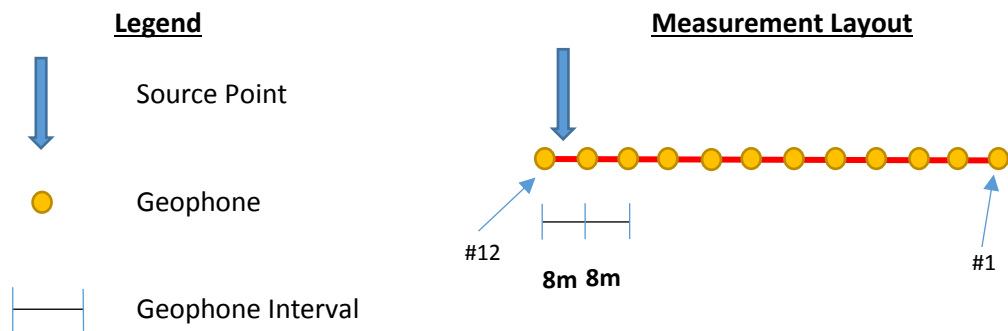


Measurement Layout



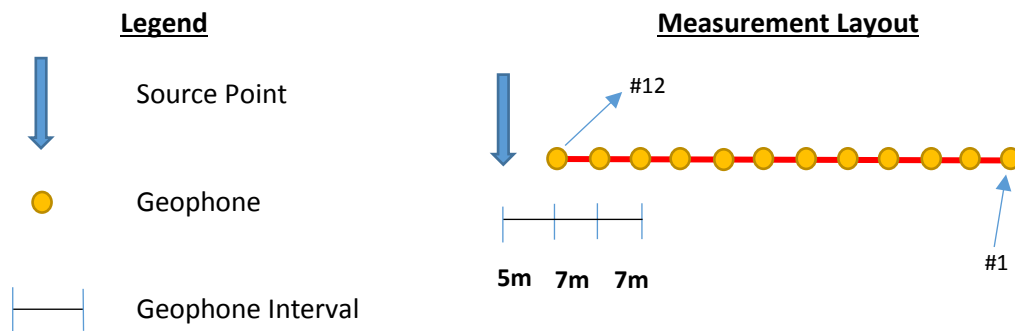
Coordinates (WGS)		
	Geophone # 1	Geophone # 12
Lat.:	42.52384	42.52428
Lon.:	13.24516	13.24489

Figure S3. Measurement details and instrumentation deployment layouts for the MTR recording station.



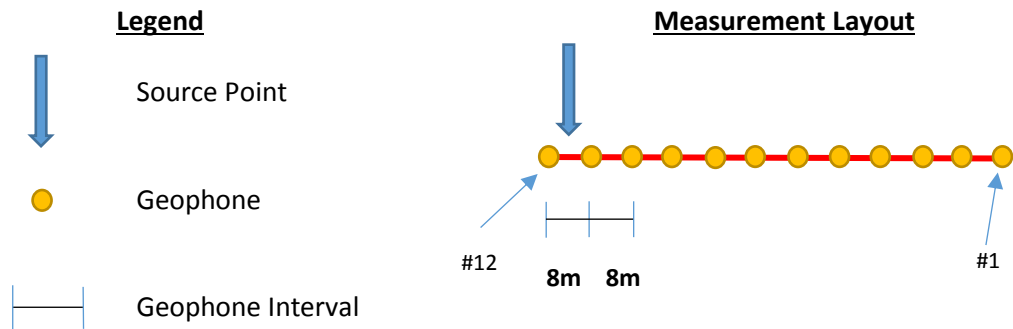
Coordinates (WGS)		
	Geophone # 1	Geophone # 12
Lat.:	42.51503	42.51572
Lon.:	13.37074	13.3702

Figure S4. Measurement details and instrumentation deployment layouts for the SPD recording station.



Coordinates (WGS)		
	Geophone # 1	Geophone # 12
Lat.:	42.52651	42.52639
Lon.:	13.35113	13.35021

Figure S5. Measurement details and instrumentation deployment layouts for the MSC recording station.



Coordinates (WGS)		
	Geophone # 1	Geophone # 12
Lat.:	42.55794	42.55822
Lon.:	13.33794	13.33692

Figure S6. Measurement details and instrumentation deployment layouts for the PCB recording station.

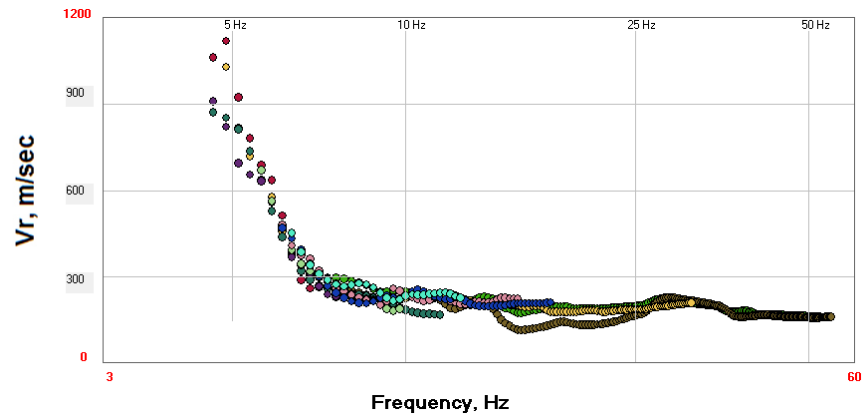


Figure S7. Dispersion curves derived from SASW method for the FOC recording station.

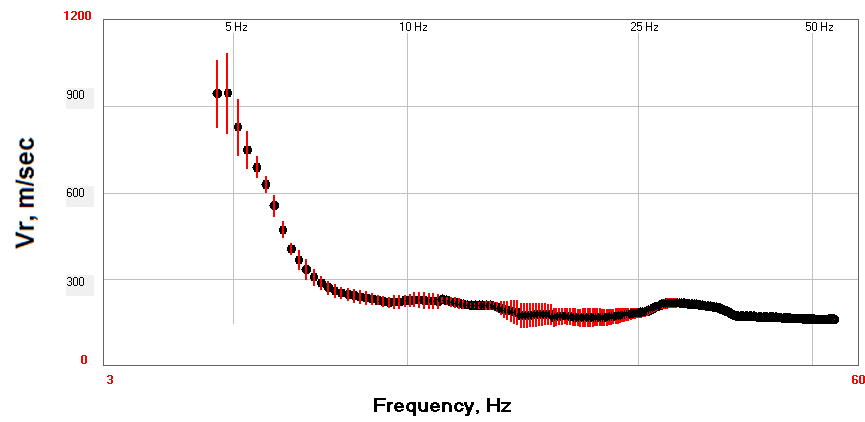


Figure S8. Dispersion curve from SASW measurements (mean $\pm 1\sigma$) for the FOC recording station.

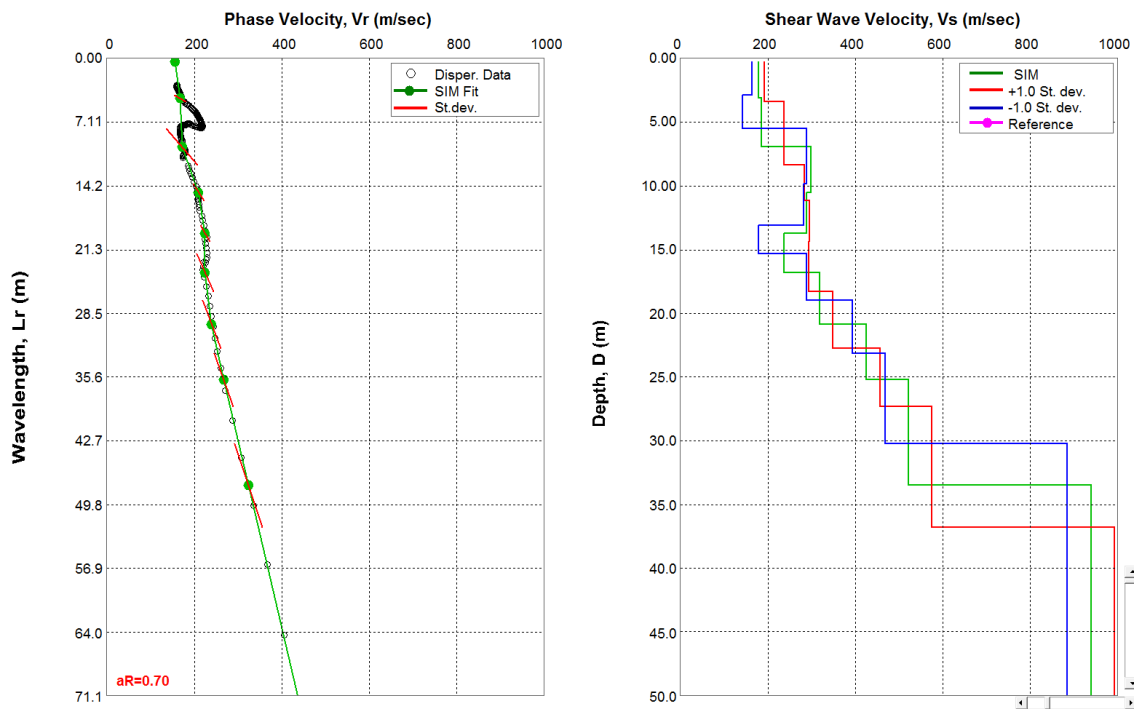


Figure S9. SASW dispersion curve and the inverted V_s vs depth profile for the FOC recording station.

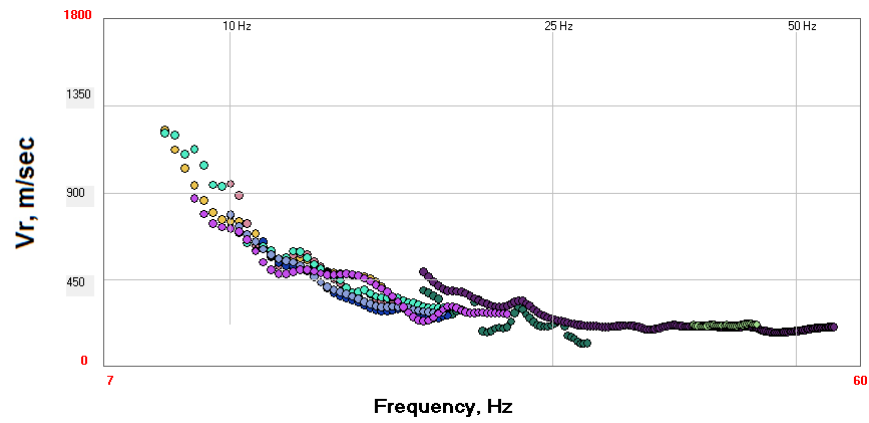


Figure S10. Dispersion curves derived from SASW method for the NRCA recording station.

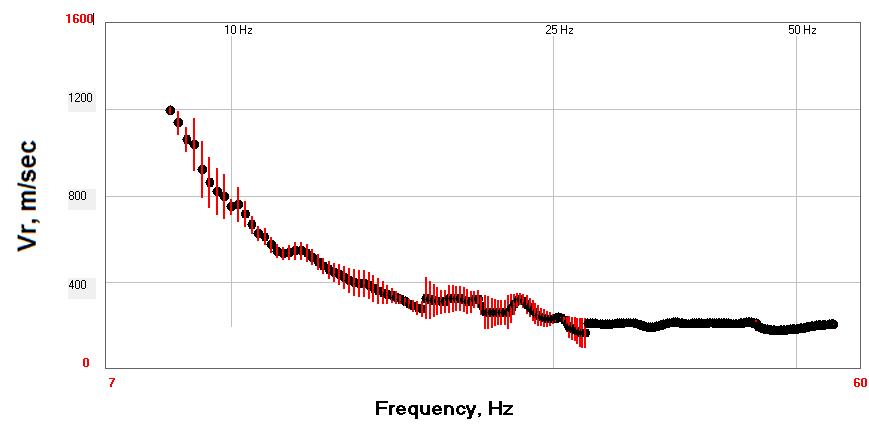


Figure S11. Dispersion curve from SASW measurements (mean $\pm 1\sigma$) for the NRCA recording station.

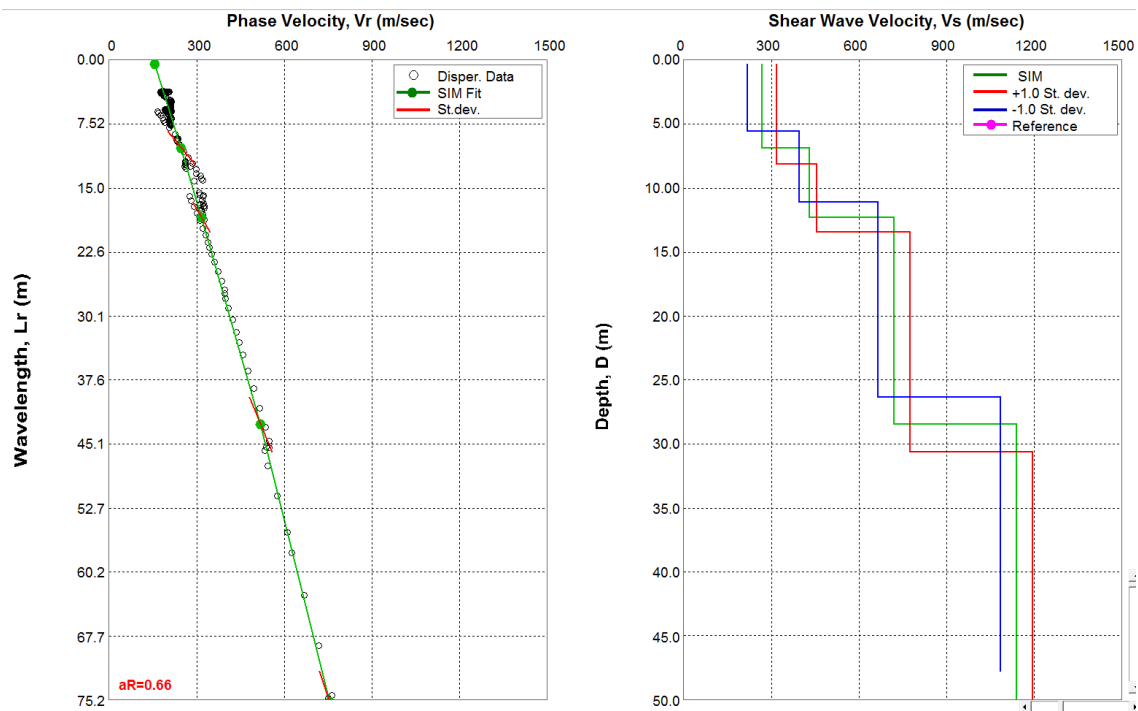


Figure S12. SASW dispersion curve and the inverted V_s vs depth profile for the NRCA recording station.

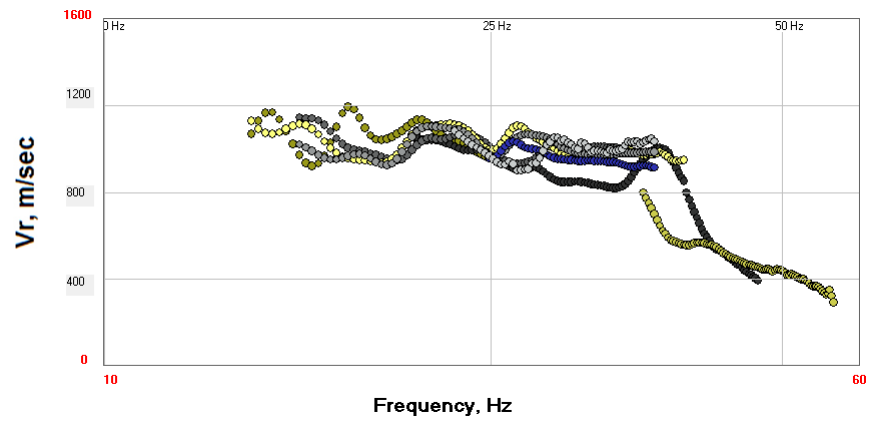


Figure S13. Dispersion curves derived from SASW method for the MTR recording station.

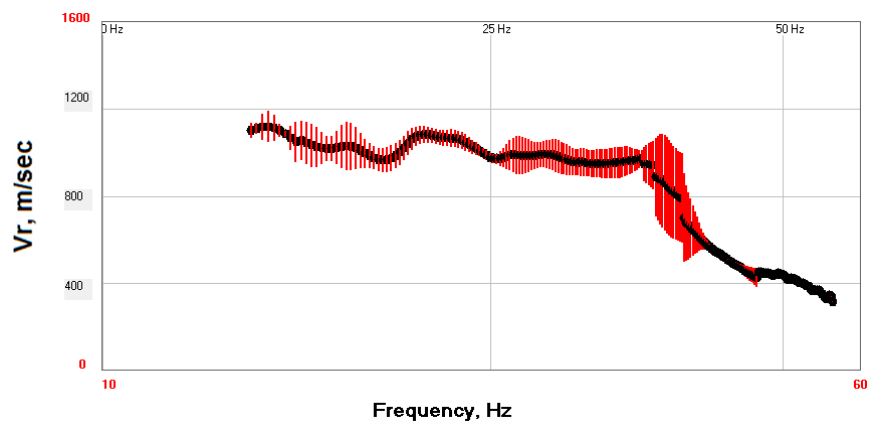


Figure S14. Dispersion curve from SASW measurements (mean $\pm 1\sigma$) for the MTR recording station.

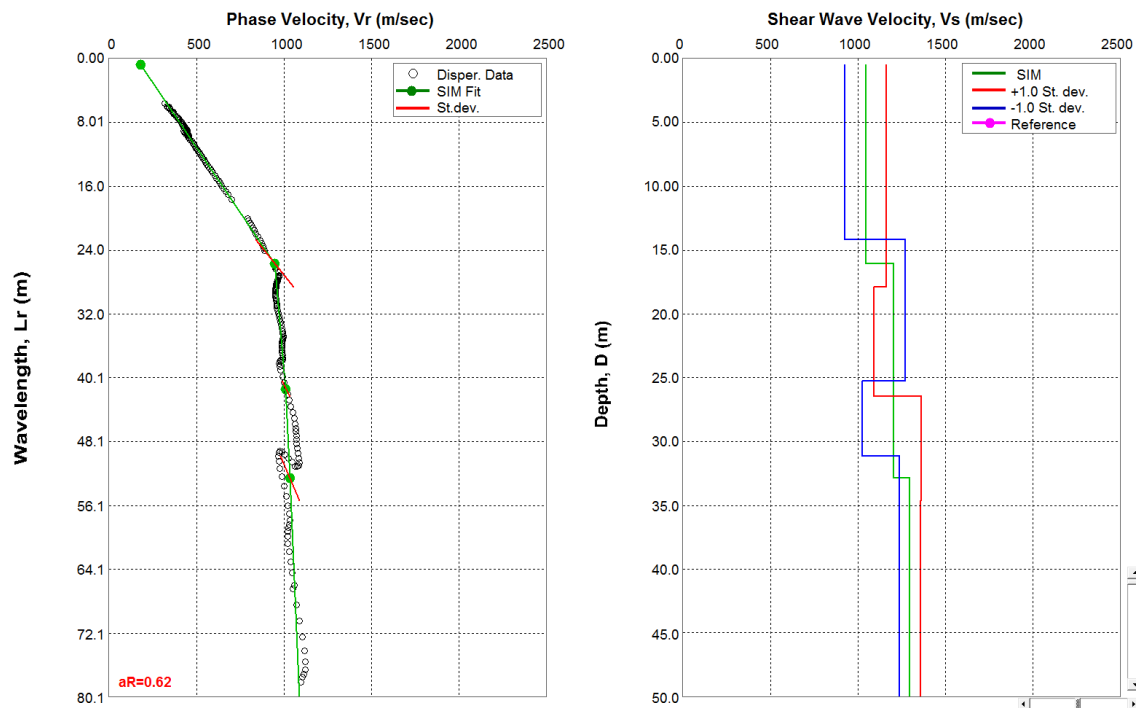


Figure S15. SASW dispersion curve and the inverted V_s vs depth profile for the MTR recording station.

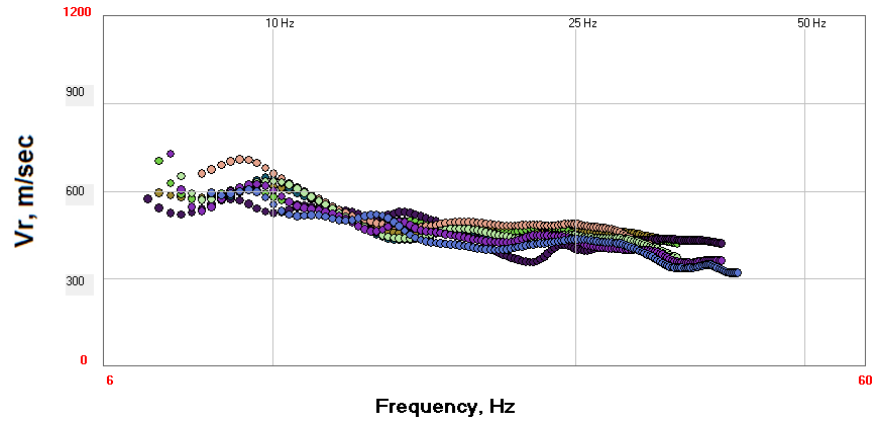


Figure S16. Dispersion curves derived from SASW method for the MRC recording station.

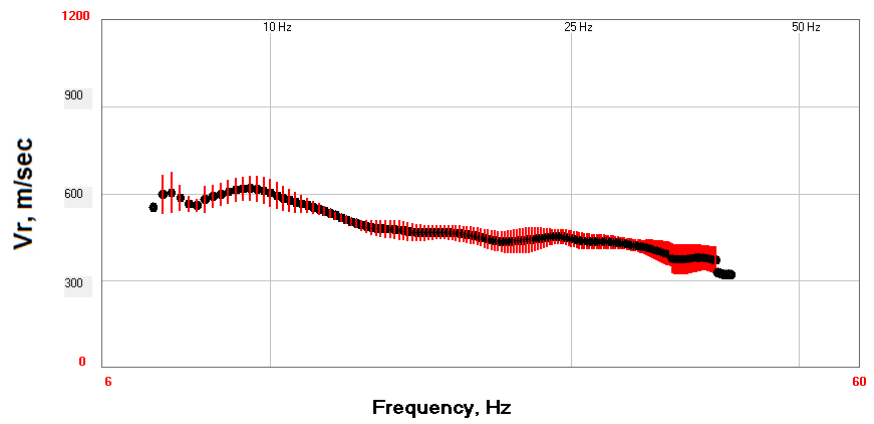


Figure S17. Dispersion curve from SASW measurements (mean $\pm 1\sigma$) for the MRC recording station.

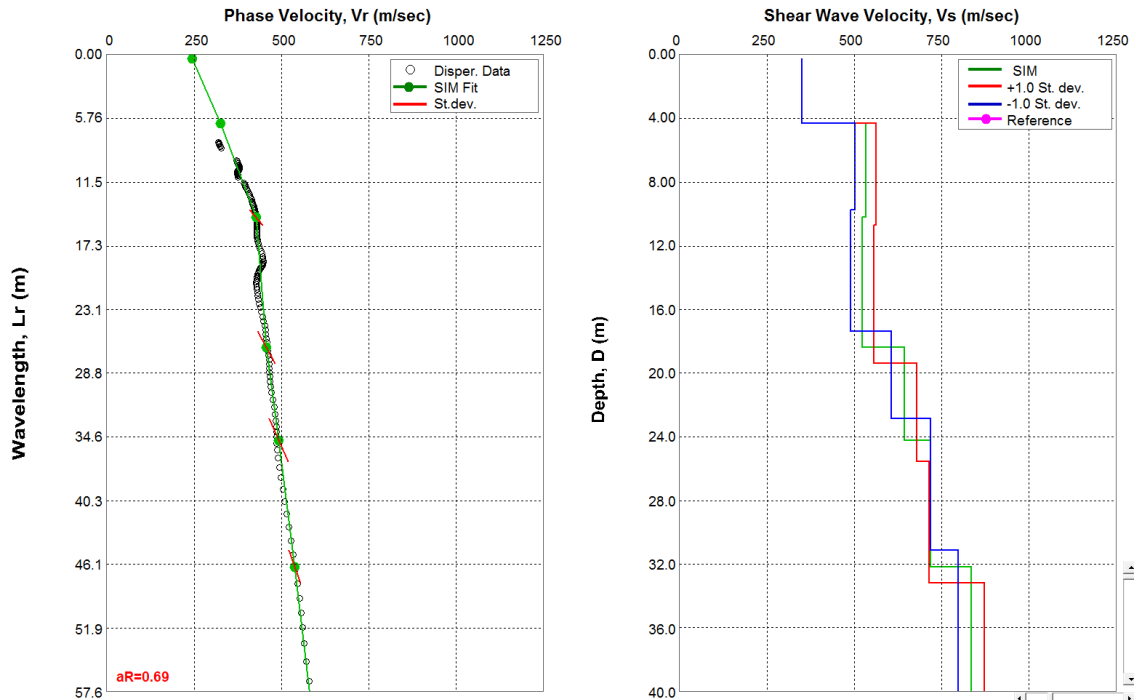


Figure S18. SASW dispersion curve and the inverted V_s vs depth profile for the MRC recording station.

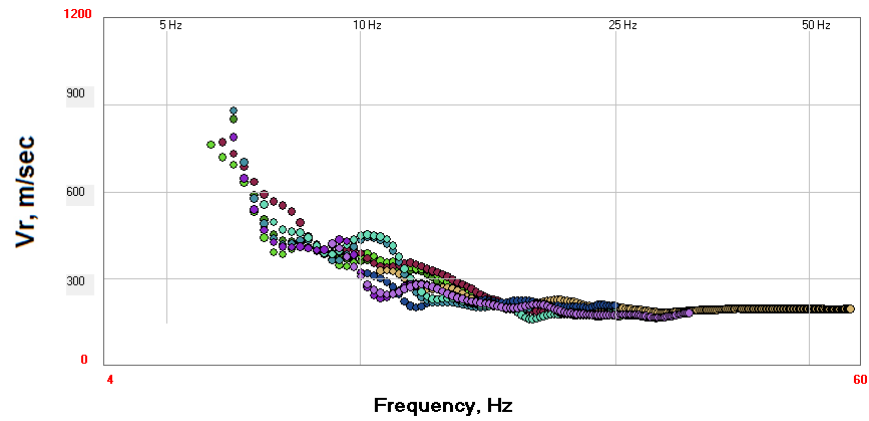


Figure S19. Dispersion curves derived from SASW method for the PCB recording station.

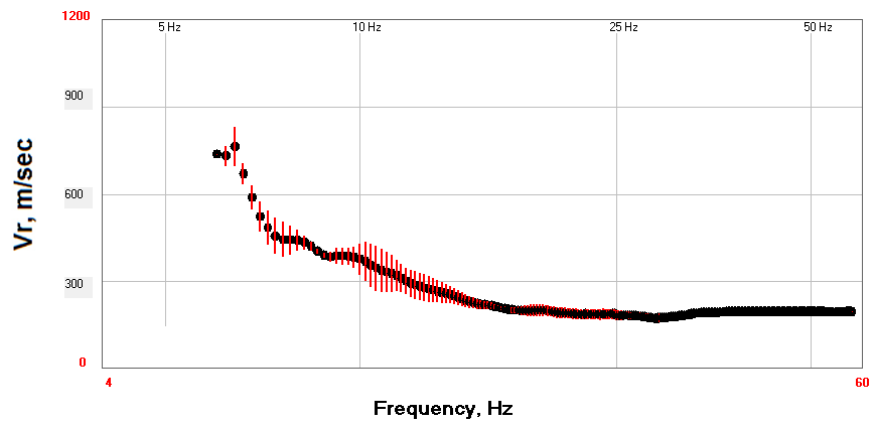


Figure S20. Dispersion curve from SASW measurements (mean $\pm 1\sigma$) for the PCB recording station.

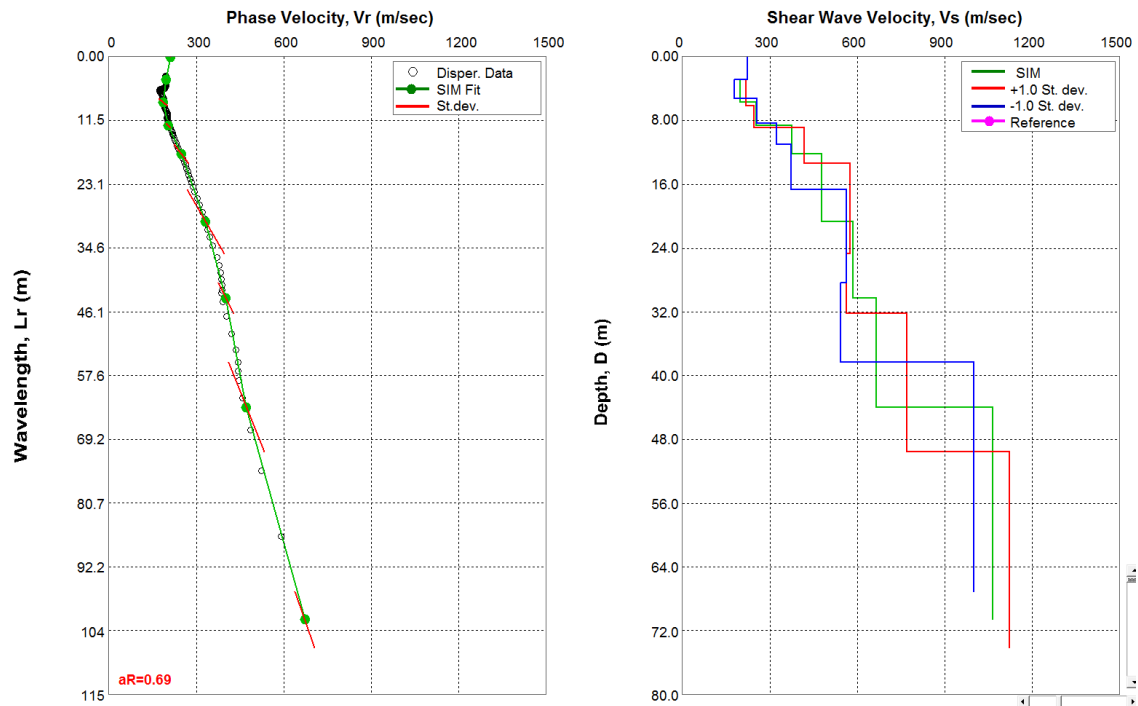


Figure S21. SASW dispersion curve and the inverted V_s vs depth profile for the PCB recording station.

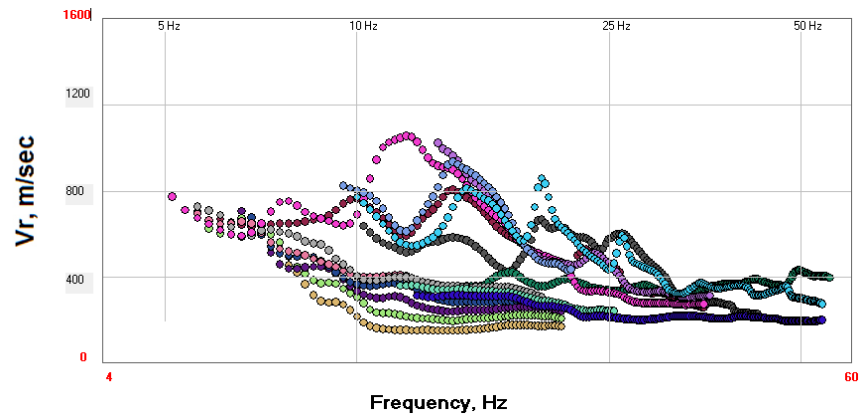


Figure S22. Dispersion curves derived from SASW method for the SPD recording station.

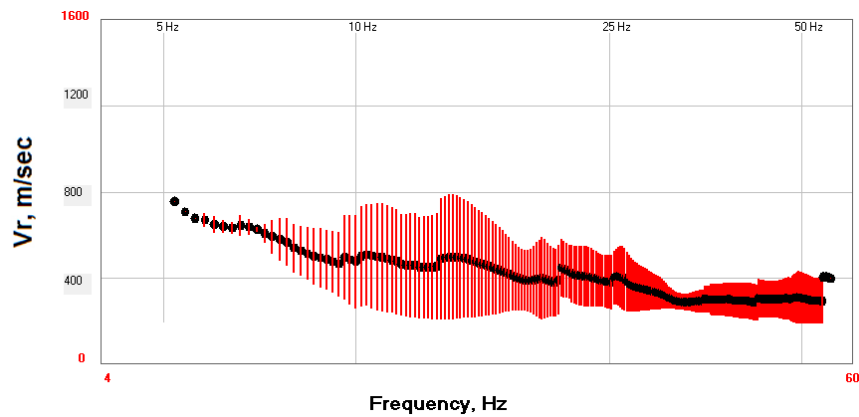


Figure S23. Dispersion curve from SASW measurements (mean $\pm 1\sigma$) for the SPD recording station.

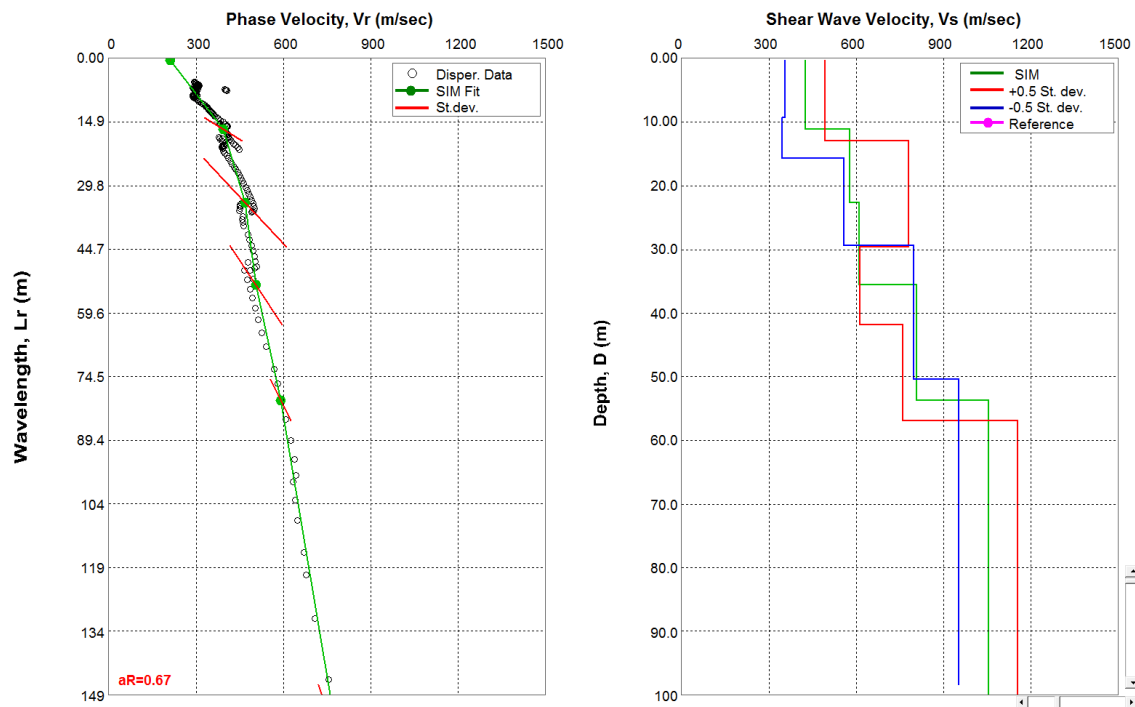


Figure S24. SASW dispersion curve and the inverted V_s vs depth profile for the SPD recording station.