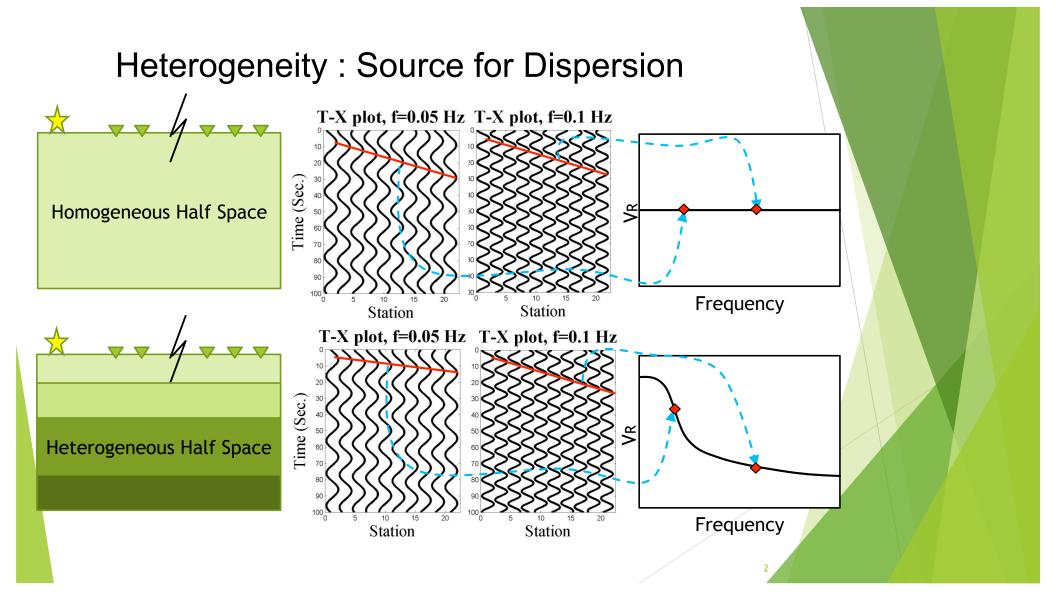
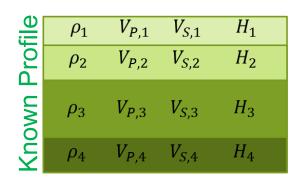
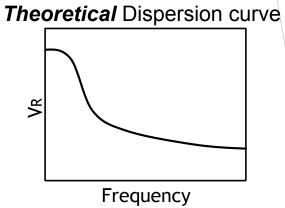
Inversion of Phase Velocity Dispersion Curves



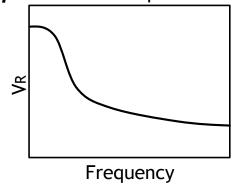
Dispersion Curve and Inversion Concepts



Theoretical Forward Method



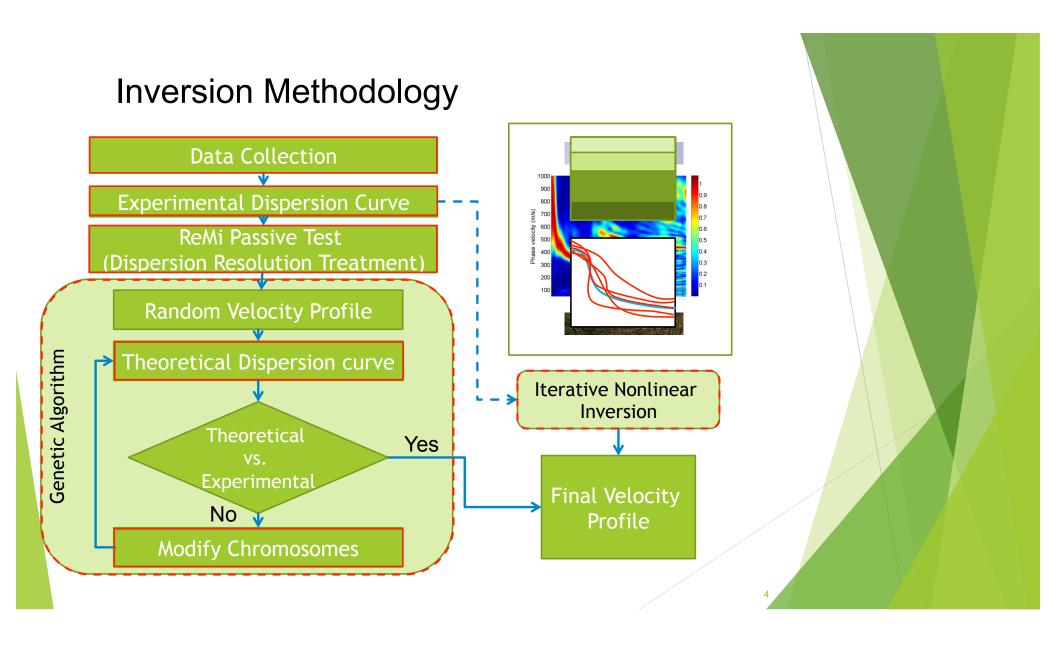
Experimental Dispersion curve

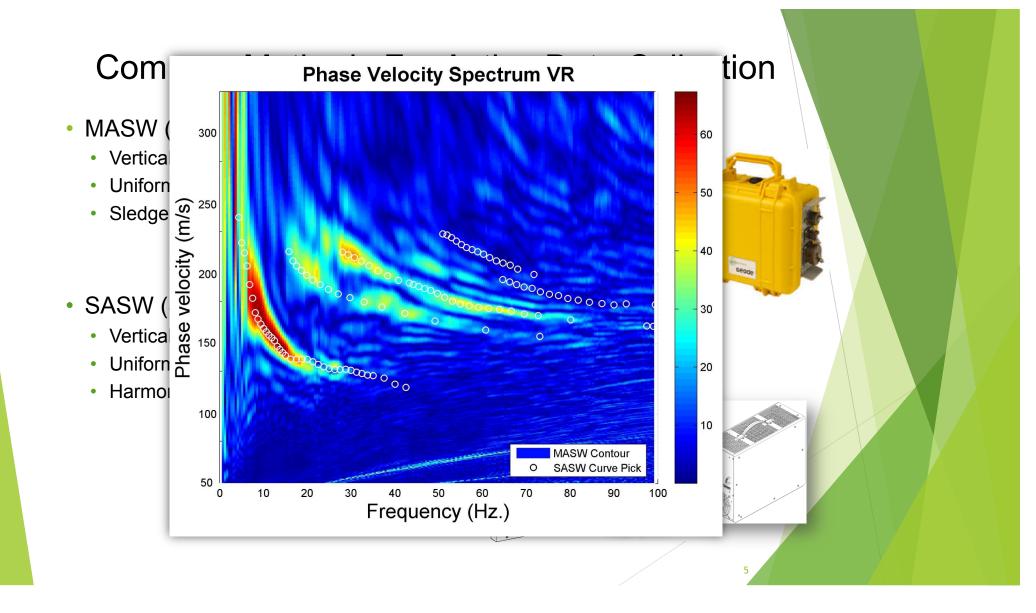


Inversion

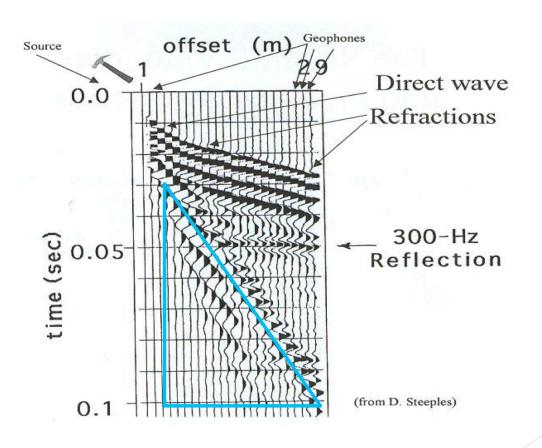
Φ.				
rofile	$ ho_1$	$V_{P,1}$	$V_{S,1}$	H_1
Pr	$ ho_2$	$V_{P,2}$	$V_{S,2}$	H_2
Jnknown	$ ho_3$	$V_{P,3}$	$V_{S,3}$	H_3
지	$ ho_4$	$V_{P,4}$	$V_{S,4}$	H_4

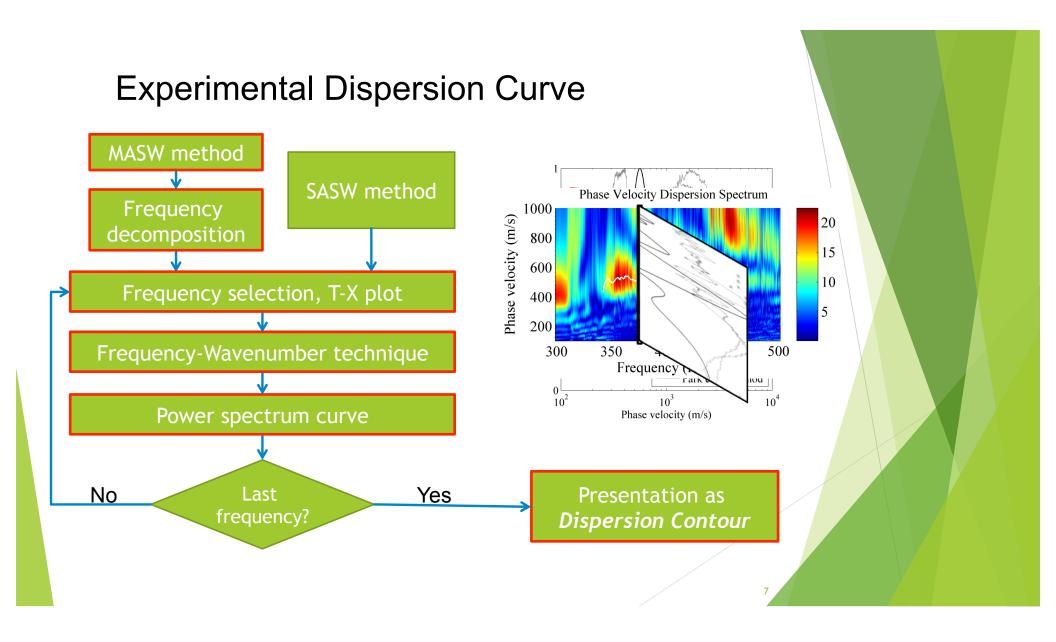
3

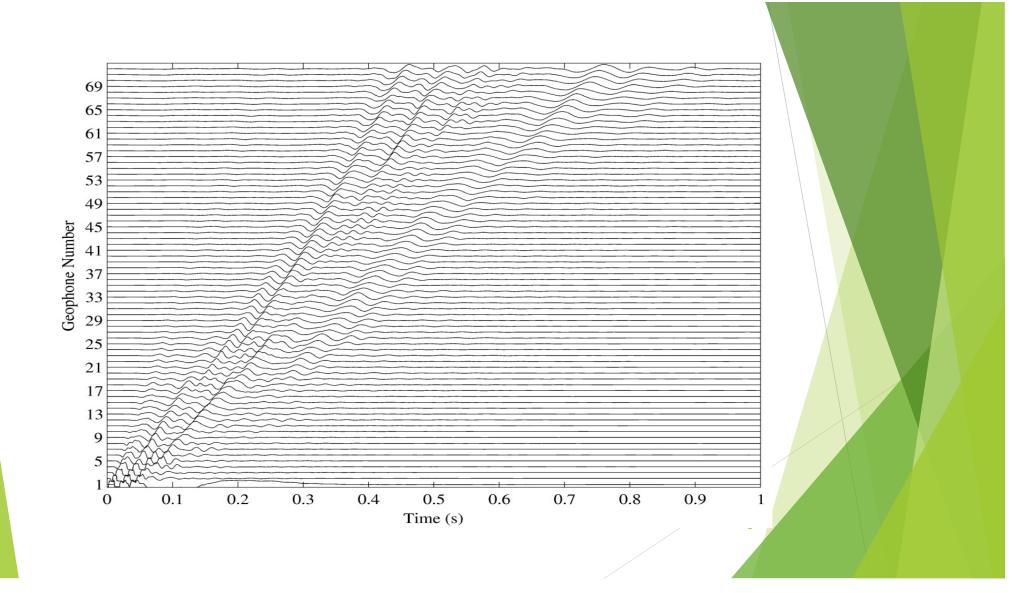




T-X Plot in Reality







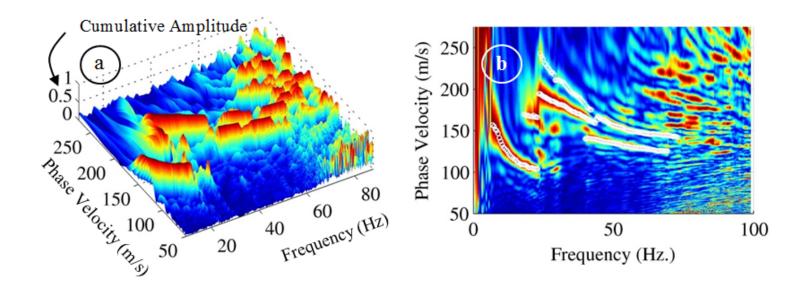
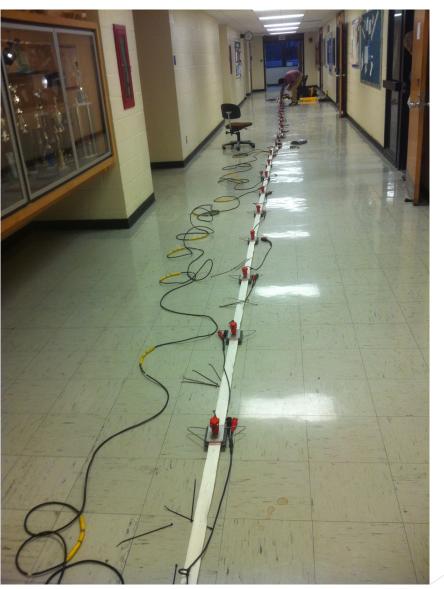


Figure 6.4. (a) Phase velocity spectrum $P(f,V_R)$ is plotted as a function of phase velocity and frequency. (b) Two dimensional representation of the same spectrum in (a). Final phase velocity dispersion curve (white circle) is determined by picking high amplitude points.



Downhole





MASW

Questions?