

February 16, 2010

Discussion notes

Presenter - Matt Fouch

Note taker - Ed Garnero

Resolution and sensitivity kernels for surface waves: what do they mean, really? Is it the sensitivity of a given period of the wave for each depth as measured by the depth distribution of particle displacements? Or, rather, some estimate of a given period's sensitivity in a Fréchet kernel sense?

How does the resolution depend on the reference model?

Interesting to note the 8 sec versus the 25 sec structure near (and east of) Mount St. Helens.

The temporal evolution of the station deployment, and resulting resolution was discussed.

We also discussed a view that it appears that the tectonic interpretation has not been established as much as the technological development of the methodologies.