

## Data Download

Teleseismic Earthquakes

`seislib.eq.EQDownloader`

Seismic Ambient Noise

`seislib.an.ANDownloader`

## Processing & Measurements of Phase Velocity

`seislib.eq.EQVelocity`

`seislib.an.AmbientNoiseVelocity`

## Least-Squares Imaging

`seislib.tomography.SeismicTomography`

- Create an equal-area parameterization
- Compile coefficients of the data kernel
- Refine the parameterization (an arbitrary number of times)
- Solve the (ill-conditioned) inverse problem

## Measurements of Rayleigh-Wave Attenuation

`seislib.an.AmbientNoiseAttenuation`

## Choose the Colormap and Plot

`seislib.colormaps`

`seislib.plotting`