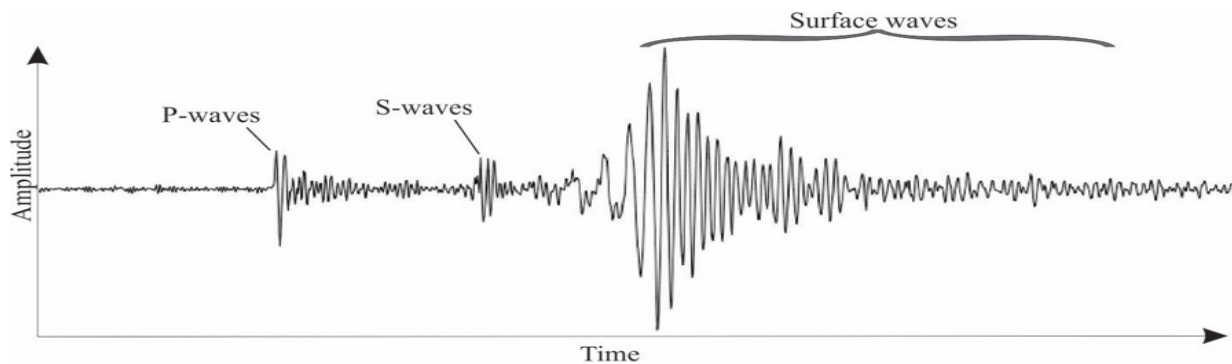


Geophysics 130

Introduction to Seismology

M, W 1:00 – 2:20

Instructors: Greg Beroza and Bill Ellsworth



GP 130 has been reorganized to emphasize practical observational skills, rooted in theory.

Students will learn:

- how to read and interpret seismograms based on an understanding of the fundamentals of elastic wave propagation
- how to use state-of-the-art algorithms to detect, locate, and characterize earthquakes
- how to use measurements of seismic waves to constrain Earth structure
- how to access primary seismic waveform data