



Seismologists study seismic waves, which is the energy produced by earthquakes and related phenomena, such as volcanoes. Seismologists apply what they learn to research, observation and commercial uses. For example, seismologists help control whether countries comply with bans on nuclear testing by monitoring seismic waves produced by nuclear explosions.



Fast facts

- Salary: \$91,920
- Education: Masters degree in geophysics or related field



Soft skills

- collaboration
- critical thinking
- self-direction



Hard skills

- earth science
- mathematics
- physical sciences

Seismologist