

College of Arts and Sciences

Geophysics

Industries

- oil and gas exploration and mining companies
- renewable energy and natural resources management
- groundwater management organizations
- waste management companies
- national geological surveys
- environmental protection agencies
- natural disaster management agencies
- land management agencies
- geotechnical engineering firms
- civil engineering companies
- earthquake research and seismic data processing
- emergency management agencies
- construction safety organizations
- government laboratories
- geological research centers
- space agencies, observatories, and planetary science research centers
- instrumentation companies and survey equipment manufacturers
- GIS and geospatial analysis firms
- soil conservation agencies
- water management and hydrology consulting firms
- government water resource departments

Job Titles

- geophysicist
- petroleum geologist
- mining geophysicist
- environmental geophysicist
- hydrogeologist
- seismologist
- seismic hazard analyst
- geospatial analyst
- geotechnical engineer
- engineering geophysicist
- geophysical surveyor
- seismic data analyst
- earthquake risk modeler
- research scientist
- professor
- field researcher
- planetary geophysicist
- astrogeophysicist
- remote sensing specialist
- geophysical data processor
- geophysical instrumentation specialist
- GIS specialist

Professional Organizations

- Society of Exploration Geophysicists (SEG)
- American Geophysical Union (AGU)
- Seismological Society of America (SSA)
- Environmental and Engineering Geophysical Society (EEGS)
- National Ground Water Association (NGWA)
- Mineralogical Society of America (MSA)
- Society of Petroleum Engineers (SPE)