



What is Geophysics?

Geophysics is the study of Earth's physical processes. There are two main categories of geophysics:

Exploration Geophysics uses the principles of physics to image Earth's interior, analogous to medical imaging. Career applications include energy and mineral resources, natural and geotechnical hazards, and the environment.

Solid Earth Geophysics studies Earth's dynamic processes responsible for earthquakes, volcanoes, heat flow, magnetism, mountain building, plate tectonics, planetary interiors, etc.



What do Geophysicists study?

Geology, Environment, Earthquakes, Volcanoes, Hazards, Mountain Building, Energy, Environment, Computational Modeling, Natural Resources, Groundwater, Tectonics, Geodesy, Space Sciences, Planetary Sciences



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Careers in Geophysics

Geophysicists work in a variety of industries:
Environmental consulting
Energy
Mineral resources
Geotechnical/engineering
Government Research
Education
Data Science

Median Geoscientist Salary¹: \$91,930
Salary Range¹: \$49,430 - \$187,990

¹ 2018 U.S. Bureau of Labor Statistics.

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