Careers in Geoscience
California State University, Long Beach
Geological Sciences, Geography, Geoarchæology, Environmental Science & Policy

What can I do with a degree in geoscience?

Some employers who hire geoscientists:

- **International Institutions**
  - CARE
  - United Nations
  - Intergovernmental Panel on Climate Change
  - World Bank
  - Global Environmental Facility

- **California State Agencies**
  - California Geological Survey
  - Department of Water Resources (DWR)
  - California Coastal Commission
  - CalTrans
  - Governor's Office of Emergency Services (Cal OES)

- **Federal Agencies**
  - National Aeronautics and Space Administration (NASA)
  - National Oceanic and Atmospheric Administration (NOAA)
  - U.S. Geological Survey (USGS)
  - U.S. Forest Service (USFS), National Park Service (NPS)
  - U.S. Intelligence Agencies (CIA, NSA, NGA, FBI)

- **Local Agencies**
  - Metropolitan Water District (MWD)
  - Southern California Association of Governments
  - Los Angeles Department of Water and Power (DWP)
  - Southern California Association of Governments
  - Los Angeles Bureau of Engineering, Dept of Public Works

- **Private Sector Firms**
  - Thomas Bros./Rand-McNally
  - Environmental Systems Research Institute (ESRI)
  - Aerospace Corp.
  - SCS Engineering

Typical job titles held by graduates with geoscience degrees:

- geologist
- Certified Geologist
- petroleum geologist
- cartographer
- GIS analyst
- imagery analyst
- remote sensing specialist
- earth scientist
- environmental scientist
- environmental planner
- environmental impact analyst
- environmental quality specialist
- meteorologist
- weather forecaster
- climatologist
- soil scientist
- waste management specialist
- park ranger or interpreter
- emergency management officer
- project manager
- cultural resource specialist
- historic preservation planner
- urban, community, or regional planner
- middle or high school teacher
- professor
- intelligence analyst
- Registered Professional Archæologist
- biogeographer
- ecologist
- hydrologist
- water resources specialist
- coastal zone specialist
what can I expect to earn?  This varies by the particular major you study, the particular subfield you specialize in, skills you acquire, how much math is in your background, whether you have a bachelor's or graduate degree, your seniority and level of responsibility, prevalent practices in a particular region, whether you're in the private sector or public sector, and your own initiative and assertiveness.


- for anthropologists and archaeologists

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<th>Base</th>
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<th>10th percentile</th>
<th>25th percentile</th>
<th>Median: 50th percentile</th>
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- for environmental scientists, including health

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- for geographers

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- for geologists

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- for hydrologists

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to learn more:
- IL State Museum archaeology jobs FAQs: http://www.museum.state.il.us/ismdepts/anthro/dlcfaq.html
- Environmental Careers Organization: http://www.eco.org/
- American Geological Institute: http://www.agiweb.org/workforce/

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