

GEOGRAPHIC INFORMATION SPECIALISTS

Geographic information specialists are mapping specialists who use geographic information system (GIS) technology to assemble, integrate, and display data about a particular location in a digital format. They also use GIS technology to compile information from a variety of sources.

Geospatial Information Science and Technology (GIST) is a multifaceted, *information science* which incorporates the use of advanced technologies such as global positioning systems (GPS), remote sensing (RS), geographic information systems (GIS), and mobile technologies to analyze, investigate, and organize spatial aspects of our world.

GIST is presently being used across a broad cross-section of occupations and disciplines that necessitate the analysis of spatial data, geo-visualization, and spatial awareness. GIST is essential in fields such as emergency response, homeland security, land use planning, environmental analysis, landscape ecology, agro-science, criminology, hydrology, business, logistics, geology, and energy.

As a continually evolving industry sector Geospatial Information Science and Technology industry is diverse, innovative and adaptive in the incorporation of technological advances to meet the continuum of user requirements.



SALARY INFORMATION

Location	2018				
	10%	25%	Median	75%	90%
California	\$48,850	\$67,900	\$97,600	\$131,210	\$168,020

*Pay period based on yearly amount.

EMPLOYMENT OUTLOOK

2,940

Stable growth rate is estimated to be

14%

estimated annual job openings

RELATED OCCUPATIONS

- Cost Estimators ☀️
- Logistics Analysts ☀️🌿
- Market Research Analysts and Marketing Specialists ☀️
- Information Security Analysts
- Software Developers, Systems Software ☀️🌿
- Geographic Information Systems Technicians ☀️🌿
- Geoscientists, Except Hydrologists and Geographers 🌿
- Remote Sensing Scientists and Technologists ☀️🌿
- Transportation Planners ☀️🌿
- City and Regional Planning Aides

