

WHAT IS GEOGRAPHY ?



WHY IS GEOGRAPHY IMPORTANT?

CAN I GET A JOB IN GEOGRAPHY?

TODAY'S OBJECTIVES

- Increase your understanding of why geography is important
- Introduce you to geospatial technologies and potential related jobs
- Get you to start looking at the world from a geographic (spatial) point of view

Geography is not a body of knowledge,
but rather a point of view.

You should look at the world through GEOGRAPHIC
LENSES.

Geography is a process of inquiry.

Geography explains human and
environmental interaction.

Geography is about discovering
and explaining patterns on Earth.

Who and what is where ?

Why there ?

Why care ?

EXAMPLES OF QUESTIONS WITH GEOGRAPHIC ANSWERS

Why shouldn't you pour oil down the storm drain?

Where does your food come from?

Where is the best place to locate my restaurant franchise?

JOB TITLES FOR GEOGRAPHERS

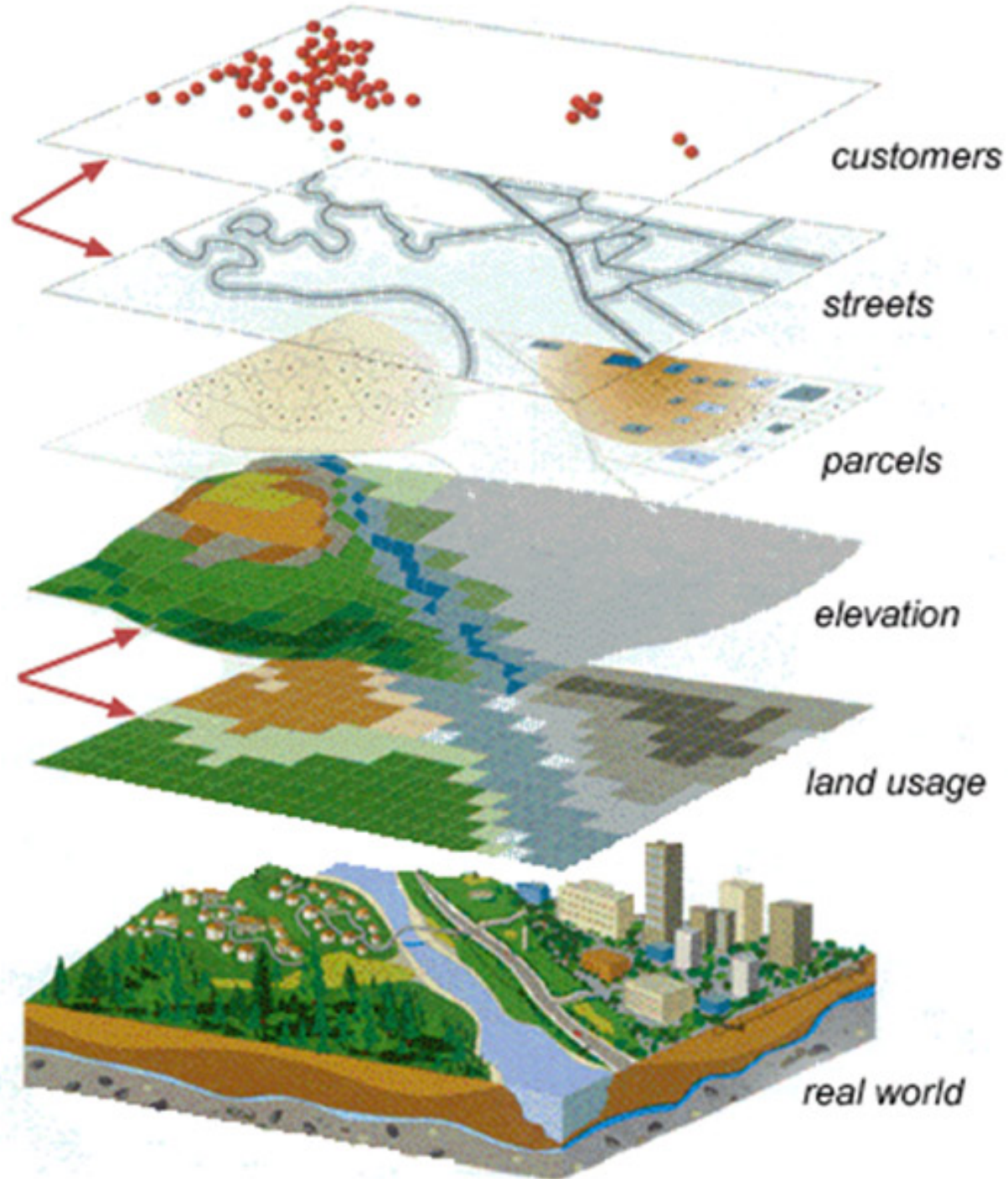
- Urban Planner/Community Development
- Cartographer
- GIS Technician
- Meteorologist
- Climatologist
- Transportation Management
- Environmental Management
- Writer/Researcher
- Teaching/Faculty
- Emergency Management
- Demographer (Population Geography)
- Marketing
- Librarian/Information Scientist
- National Park Service Ranger
- Real Estate Appraisal

GIS and GEOSPATIAL TECHNOLOGY

A geographic information system (GIS) is any system that captures, stores, analyzes, manages, and presents data that are linked to location.

Geospatial technology refers to technology used for visualization, measurement, and analysis of features or phenomena that occur on the earth.

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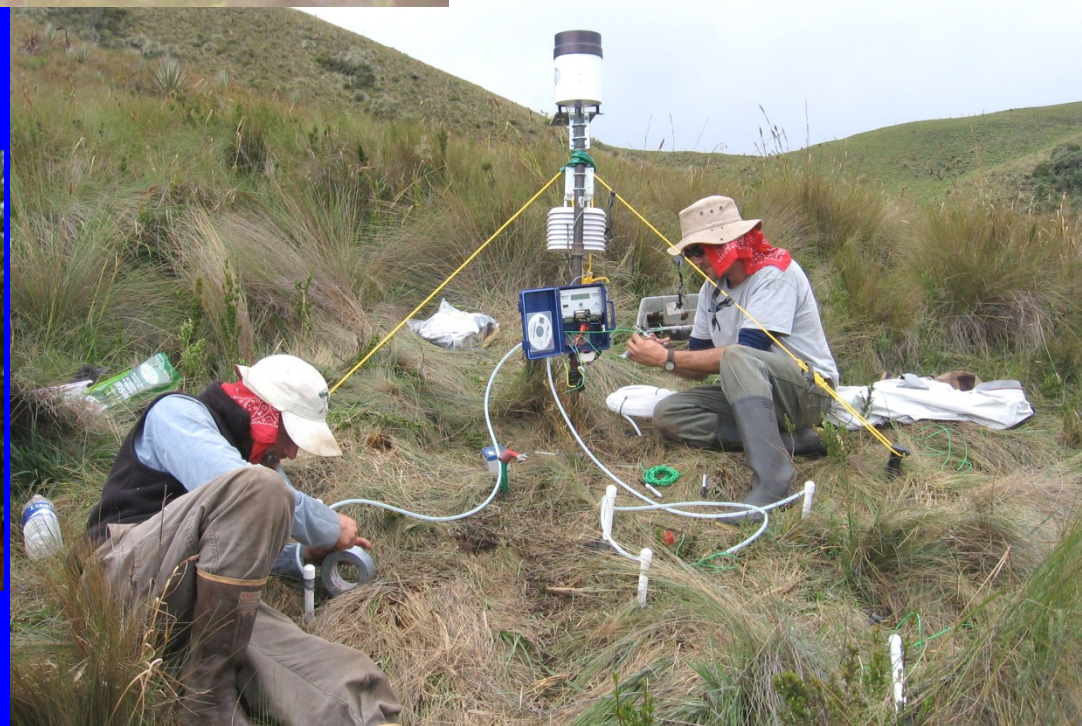


The supply of well-trained and well-educated GIS professionals in the U.S. has not kept up with the market demand.

Currently the shortfall is estimated at 3,000 – 4,000 people per year in the U.S. alone.



THE UNIVERSITY of
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Links to Geospatial Revolution Videos

Geospatial Revolution: Trailer

<http://www.geospatialrevolution.psu.edu/trailer.php>

Geospatial Revolution: Creating and Interactive City

<http://geospatialrevolution.psu.edu/episode2/chapter1>