

Video
MEDIA SPOTLIGHT

Geospatial Revolution

The location of anything is becoming everything

For the complete videos with media resources, visit:
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The Geospatial Revolution examines the world of digital mapping and how it is changing the way we think, behave, and interact. Geospatial information influences nearly everything. Seamless layers of satellites, surveillance, and location-based technologies create a worldwide geographic knowledge base vital to the interconnected global community. The Geospatial Revolution explores compelling human stories that explain the history, applications, related privacy issues, and impact of location-based technologies including GPS and GIS. The video episodes are useful for teaching history, social studies, geography, environment and ecology, science and technology, and for learning about career development.

VOCABULARY

Term	Part of Speech	Definition
coordinates	<i>noun</i>	a set of numbers giving the precise location of a point, often its latitude and longitude.
database	<i>noun</i>	a collection of information for analysis and interpretation.
geographic information system (GIS)	<i>noun</i>	any system for capturing, storing, checking, and displaying data related to positions on the Earth's surface.
geography	<i>noun</i>	study of places and the relationships between people and their environments.
Global Positioning System (GPS)	<i>noun</i>	system of satellites and receiving devices used to determine the location of something on Earth.
GPS receiver	<i>noun</i>	device that gets radio signals from satellites in orbit above Earth in order to calculate a precise location.
location	<i>noun</i>	position of a particular point on the surface of the Earth.
map	<i>noun</i>	symbolic representation of selected characteristics of a place, usually drawn on a flat surface.
remote sensing	<i>noun</i>	methods of information-gathering about the Earth's surface from a distance.
render	<i>verb</i>	to make, or cause to become.

For Further Exploration

Websites

- Geospatial Semester
- Geospatial Revolution Project



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