

THE GEOSPATIAL REVOLUTION

Produced by Penn State Public Broadcasting

Instructions: Scan the QR codes at right to access the video for each section. Answer the questions as you watch.

Episode 1 (13:44)

Where do the map coordinates and streets come from that you see on GPS receivers?

In which decades did GIS begin to emerge?

In context to the Geospatial Revolution, how do humans act as sensors?

Provide examples of how Haiti used crowdsourcing to assist with earthquake devastation.

In your own words, describe the Geospatial Revolution that is taking place.



Episode 2 (14:43)

Provide examples of the way maps are helping local governments become more democratic.

Provide examples of ways that the Geospatial Revolution is powering business.

Describe how maps are being used to assist in helping communities find a healthy future.



Episode 3 (15:01)

Provide examples for ways that geospatial technologies help(ed) broker peace, wage war, and fight crime.

Discuss ways in which new technologies can compromise personal privacy.



Episode 4 (17:44)

Explain how geospatial technologies assist governments and NGOs (non-governmental agencies) to help prevent famine.

Describe the method that Dr. John Snow used to solve the infamous cholera outbreak in London circa 1854.

Explain how people living in one of the world's largest slums empowered themselves with the help of geospatial technology.

