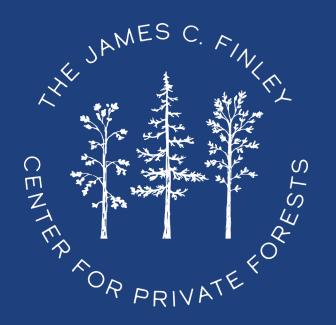


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"Using Geographic Information Systems (GIS) to Track Management and Assess Attributes of Forested Property"

Katie Brooks Jeff Osborne

Agenda

What is GIS?

Why use GIS?

How to use GIS?

What programs are available?

Walkthrough of programs



What is GIS?

Geographic Information System

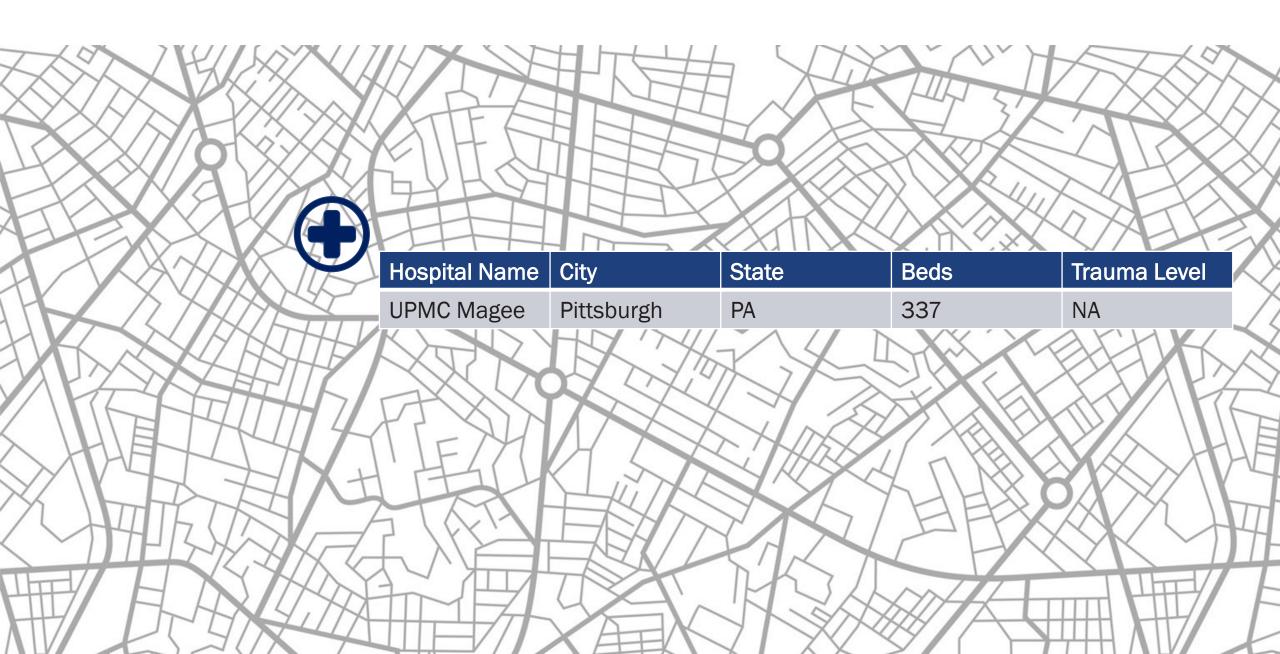
Geographic data

Tabular data

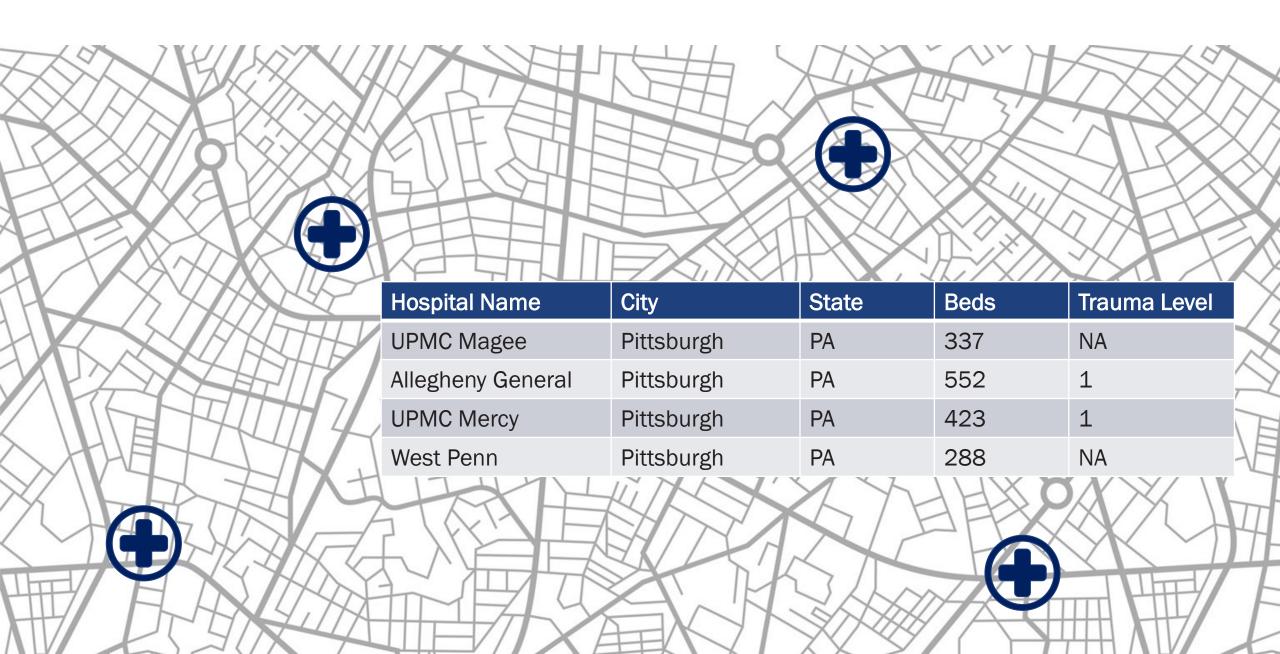
Date	High Temp	Low Temp	Precipitation	Wind Speed
2/1/22	35	12	0	15
2/2/22	41	26	0	15
2/3/22	39	20	0.23	15
2/4/22	21	16	0	13



What is GIS?



What is GIS?





How is GIS data created?

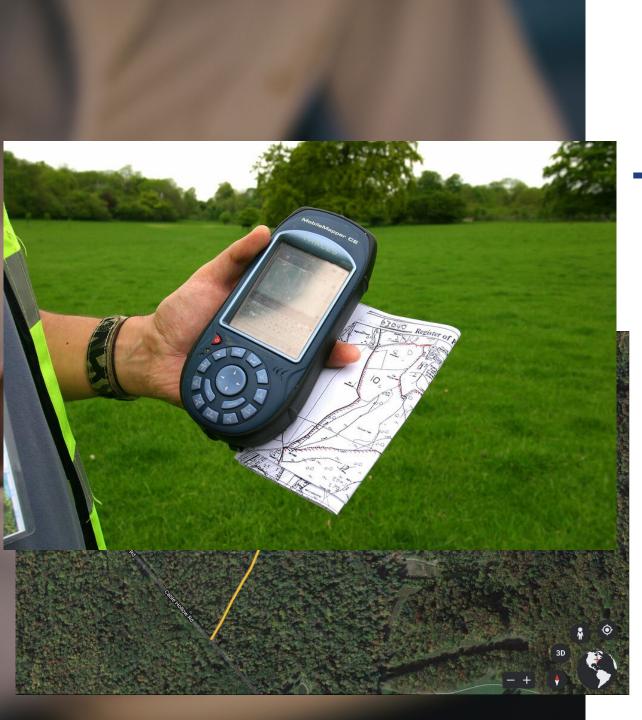
- Digitization
- Global Positioning



Why use GIS?

- Planning land management
 - Roads, buildings, treatments
- Record of management
 - Harvests, vegetation treatments
- Useful for next owners
 - Areas of interest, historical record
- Can be used when engaging a professional
 - Consulting forester, service forester





How do I use GIS?

- Printed map
- Digitization
- Field collection



Google Earth

- Free
- Web or desktop
- Good for novice GIS users
- Does allow for field collection and upload of data







Google Earth

- Can digitize points, lines, and polygons
- Can add polygons with descriptions of harvests, treatments, or special interest areas



