

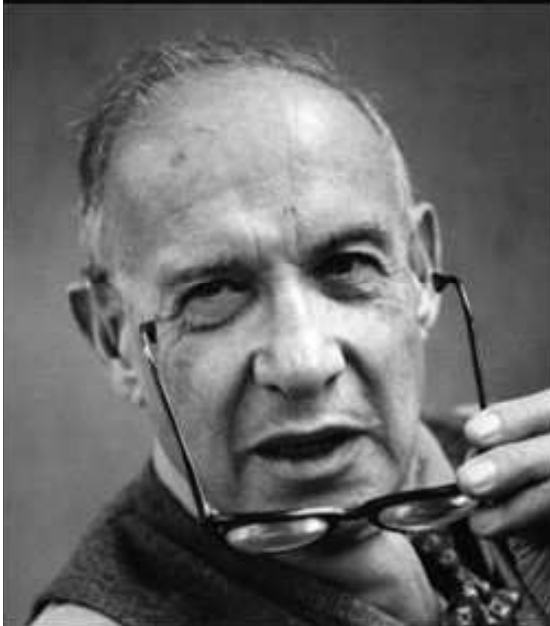


transforming the way the world works



# *The Evolution of Geospatial Technology - From Data to Knowledge*

# Peter Ferdinand Drucker



Today knowledge has power. It controls access  
to opportunity and advancement.

(Peter Drucker)

*Photo Credit: The Drucker Institute*

# Agenda

- **A Brief History....**
- **Where Are We Today?**
- **Data versus Knowledge**
  
- **The Future of Geospatial**
- **Future Trends Explained**

# A Brief History....

- Land surveying technology has come a long way since the Egyptians used the plumb bob in the construction of their shrines and temples.
  - Measuring ropes and plumb bob
  - Magnetic compass
  - Diometer
  - Sextant
  - Theodolite

1400 B.C.



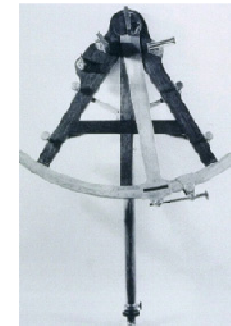
200 B.C.



120 B.C.



1730



1780



# A Brief History....

- In the modern age of surveying, the speed of technology change has been impressive. What's remarkable is how the rate of change is accelerating...
  - Geodimeter
  - Total Stations
  - GNSS
  - 3D Scanning

1950s



1970s



1980s

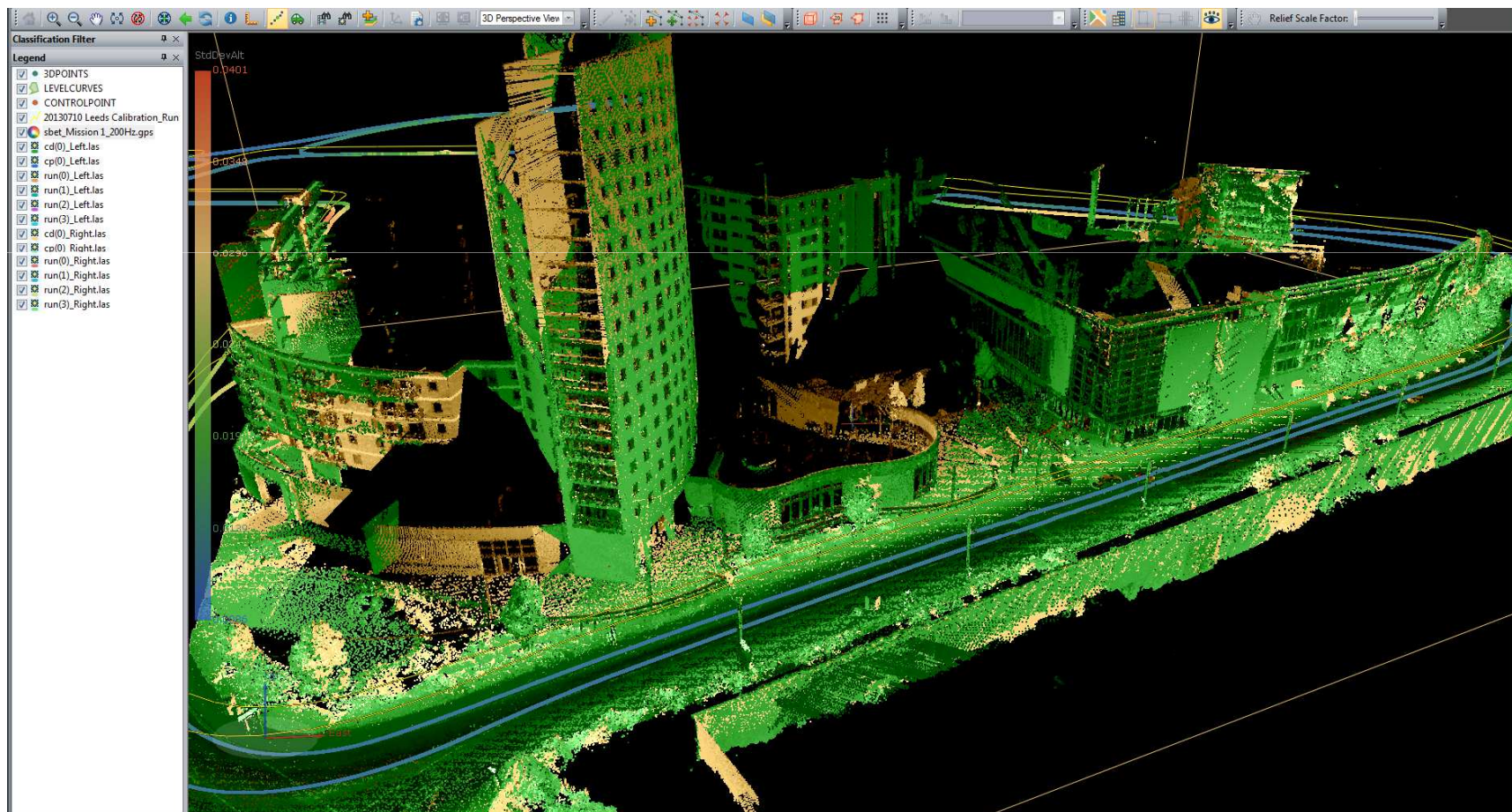


1990s

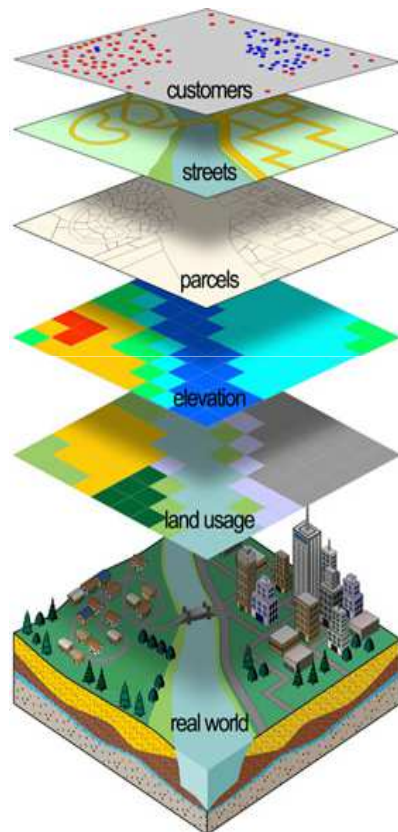


# Where are we Today?

- What can you do in 12 seconds today.....

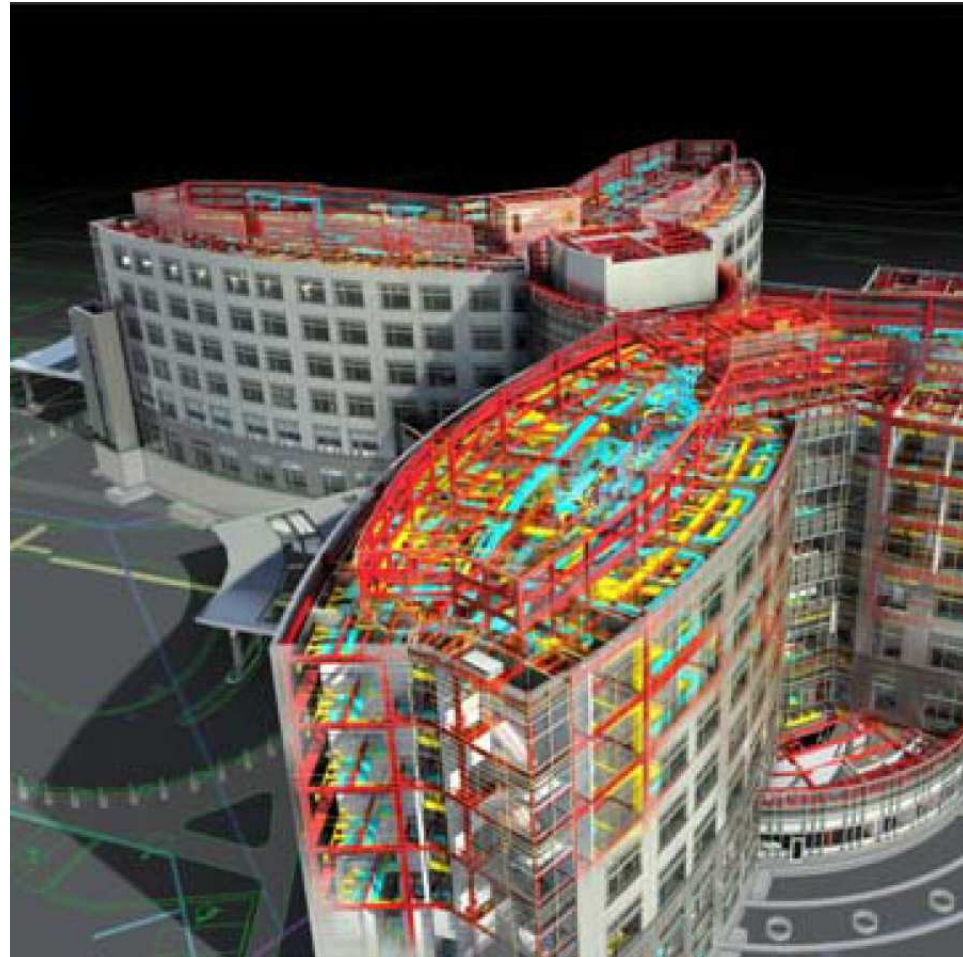


# Where are we Today?



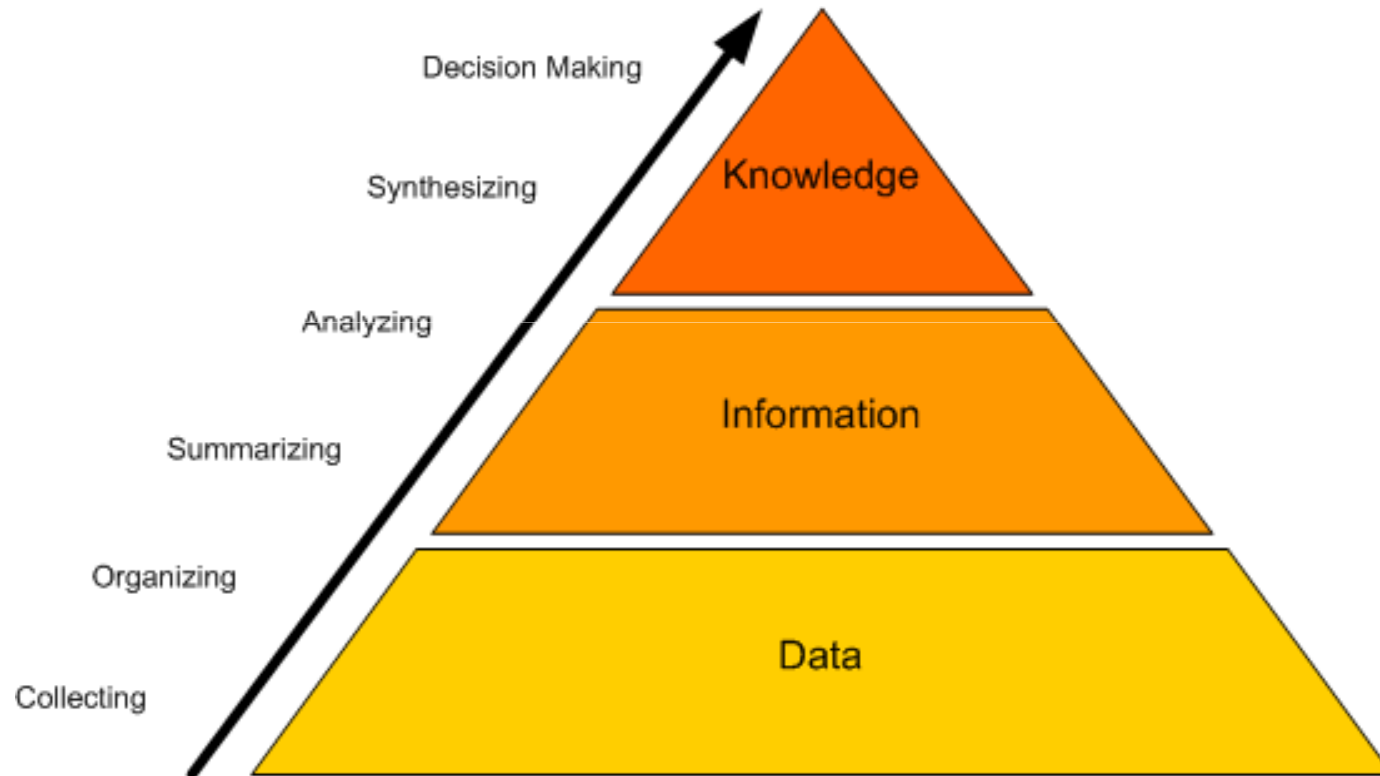
Yesterday

vs.



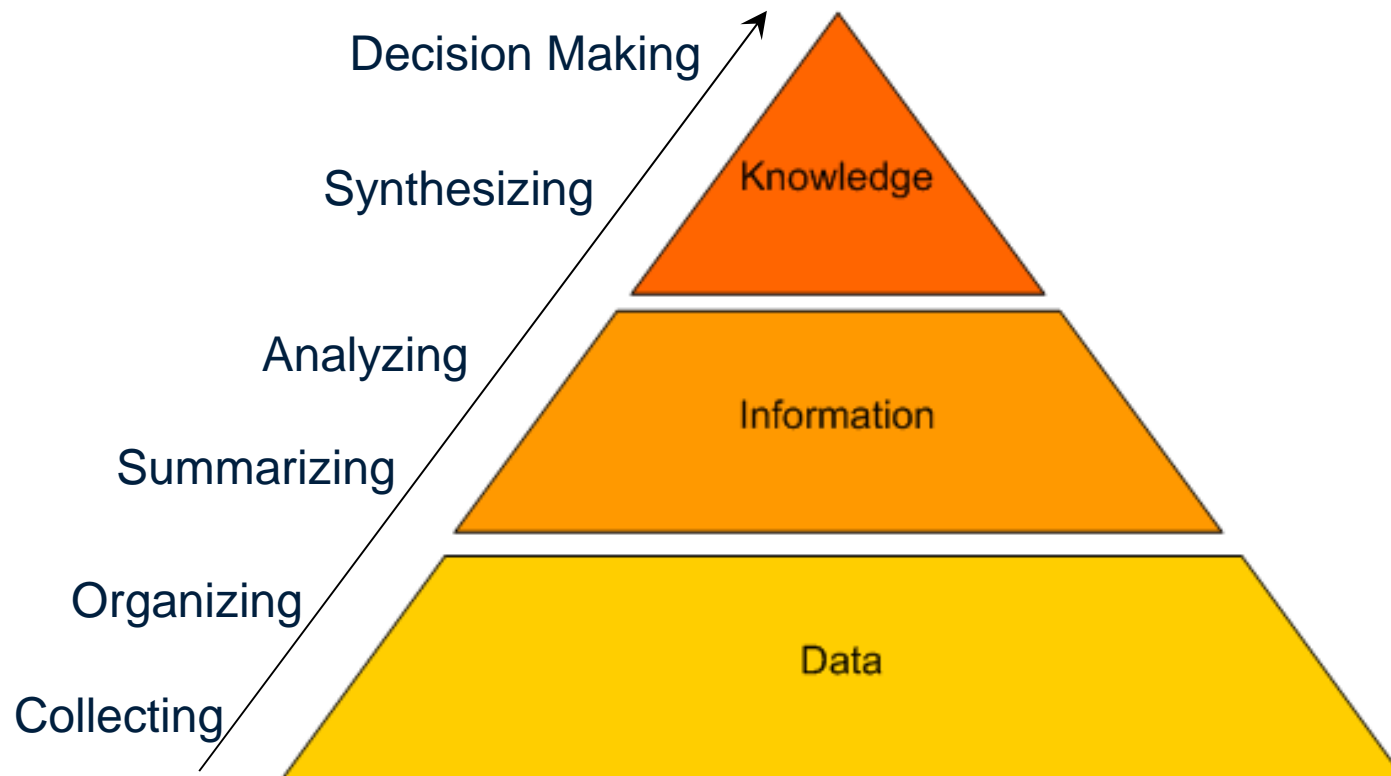
Today

# Data vs. Knowledge

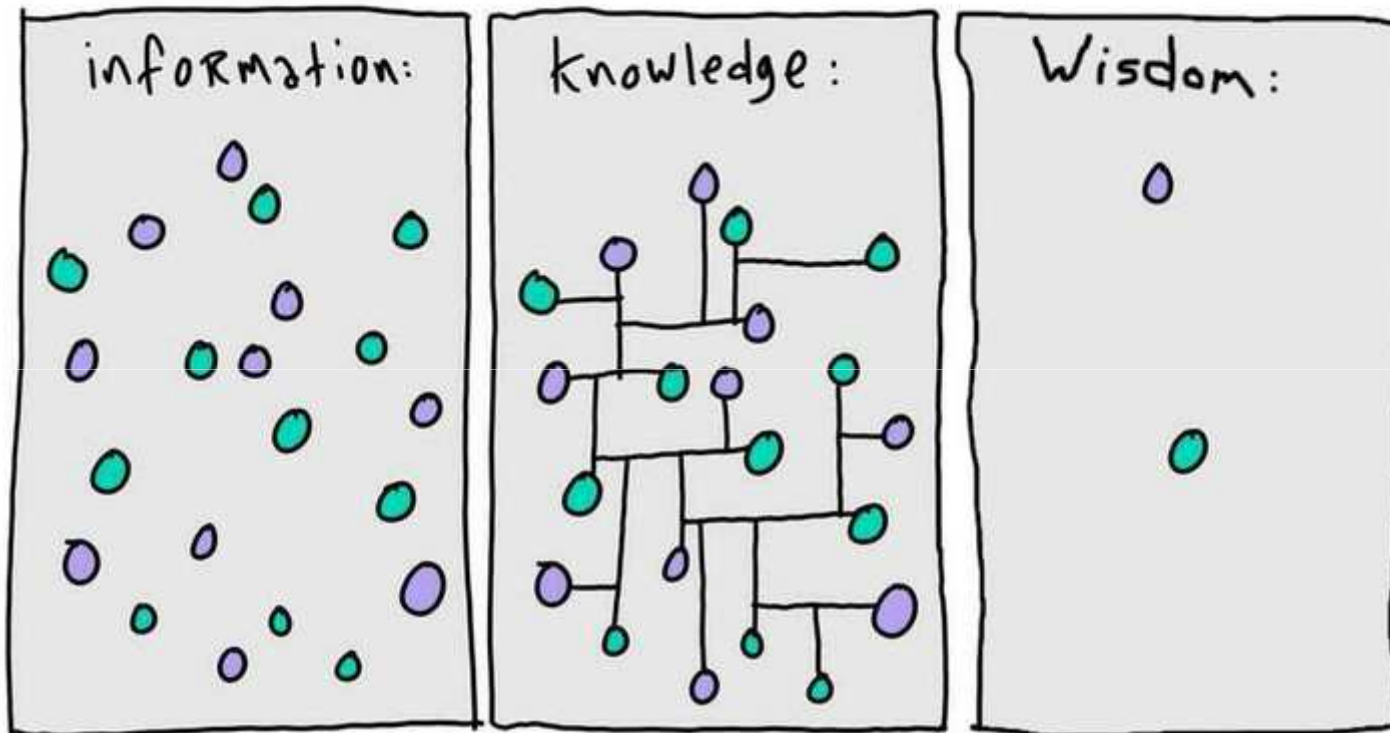




# Data versus Knowledge

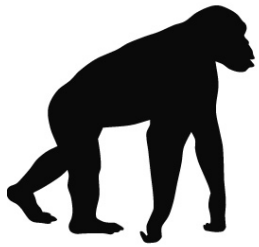


# Data versus Knowledge



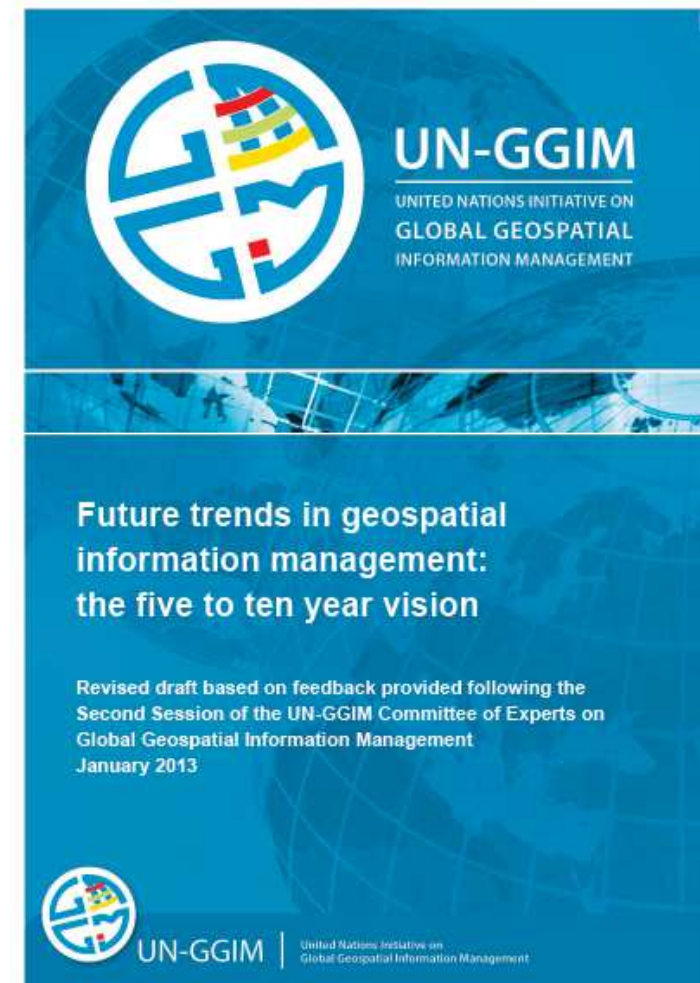
# Geospatial Value Proposition





# The Future of Geospatial...

- Taken from “Future trends in geospatial information management: the five to ten year vision – United Nations Initiative on Global Geospatial Information Management”





transforming the way the world works



Thank You