Three Axes of Data Ethics

- **<u>Ethics of Data</u>** – Collection and analysis of large datasets
  - ▶ Re-identification of individuals – geospatial concern?
  - ▶ Trust and transparency
- **<u>Ethics of Algorithms</u>** – Increasing complexity and autonomy of algorithms (e.g., Internet of Things)
- **<u>Ethics of Practices</u>** – Responsible innovation, R&D, usage – foster innovation and protect rights
  - ▶ Informed consent (Web-scraping??)
  - ▶ User privacy and surveillance
  - ▶ Secondary use – integration of data sets
  - ▶ Unintended use

https://royalsocietypublishing.org/doi/full/10.1098/rsta.2016.0360