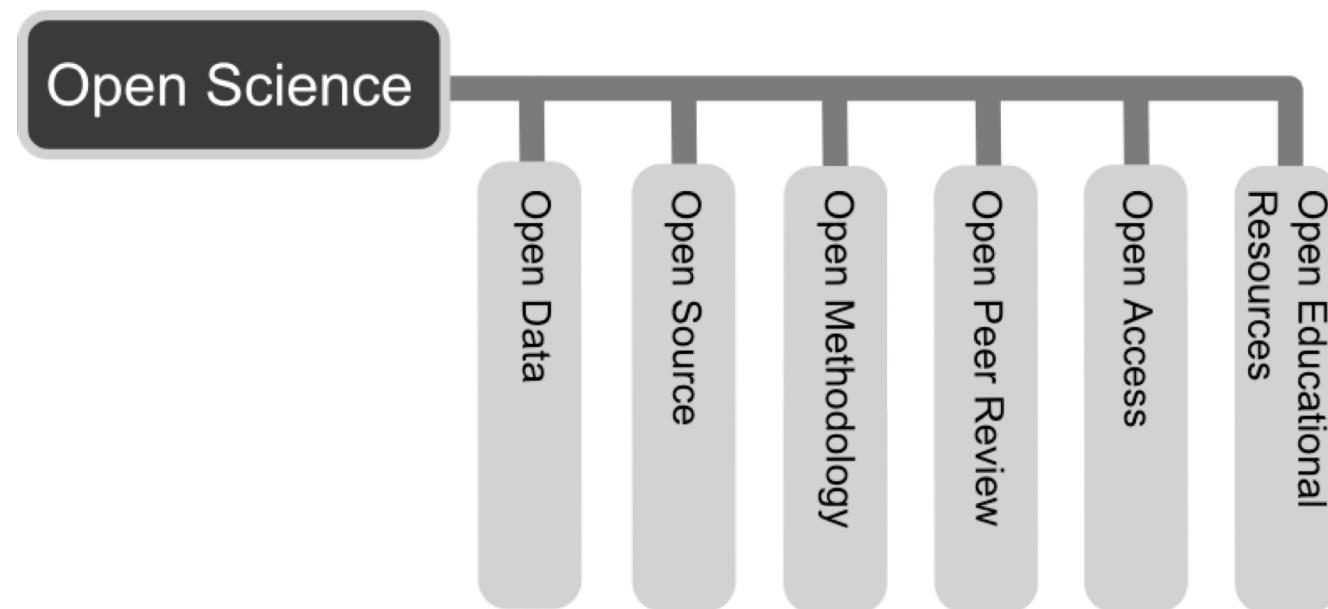


Publishing Data

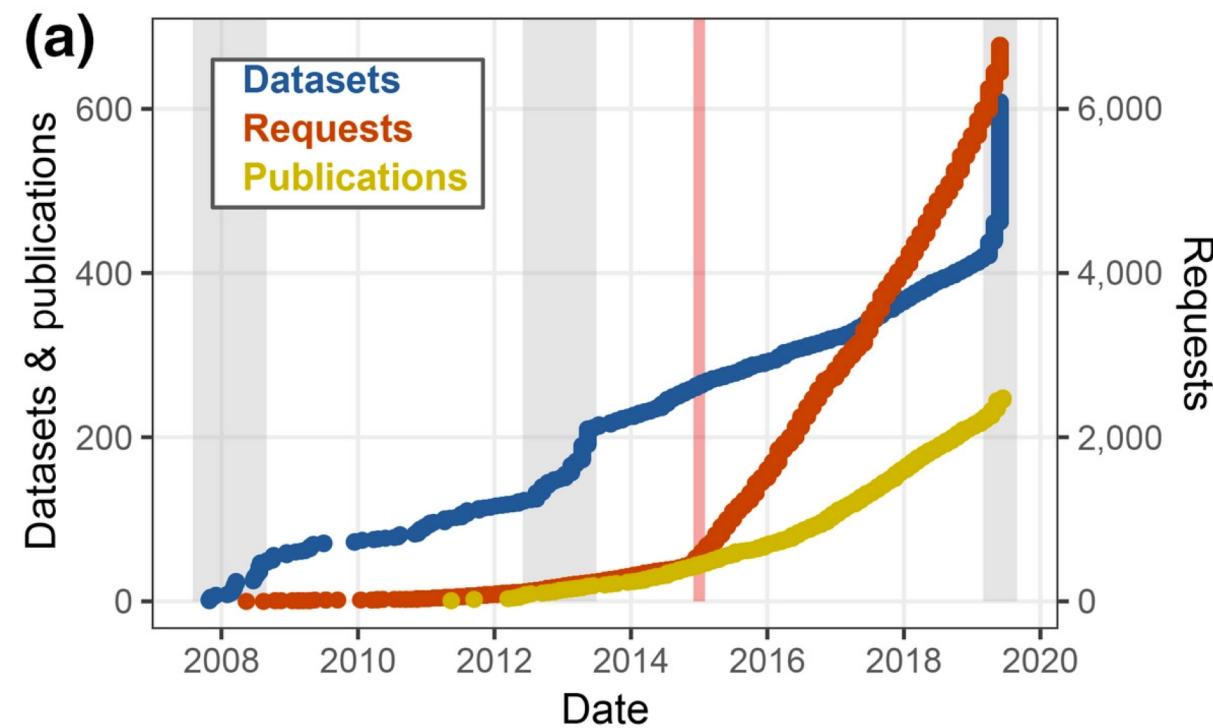
What does publishing data mean?

- Uploading your data to a citable repository (usually online)
- Can be accessed by other scientists
- Part of the “Open Science” movement



Why publish data?

- For others to use!
- Others might have new and interesting analyses
- Your data could be combined with other data to form a more robust dataset



Data from TRY plant traits database (Kattge et al., 2020)

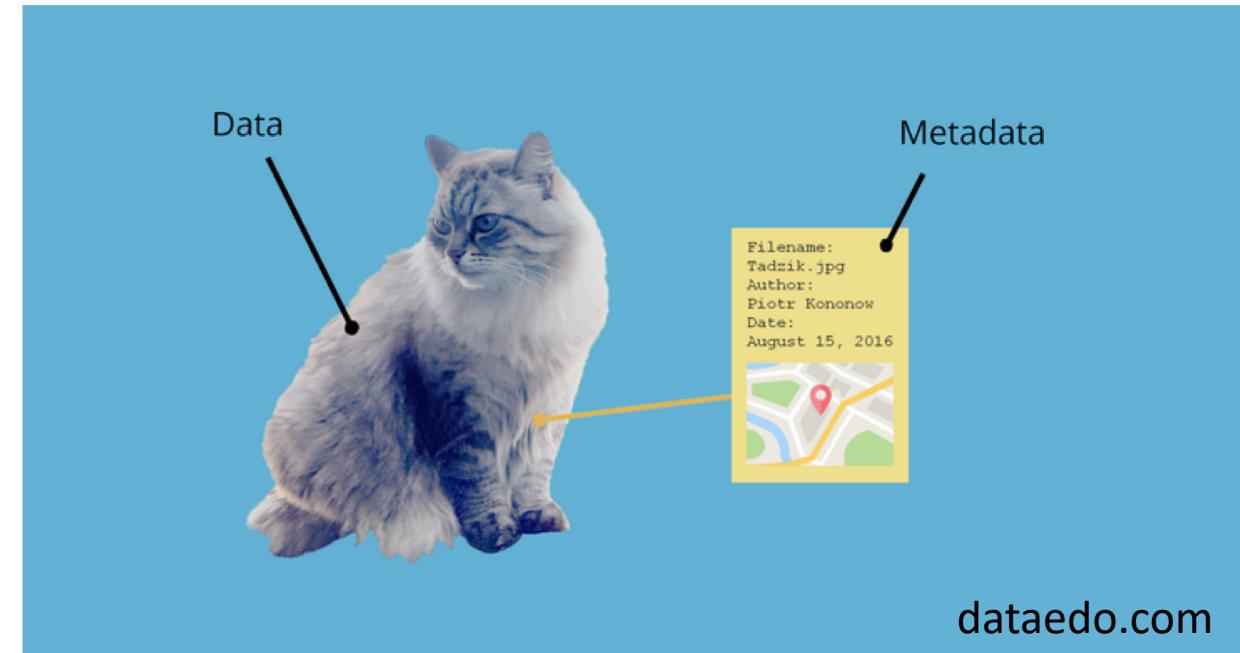
Why isn't all data published?

- Scooping
- Fear
- Lack of skill
- Others?



Formatting data for publication

- Easily readable without pricey software
 - Know your file formats
- Good metadata
 - Units!
 - Data acquisition techniques
- Repository that is easy to navigate
 - Good README
- Others?





Where to publish your data?

- Zenodo
 - Links to GitHub
- Dryad
- FigShare
- TRY (plant traits only)
- Federal repositories
 - ESS-DIVE (Dept. of Energy)
- Institutional repositories
 - Does TTU have one?
- Supplementary material with publication



When to publish your data?

- Before or after publication?
 - Most journals are now requiring data to be published with accepted papers
- Any reason to hold data back (e.g., to be used in future publication)?