

VERSO Wastewater Infrastructure Mapping Digitizing Guide

What is Digitizing?

ESRI's GIS [dictionary](#) defines digitizing as “the process of converting the geographic features on an analog map into digital x,y coordinates, or spatial data.”

When looking at the existing GIS datasets (the 6 datasets linked in the workflow) for the town you are working on, compare the existing data to any maps we may have found during our research/outreach. If those maps are more recent or more complete than the existing data, you can digitize it so we can use it in our project.

How to Digitize

Using these videos and documentation as a guide, you can first georeference your scanned map onto your basemap, and then create the new features by tracing over the map and digitizing them.

- Georeferencing [video](#) (second half of the video goes over georeferencing an image that does not have coordinates labeled)
- ESRI georeferencing [documentation](#)
- Creating features by digitizing [video](#)
- Georeferencing and digitizing example [video](#)