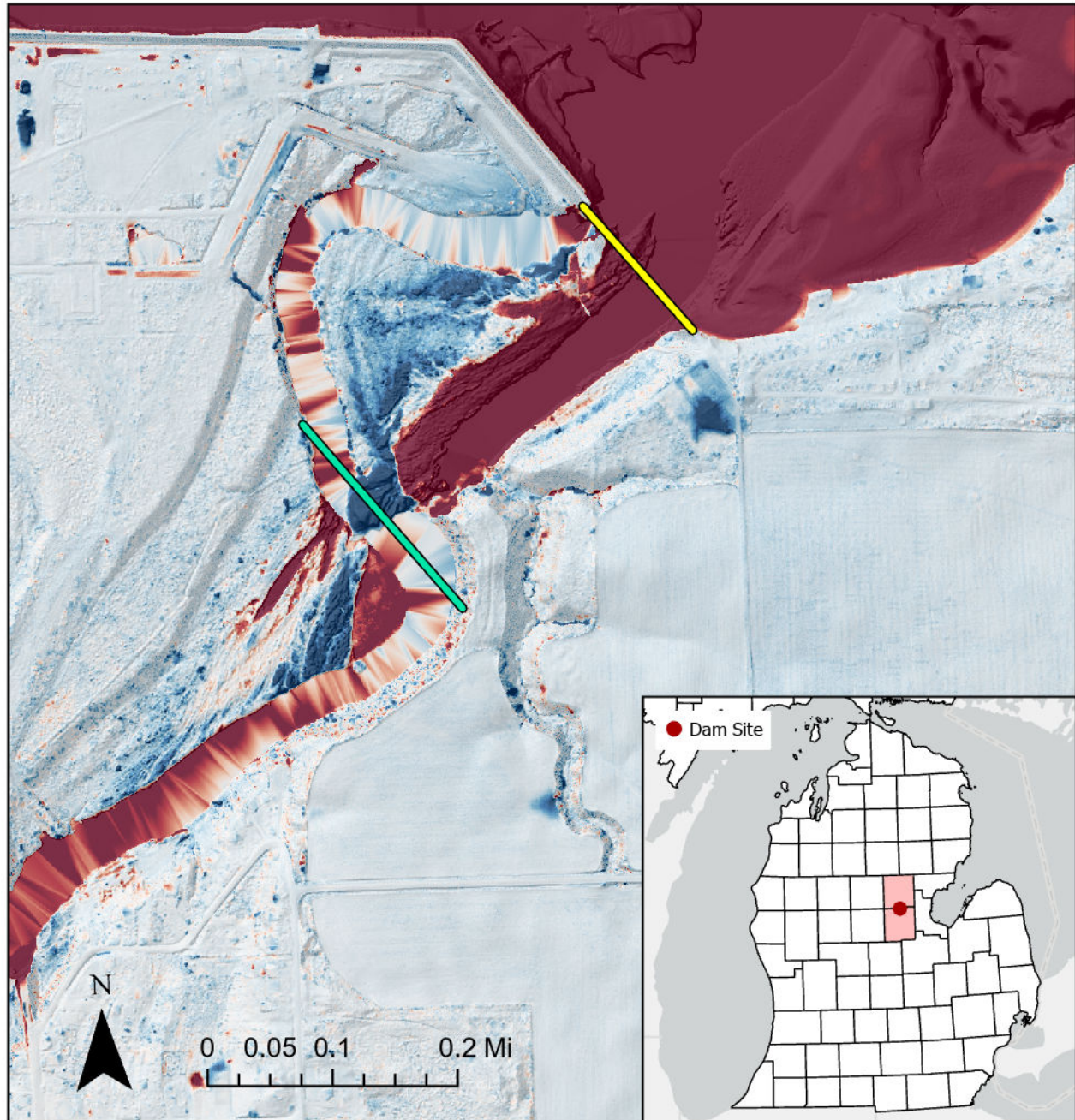


# Elevation Change After the Edenville Dam Failure



## Cross-Sections

Downstream Channel

Dam Breach

## Elevation Change (ft)

2.75

-3.4

This map shows the elevation change resulting from the Edenville Dam failure in Michigan. Using Lidar data and DEMs, I compared pre- and post-flood rasters to calculate surface change. There is elevation loss at the breach point, and elevation gain in the downstream cross-section indicating sediment deposition.

Sources: Esri Community Maps Contributors, Province of Ontario, Midland County MI, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Province of Ontario, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS, Esri, NASA, NGA, USGS, FEMA, MiSAIL, USGS 3DEP, Michigan Open Data Portal

Karen Wang, 12/2/24