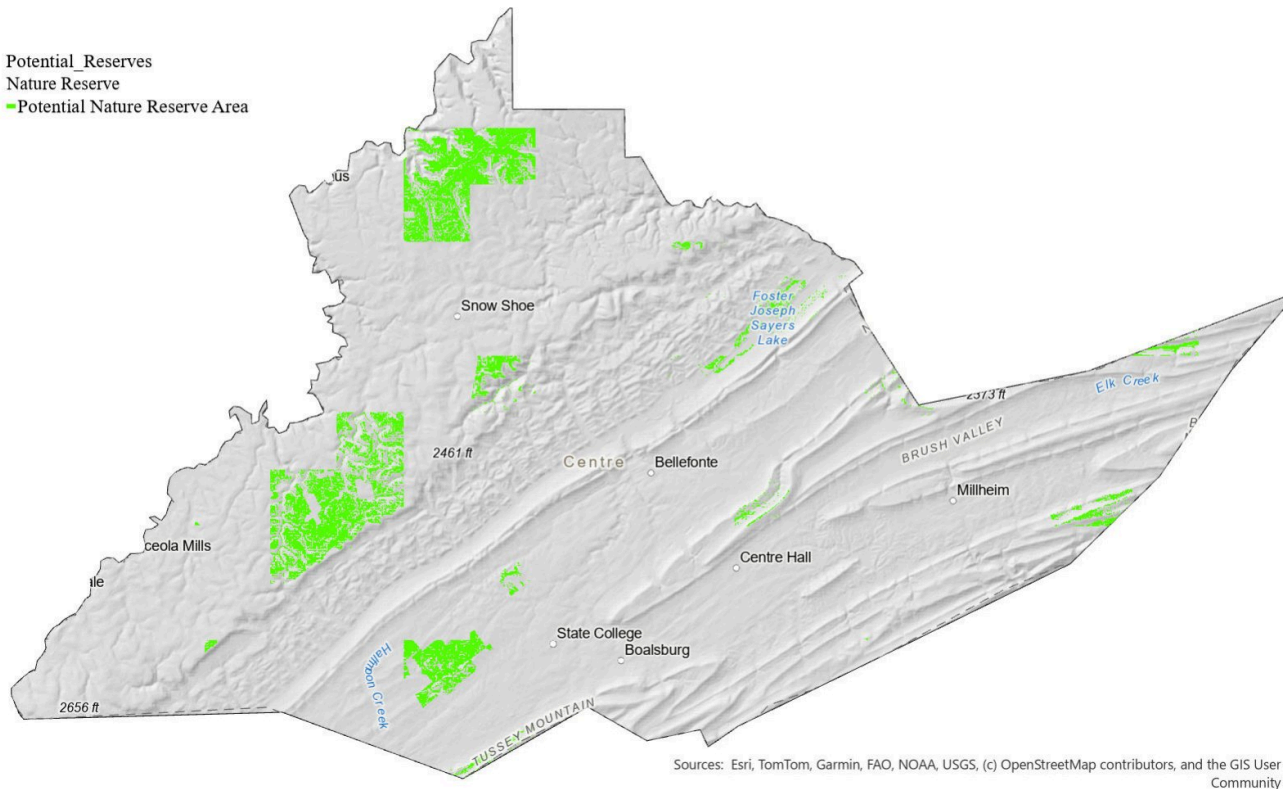


Potential Nature Reserve Sites Centre County

Created by Alexander Wurfbain
(Student, Penn State University.)

Potential_Reserves
Nature Reserve
■ Potential Nature Reserve Area



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

Potential Nature Reserve Sites

Centre County, Pennsylvania

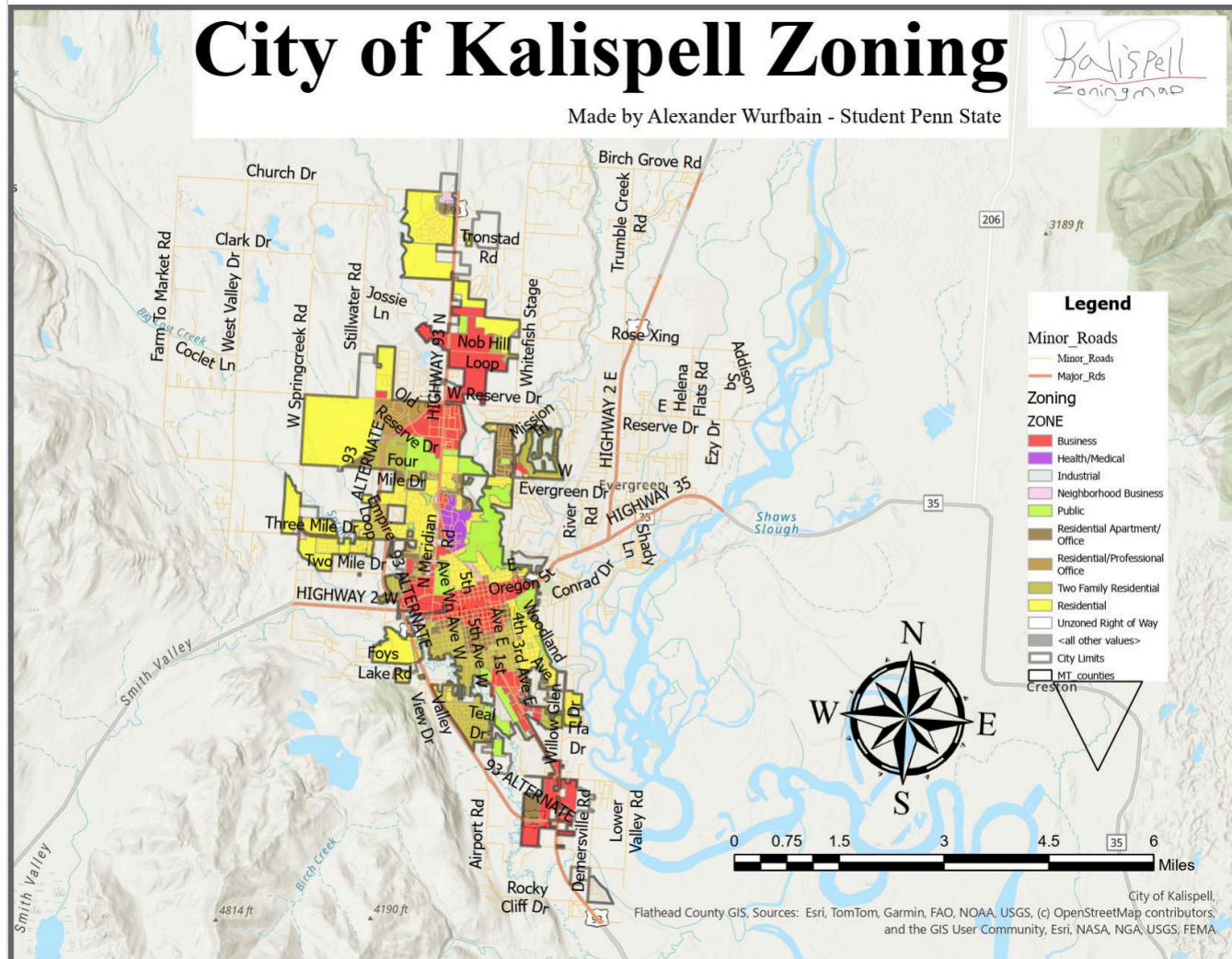
A multi-criteria suitability analysis that screens the whole county and returns the land meeting every reserve criterion at once. The output is shown over hillshaded terrain, so the candidate sites read against the ridge-and-valley landscape they sit in.

METHOD

Raster suitability modelling, overlay, reclassification

SOFTWARE

ArcGIS Pro



City of Kalispell Zoning

Kalispell, Montana

A municipal reference map of eleven zoning classes along the Highway 93 corridor, built from city and Flathead County data. The work is in the symbology: a colour scheme that keeps residential, commercial and public districts distinct, over a road hierarchy and basemap that stay quiet underneath.

METHOD

Categorical symbology, road hierarchy, label placement, layout

DATA

City of Kalispell, Flathead County GIS

SOFTWARE

ArcGIS Pro

Alexander Wurfbain 3d Bivariate Map of downtown Charlottesville, Virginia.

Bldg_Use

■ Dwelling

■ Business

■ Church

■ School

■ Organization (Government buildings, etc.)

■ Unknown

Buildings



Sources: Vector, Airbus DS, USGS, NASA, CGIAR, GEBCO, N Robinson, NCEAS, NLS, OS, NMA, Geodatenproben and the GIS User Community

3D Bivariate Map of Downtown

Charlottesville, Virginia

Building footprints extruded to height and coloured by use, so two variables read in one view. The dense commercial core stands out immediately against the lower residential blocks around it.

METHOD

3D extrusion from footprints, categorical classification, scene layout

SOFTWARE

ArcGIS Pro, 3D scenes