Best Available County GIS Property Data Summary

DATA DESCRIPTION

The State of North Carolina developed an online tool for integrating parcel boundaries from county sources. The "NC Parcels Transformer" translates parcel data from all 100 counties and the Eastern Band of Cherokee Indians into a data set with standard data fields for display and analysis across county boundaries.

RESPONSIBLE AGENCY FOR DATA COLLECTION

The North Carolina counties are the authoritative sources for digital parcel data. All 100 counties offer online map viewers including parcel boundaries and tax information. The parcel data comes from the GIS offices in each North Carolina county. Each county uploads their ESRI shape file to the NC Parcels Transformer, a cloud-based application. The county then matches the attributes from their shape file to the agreed-upon state standard. Not all the attributes in the state standard may be collected by the county. Likewise, the county may collect some attributes that are not part of the state standard. It is important to note that the Transformer does not "edge match" parcel lines between adjacent counties. At a minimum, counties are asked to upload and transform to the state schema every 6 months.

HOW TO ACCESS THE DATA

The grant project, funded by the US Environmental Protection Agency, created an efficient platform that has been expanded to a statewide parcel data resource. Results are accessible through the EPA Exchange Network and the NC OneMap GeoSpatial Portal. The data can be downloaded as either an ESRI geodatabase or as an ESRI shape file.

The NCDOT Photogrammetry Unit has created a database on the NCDOT Photogrammetry server and has developed an ArcGIS program that allows the unit to import the data into the MicroStation environment. The Photogrammetry Unit tries to update the database at least once a year. To obtain County GIS property data from the Photogrammetry Unit please contact the one of the following:

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TYPE OF DATA	LOCATION OF DATA	DATA FORMAT	WHO HAS ACCESS	UNIFORM RESOURCE LOCATOR (URL)
County GIS Property Data	NC OneMap	Geodatabase (*.gdb)	Public	https://www.nconemap.gov/pages/parcels
County GIS Property Data	NC OneMap	Shape File (*.shp)	Public	https://www.nconemap.gov/pages/parcels
County GIS Property Data	NCDOT Server	Design File (*.dgn)	NCDOT Email Accounts	Contact us at: photogrammetry@ncdot.gov