

README: High-Resolution Land Cover, Northeast Illinois and Northwest Indiana, 2010 (GeoTIFF format)

Description:

This dataset was developed as part of the Urban Tree Canopy (UTC) Assessment for the 7-County CMAP Region and the 3 NW Indiana Counties of Lake, Porter, and LaPorte. The dataset represents a 'top down' mapping perspective in which tree canopy over hanging other features is assigned to the tree canopy class. At the time of its creation this dataset represents the most detailed and accurate land cover dataset for the area.

This assessment was completed by the University of Vermont's Spatial Analysis Laboratory with funding the USDA Forest Service Northern Research Station. The methods used were developed by the University of Vermont Spatial Analysis Laboratory with funding from the USDA Forest Service. Tree canopy assessments have been conducted for numerous communities throughout the U.S. where the results have been instrumental in helping to establishing tree canopy goals.

Data is available for the entire 10-County Study Area as an ERDAS Imagine Raster File, or as GeoTIFFs divided into four geographies: the Indiana counties, CMAP North (Lake and McHenry), CMAP Central (Kane, partial DuPage, partial Cook), and CMAP South (Kendall, Will, partial DuPage, partial Cook). This set contains the GeoTIFF format.

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Filename: **CMAP_Central_UrbanTreeCanopy_2010.zip**

Title: **Central Region GeoTIFF**

Description: GeoTIFF and layer file of land cover for Kane, DuPage, and North/Central Cook Counties. Image is in the UTM Zone 16N (NAD83) coordinate system. 380 MB zipped, 419 MB unzipped

Filename: **CMAP_North_UrbanTreeCanopy_2010.zip**

Title: **North Region GeoTIFF**

Description: GeoTIFF and layer file of land cover for Lake (IL) & McHenry Counties. Image is in the UTM Zone 16N (NAD83) coordinate system. 195 MB zipped, 225 MB unzipped

Filename: **CMAP_South_UrbanTreeCanopy_2010.zip**

Title: **South Region GeoTIFF**

Description: GeoTIFF and layer file of land cover for Kendall, Will, and south Cook Counties. Image is in the UTM Zone 16N (NAD83) coordinate system. 256 MB zipped, 316 MB unzipped

Filename: **Indiana3Co_UrbanTreeCanopy_2010.zip**

Title: **Northwest Indiana GeoTIFF**

Description: GeoTIFF and layer file of land cover for Lake (IN), LaPorte and Porter Counties. Image is in the UTM Zone 16N (NAD83) coordinate system. 212 MB zipped, 381 MB unzipped

Filename: **landcover_2010_chicagoregion.img.xml**

Title: **Metadata**

Description: Land Cover metadata in XML format; can be viewed using ArcCatalog or any freeware XML viewer. XML, 1.3 MB

Questions? Contact us at info-gis@cmap.illinois.gov