

Identification_Information:

Citation:

Citation_Information:

Originator: USDA/NRCS - National Geospatial Center of Excellence

Title: National Land Cover Dataset (NLCD)

Description:

Purpose: The dataset is a generalized and nationally consistent land cover data layer for the United States based primarily on a decision-tree classification of circa 2019 Landsat satellite data and can be used for a number of purposes in a GIS.

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 2019

Status:

Progress: Complete

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -91.65501

East_Bounding_Coordinate: -88.09789

North_Bounding_Coordinate: 34.9961

South_Bounding_Coordinate: 30.13985

Keywords:

Theme:

Theme_Keyword_Thesaurus: Standard for Geospatial Dataset File

Naming

Theme_Keyword: Land Use/Land Cover, NLCD

Place:

Place_Keyword_Thesaurus: GNIS

Place_Keyword: Mississippi

Place_Keyword: *

Use_Constraints:

The U.S. Department of Agriculture, Service Center Agencies should be acknowledged as the data source in products derived from these data.

This data set is not designed for use as a primary regulatory tool in permitting or citing decisions, but may be used as a reference source. This information may be interpreted by organizations, agencies, units of government, or others based on needs; however, they are responsible for the appropriate application. Federal, State, or local regulatory bodies are not to reassign to the Service Center Agencies any authority for the decisions that they make. The Service Center Agencies will not perform any evaluations of these data for purposes related solely to State or local regulatory programs.

Photographic or digital enlargement of these data to scales greater than at which they were originally mapped can cause misinterpretation of the data. Digital data files are periodically updated, and users are responsible for obtaining the latest version of the data.

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Farm Production and Conservation Business Center (FPAC BC) Geospatial Enterprise Operations (GEO) Branch

Contact_Address:

Address: 501 W. Felix St, Bldg 23
City: Fort Worth
State_or_Province: Texas
Postal_Code: 76115

Data_Quality_Information:

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator:

U.S. Geological Survey
Publication_Date: 2021
Title: Land Use Land Cover Data Set

Source_Scale_Denominator: 30 meter

Process_Step:

Process_Description: Download NLCD 2019 image file from the MRLC Consortium. Using the Spatial Analysis tools in ArcToolbox (ESRI Software) the image is extracted by mask, using 300 meter buffered state boundaries. During the extract the raster is converted to .tif format and projected to the appropriate UTM Zone, with a cell size of 30.

Process_Date: 202203

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Grid_Coordinate_System:

Grid_Coordinate_System_Name: Universal Transverse Mercator

Universal_Transverse_Mercator:

UTM_Zone_Number: 15

Transverse_Mercator:

Scale_Factor_at_Central_Meridian: 0.9996
Longitude_of_Central_Meridian: -93
Latitude_of_Projection_Origin: 0.0
False_Easting: 500000.0
False_Northing: 0.0

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1983 (NAD83)

Ellipsoid_Name: GRS1980

Semi-major_Axis: 6378137.0

Denominator_of_Flattening_Ratio: 298.257222101

Entity_and_Attribute_Information:

Overview_Description:

Entity_and_Attribute_Overview:

All classes may NOT be represented in a specific state data set. The 20 class numbers ranging from 11 to 95 represent the digital value of the class in the data set.

Entity_and_Attribute_Detail_Citation: Detailed metadata about the National Land Cover Dataset (NLCD) is available from the "nlcd_2019_land_cover_l48_20210604.xml" that is available with each gateway request.

Distribution_Information:

Distribution_Liability:

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Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: Tag Image File Format (TIFF)

Metadata_Reference_Information:

Metadata_Date: 01/11/2023

Metadata_Standard_Name: SCI Minimum Compliance Metadata

Metadata_Standard_Version: SCI Std 003-02