Conserved Land (NH)

Tags

Boundary, Conservation, Public Lands, Protected, Protected Lands, Land Ownership, Parcels

FGDC Metadata

Identification

CITATION

CITATION INFORMATION
ORIGINATOR Complex Systems Research Center, University of New Hampshire
PUBLICATION DATE 1995-09-01
TITLE
New Hampshire Conservation/Public Lands at 1:24,000 Scale
EDITION One
GEOSPATIAL DATA PRESENTATION FORM Map, Table
PUBLICATION INFORMATION
PUBLICATION PLACE Durham, New Hampshire
PUBLISHER Complex Systems Research Center, University of New Hampshire
OTHER CITATION DETAILS
None
ONLINE LINKAGE <URL:http://www.granit.unh.edu/cgi-bin/nhsearch?dset=consnh/nh>
LARGER WORK CITATION
CITATION INFORMATION
ORIGINATOR Complex Systems Research Center, University of New Hampshire
PUBLICATION DATE 1986-01-01
TITLE
NH GRANIT Database
PUBLICATION INFORMATION
PUBLICATION PLACE Durham, New Hampshire
PUBLISHER Complex Systems Research Center, University of New Hampshire
ONLINE LINKAGE <URL:http://www.granit.unh.edu>

DESCRIPTION
ABSTRACT

The GRANIT Conservation/Public Lands data layer contains a digital record of parcels of land of two
or more acres that are mostly undeveloped and are protected from future development. Smaller
parcels that adjoin previously mapped parcels or represent unique features, such as a bog or
state-owned boat ramp, may also be included in the data layer.

PURPOSE

The conservation/public lands layer provides information on land ownership patterns in the state.
The boundaries are approximate, and are not meant to represent legal descriptions of the parcels.

SUPPLEMENTAL INFORMATION

Data distribution tile: statewide

Each parcel may comprise one or more tracts and thus may be represented by one or more features (polygons) in the spatial database. Multiple tracts may occur as a result of multiple acquisitions over time, single acquisitions from multiple owners, and/or a parcel that is bisected by a road or other base feature.

The data are available both in personal geodatabase format (.mdb) and in shapefile format (.shp).

TIME PERIOD OF CONTENT
  TIME PERIOD INFORMATION
    RANGE OF DATES/TIMES
      BEGINNING DATE 1953-01-01
      ENDING DATE 2013-04-15
    CURRENTNESS REFERENCE
        Publication Date

STATUS
  PROGRESS Complete
      MAINTENANCE AND UPDATE FREQUENCY
            Biannually

SPATIAL DOMAIN
  BOUNDING COORDINATES
    WEST BOUNDING COORDINATE -72.590654
    EAST BOUNDING COORDINATE -70.581047
    NORTH BOUNDING COORDINATE 45.268974
    SOUTH BOUNDING COORDINATE 42.692927

KEYWORDS
  THEME
    THEME KEYWORD THESAURUS None
    THEME KEYWORD Boundary
    THEME KEYWORD Conservation
    THEME KEYWORD Public Lands
    THEME KEYWORD Protected
    THEME KEYWORD Protected Lands
    THEME KEYWORD Land Ownership
    THEME KEYWORD Parcels

  PLACE
    PLACE KEYWORD THESAURUS None
    PLACE KEYWORD United States
    PLACE KEYWORD Northeast
    PLACE KEYWORD New England
    PLACE KEYWORD New Hampshire

ACCESS CONSTRAINTS
    None

USE CONSTRAINTS
    Not for legal use

POINT OF CONTACT
  CONTACT INFORMATION
    CONTACT ORGANIZATION PRIMARY
      CONTACT ORGANIZATION Complex Systems Research Center
      CONTACT PERSON GRANIT Database Manager
    CONTACT POSITION GRANIT Database Manager

CONTACT ADDRESS
  ADDRESS TYPE mailing and physical address
  ADDRESS Morse Hall, University of New Hampshire
  CITY Durham
  STATE OR PROVINCE NH
  POSTAL CODE 03824
  COUNTRY UNITED STATES

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CONTACT FACSIMILE TELEPHONE 603-862-0188
CONTACT ELECTRONIC MAIL ADDRESS granit@unh.edu
HOURS OF SERVICE 8:30AM-5PM, EST

BROWSE GRAPHIC
  BROWSE GRAPHIC FILE NAME <URL:http://www.granit.unh.edu/cgi-bin/load_file?
  PATH=/data/database/d-webdata/consnh/browse.gif>
  BROWSE GRAPHIC FILE DESCRIPTION
  gif image file
  BROWSE GRAPHIC FILE TYPE gif

DATA SET CREDIT
    GRANIT database

NATIVE DATA SET ENVIRONMENT
Arc/Info personal geodatabase format

Data Quality

ATTRIBUTE ACCURACY
  ATTRIBUTE ACCURACY REPORT

    The primary attribute associated with each polygon is the Tract Identifier (TID), which is verified
    via visual examination. Additional attributes are processed through domain checks and internal
    consistency checks.

LOGICAL CONSISTENCY REPORT
    Polygon topology exists.

COMPLETENESS REPORT
    Data is complete for the tile.

POSITIONAL ACCURACY
  HORIZONTAL POSITIONAL ACCURACY
    HORIZONTAL POSITIONAL ACCURACY REPORT
      Data meet National Map Accuracy Standards at the stated scale.

LINEAGE
  SOURCE INFORMATION
    SOURCE CITATION
      CITATION INFORMATION
        ORIGINATOR Varies
        PUBLICATION DATE Varies
        TITLE
        Surveys, town tax maps, DXF files
        GEOSPATIAL DATA PRESENTATION FORM map

    TYPE OF SOURCE MEDIA Paper, Digital
    SOURCE TIME PERIOD OF CONTENT
      TIME PERIOD INFORMATION
        RANGE OF DATES/TIMES
          BEGINNING DATE 1953-01-01

ENDING DATE 2013-04-15
SOURCE CURRENTNESS REFERENCE
Ground Condition
SOURCE CITATION ABBREVIATION
PARCELSOURCE
SOURCE CONTRIBUTION
Provides the source parcel boundaries for the data layer.

SOURCE INFORMATION
SOURCE CITATION
CITATION INFORMATION
ORIGINATOR   US Geological Survey or another mapping agency in cooperation with USGS
PUBLICATION DATE 1953-1990, varies by topographic quadrangle
TITLE
Digital Line Graphs - 1:24,000/1:25,000
EDITION 1
GEOSPATIAL DATA PRESENTATION FORM digital geospatial data
PUBLICATION INFORMATION
PUBLICATION PLACE Reston, VA
PUBLISHER US Geological Survey
OTHER CITATION DETAILS
None
ONLINE LINKAGE <URL:http://earthexplorer.usgs.gov>
LARGER WORK CITATION
CITATION INFORMATION
ORIGINATOR US Geological Survey
PUBLICATION DATE Unknown
TITLE
National Cartographic Database
PUBLICATION INFORMATION
PUBLICATION PLACE Reston, VA
PUBLISHER US Geological Survey
ONLINE LINKAGE <URL:http://www.usgs.gov>

SOURCE SCALE DENOMINATOR 24000
TYPE OF SOURCE MEDIA Digital
SOURCE TIME PERIOD OF CONTENT
TIME PERIOD INFORMATION
RANGE OF DATES/TIMES
BEGINNING DATE 1953-01-01
ENDING DATE 1990-01-01
SOURCE CURRENTNESS REFERENCE
Publication Date
SOURCE CITATION ABBREVIATION
DLG-3
SOURCE CONTRIBUTION

The DLG files for town boundaries, hydrography, railroads, road, and pipelines, were used in the development of the base map for the data layer.

SOURCE INFORMATION
SOURCE CITATION
CITATION INFORMATION
ORIGINATOR NH Department of Transportation
PUBLICATION DATE 20010607, or most current version available
TITLE
NH Department of Transportation Smart Maps, 1:24,000
GEOSPATIAL DATA PRESENTATION FORM map

PUBLICATION INFORMATION
   PUBLICATION PLACE Concord, NH
   PUBLISHER NH Department of Transportation
OTHER CITATION DETAILS
None
ONLINE LINKAGE <URL:http://www.state.nh.us/dot>

SOURCE SCALE DENOMINATOR 24000
TYPE OF SOURCE MEDIA Digital
SOURCE TIME PERIOD OF CONTENT
  TIME PERIOD INFORMATION
   RANGE OF DATES/TIMES
    BEGINNING DATE 1953-01-01
    ENDING DATE 2001-06-07
  SOURCE CURRENTNESS REFERENCE
  Publication Date
SOURCE CITATION ABBREVIATION
DOTROADS
SOURCE CONTRIBUTION

The DOT road centerline data were used in the development of the base map for the data layer.

PROCESS STEP
  PROCESS DESCRIPTION

The development of this data layer was initiated in the early 1990's as a collaboration between the Society for the Protection of NH Forests (SPNHF), the NH Office of State Planning (OSP), and the Complex Systems Research Center at the University of New Hampshire (CSRC). While the methodologies used to develop the data set have evolved over a period of years, the basic approach has remained relatively constant throughout this period.

As of 2001/2002, the entities responsible for the development of the data set include: OSP (collection, compilation, and automation of state/federal lands), the regional planning agencies (collection, compilation, and automation of municipally-managed parcels), SPNHF (collection and compilation of Forest Society Lands), and CSRC (collection, compilation, and automation of all other protected lands, and integration of all contributions into a seamless, statewide data set).

The process starts with the collection of source information (PARCELSOURCE) from agencies protecting/managing parcels in the state. Protecting agencies typically include state/federal organizations, county/municipal agencies, land trusts, watershed associations, and other non-profit organizations. The protecting entity is asked to provide the best available source map, and the associated descriptive information, to the organization responsible for parcel compilation (SPNHF, OSP, an RPA, and/or CSRC).

The organization recompiling the tract/parcel information must typically re-scale the source maps to achieve the target compilation scale of 1:24,000. This is accomplished via traditional copying machines with variable reduction capabilities. (For data that is digitally transmitted (e.g. DXF/DWG files), this step is omitted.) Once the source parcel is scaled appropriately, the parcel boundaries are recompiled onto 7.5-minute quad-based mylars. Prior to the late 1990's, these mylars displayed DLG-3 source data and any existing parcels in the data base. More recently, the DOTROADS data have replaced the DLG-3 roads.

During recompilation, tract/parcel boundaries that are coincident with any base features are flagged appropriately. Color codes are used to indicate whether the intended coincidence is with a base map road, surface water feature, town boundary, etc.

When new parcels are mapped that share boundaries with existing tracts/parcels, the compiler must select the best boundary to utilize. In these instances, attribute data (e.g. SOURCE, ACCURACY, etc.) associated with the existing and the new parcel are reviewed, and a determination is made.

The recompiled boundaries are then digitized, using standard GRANIT automation tolerances. This automation may take place at several locations (as noted above). During the digitizing phase, all flagged, coincident boundaries are replaced with the appropriate base feature from the GRANIT database. This ensures consistency of the resulting tracts/parcels with the GRANIT base layers. Boundary arcs and polygons are then coded. If the automation is handled by OSP or a regional planning agency, the new parcels are submitted to GRANIT for final review and incorporation in the statewide layer.

Checkplots are generated as each quad is updated, to ensure the accuracy of the linework digitizing and arc/polygon coding. Attributes are entered and verified through visual checks and by processing against valid domains.

Note that certain attributes have been added since the original template was defined. As a result, not all fields will be populated for all records.

Further information on the derivation of the data set, and the standards utilized, may be obtained from the GRANIT database manager at CSRC.

SOURCE USED CITATION ABBREVIATION
PARCELSOURCE, DLG-3, DOTROADS
PROCESS DATE 2013-04-15

PROCESS CONTACT
 CONTACT INFORMATION
  CONTACT PERSON PRIMARY
   CONTACT PERSON GRANIT Database Manager
   CONTACT ORGANIZATION Complex Systems Research Center
  CONTACT POSITION GRANIT Database Manager
  CONTACT ADDRESS
   ADDRESS TYPE mailing and physical address
   ADDRESS Morse Hall, University of New Hampshire
   CITY Durham
   STATE OR PROVINCE NH
   POSTAL CODE 03824
   COUNTRY UNITED STATES

  CONTACT VOICE TELEPHONE 603-862-1792
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  CONTACT ELECTRONIC MAIL ADDRESS granit.unh.edu
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Spatial Data Organization

 DIRECT SPATIAL REFERENCE METHOD Vector

 POINT AND VECTOR OBJECT INFORMATION
  SDTS TERMS DESCRIPTION
   SDTS POINT AND VECTOR OBJECT TYPE GT-polygon composed of chains
   POINT AND VECTOR OBJECT COUNT 9935

Spatial Reference

 HORIZONTAL COORDINATE SYSTEM DEFINITION
  PLANAR
   GRID COORDINATE SYSTEM
    GRID COORDINATE SYSTEM NAME State Plane Coordinate System 1983
    STATE PLANE COORDINATE SYSTEM
     SPCS ZONE IDENTIFIER New Hampshire
     TRANSVERSE MERCATOR
      SCALE FACTOR AT CENTRAL MERIDIAN 0.999967
      LONGITUDE OF CENTRAL MERIDIAN -71.666667

LATITUDE OF PROJECTION ORIGIN 42.500000
FALSE EASTING 984250.000000
FALSE NORTHING 0.000000

PLANAR COORDINATE INFORMATION
PLANAR COORDINATE ENCODING METHOD Coordinate pair
COORDINATE REPRESENTATION
ABSCISSA RESOLUTION 0.000208
ORDINATE RESOLUTION 0.000208
PLANAR DISTANCE UNITS Survey Feet

GEODETIC MODEL
HORIZONTAL DATUM NAME North American Datum of 1983
ELLIPSOID NAME GRS 80
SEMI-MAJOR AXIS 6378137.000000
DENOMINATOR OF FLATTENING RATIO 298.257222

Entities and Attributes

OVERVIEW DESCRIPTION
ENTITY AND ATTRIBUTE OVERVIEW

Attributes for this data set are provided in 'Cons_Document.doc'.
In addition, please also see 'AttributeCodes.xls' for a listing of codes for fields with defined domains (PPTYPE, PPTERMTYPE, SPTYPE1, SPTYPE2, PPAGENCY, PPAGENTYPE, SPAGENCY1, SPAGENCY2, PROGRAM, LEVEL, MSTATUS, ACCURACY, and ACCESS).

ENTITY AND ATTRIBUTE DETAIL CITATION
None

Distribution Information

DISTRIBUTOR
CONTACT INFORMATION
CONTACT ORGANIZATION PRIMARY
CONTACT ORGANIZATION Complex Systems Research Center
CONTACT PERSON GRANIT Database Manager
CONTACT POSITION GRANIT Database Manager
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RESOURCE DESCRIPTION CONS - New Hampshire Conservation/Public Lands at 1:24,000 Scale
DISTRIBUTION LIABILITY

Digital data in NH GRANIT represent the efforts of the contributing agencies to record information from the cited source materials. Complex Systems Research Center, under contract to the NH Office of State Planning, and in consultation with cooperating agencies, maintains a continuing program to identify and correct errors in these data. OSP, CSRC, and the cooperating agencies make no claim as to the validity or reliability or to any implied uses of these data.

STANDARD ORDER PROCESS
    DIGITAL FORM
        DIGITAL TRANSFER INFORMATION
            FORMAT NAME .mdb (personal geodatabase), and .shp (ESRI shapefile)
            TRANSFER SIZE 13.9 Mb (.mdb) and 14.7 Mb (.shp)

        DIGITAL TRANSFER OPTION
            ONLINE OPTION
                COMPUTER CONTACT INFORMATION
                    NETWORK ADDRESS
                        NETWORK RESOURCE NAME <URL:http://www.granit.unh.edu>

    FEES No charge when downloaded from the internet. Cost of reproduction for provision on CD/ROM
    or other media.
    ORDERING INSTRUCTIONS

        Mail or fax a copy of the GRANIT "Data Request Form" from the GRANIT Data Catalog.
        Delivery Time: Two weeks

    TECHNICAL PREREQUISITES
    Ability to read/import geodatabases and/or shapefiles.

Metadata Reference

    METADATA DATE 2001-02-14
    METADATA REVIEW DATE 2013-04-15
    METADATA CONTACT
        CONTACT INFORMATION
            CONTACT ORGANIZATION PRIMARY
                CONTACT ORGANIZATION Complex Systems Research Center
                CONTACT PERSON GRANIT Database Manager
            CONTACT POSITION GRANIT Database Manager
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    METADATA STANDARD NAME FGDC CSDGM
    METADATA STANDARD VERSION FGDC-STD-001-1998