

# Natural Landscape Assessment: Natural Landscape Block (VA)



## Tags

Virginia Natural Landscape Assessment, VaNLA

## Summary

The VaNLA generates fundamental ecological data layer for land and natural resources conservation in Virginia.

## Description

The Virginia Natural Landscape Assessment (VaNLA), a component of the Virginia Conservation Lands Needs Assessment (VCLNA), is a landscape-scale GIS analysis for identifying, prioritizing, and linking natural habitats in Virginia. Using land cover data derived from satellite imagery, the VaNLA identifies un-fragmented natural habitats called cores, large patches of natural land cover (mainly upland forests and forested wetlands, but also included are marshes, beaches, and dunes) with at least 100 acres of interior conditions. Interior conditions begin 100 meters inward from patch edges. Cores are supported and buffered by Natural Landscape Blocks (NLB), which are formed by aggregating cores and adding adjacent natural land cover.

## Credits

There are no credits for this item.

## Use limitations

There are no access and use limitations for this item.

## Extent

West -84.078719 East -74.854837

North 40.373408 South 35.247151

## Scale Range

There is no scale range for this item.

## ArcGIS Metadata

### Topics and Keywords

\* CONTENT TYPE Downloadable Data

### Citation

\* TITLE natural\_landscape\_block\_NatSer\_VA

PRESENTATION FORMATS \* digital map

### Resource Details

DATASET LANGUAGES \* English

SPATIAL REPRESENTATION TYPE \* vector

\* PROCESSING ENVIRONMENT Microsoft Windows Server 2008 R2 Version 6.1 (Build 7600) ; ESRI ArcGIS 10.0.2.3200

## CREDITS

### ARCGIS ITEM PROPERTIES

- \* NAME natural\_landscape\_block\_NatSer\_VA
- \* SIZE 127.254
- \* LOCATION
  - \* ACCESS PROTOCOL Local Area Network

## Extents

### EXTENT

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

- \* WEST LONGITUDE -84.078719
- \* EAST LONGITUDE -74.854837
- \* NORTH LATITUDE 40.373408
- \* SOUTH LATITUDE 35.247151
- \* EXTENT CONTAINS THE RESOURCE Yes

### EXTENT IN THE ITEM'S COORDINATE SYSTEM

- \* WEST LONGITUDE 1057353.504484
- \* EAST LONGITUDE 1794141.336454
- \* SOUTH LATITUDE 1544262.458078
- \* NORTH LATITUDE 1998994.054955
- \* EXTENT CONTAINS THE RESOURCE Yes

## Resource Constraints

### CONSTRAINTS

#### LIMITATIONS OF USE

## Spatial Reference

### ARCGIS COORDINATE SYSTEM

- \* TYPE Projected
- \* GEOGRAPHIC COORDINATE REFERENCE GCS\_North\_American\_1983
- \* PROJECTION USA\_Contiguous\_Albers\_Equal\_Area\_Conic\_USGS\_version

#### \* COORDINATE

##### REFERENCE DETAILS

##### PROJECTED

##### COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102039  
X ORIGIN -18574245.732011393  
Y ORIGIN -8069234.3198432792  
XY SCALE 242464738.1297279  
Z ORIGIN -100000  
Z SCALE 10000  
M ORIGIN -100000  
M SCALE 10000  
XY TOLERANCE 0.001

Z TOLERANCE 0.001  
M TOLERANCE 0.001  
HIGH PRECISION true  
WELL-KNOWN TEXT  
PROJCS["USA\_Contiguous\_Albers\_Equal\_Area\_Conic\_USGS\_version",GEOGCS  
["GCS\_North\_American\_1983",DATUM["D\_North\_American\_1983",SPHEROID  
["GRS\_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532  
925199433]],PROJECTION  
["Albers"],PARAMETER["False\_Easting",0.0],PARAMETER["False\_Northing",0.0],PARAMETER["Ce  
ntral\_Meridian",-  
96.0],PARAMETER["Standard\_Parallel\_1",29.5],PARAMETER["Standard\_Parallel\_  
2",45.5],PARAMETER  
["Latitude\_Of\_Origin",23.0],UNIT["Meter",1.0],AUTHORITY["ESRI",102039]]

#### REFERENCE SYSTEM IDENTIFIER

- \* VALUE 102039
- \* CODESPACE ESRI
- \* VERSION 10.0.0

#### Spatial Data Properties

##### VECTOR

- \* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

##### GEOMETRIC OBJECTS

- FEATURE CLASS NAME nlbs\_20070110\_l83
- \* OBJECT TYPE compositegeoObjCnt
  - \* OBJECT COUNT 10754

#### ARCGIS FEATURE CLASS PROPERTIES

FEATURE CLASS NAME natural\_landscape\_block\_NatSer\_VA

- \* FEATURE TYPE Simple
- \* GEOMETRY TYPE Polygon
- \* HAS TOPOLOGY FALSE
- \* FEATURE COUNT 10754
- \* SPATIAL INDEX TRUE
- \* LINEAR REFERENCING FALSE

#### Distribution

##### DISTRIBUTOR

##### AVAILABLE FORMAT

- \* NAME Shapefile

##### TRANSFER OPTIONS

- \* TRANSFER SIZE 127.254

##### ONLINE SOURCE

- \* LOCATION
- \* ACCESS PROTOCOL Local Area Network
- \* DESCRIPTION Downloadable Data

##### DISTRIBUTION

##### FORMAT

- \* NAME File Geodatabase Feature Class

##### TRANSFER OPTIONS

- \* TRANSFER SIZE 127.254

#### Fields

## DETAILS FOR OBJECT natural\_landscape\_block\_NatSer\_VA

### \* TYPE Feature Class

#### \* ROW COUNT

10754

### FIELD OBJECTID

#### \* ALIAS OBJECTID

#### \* DATA TYPE OID

#### \* WIDTH 4

#### \* PRECISION 0

#### \* SCALE 0

#### \* FIELD DESCRIPTION

Internal feature number.

#### \* DESCRIPTION SOURCE

ESRI

#### \* DESCRIPTION OF VALUES Sequential unique whole numbers that are automatically generated.

### FIELD Shape

#### \* ALIAS Shape

#### \* DATA TYPE Geometry

#### \* WIDTH 0

#### \* PRECISION 0

#### \* SCALE 0

#### \* FIELD DESCRIPTION

Feature geometry.

#### \* DESCRIPTION SOURCE

ESRI

#### \* DESCRIPTION OF VALUES Coordinates defining the features.

### FIELD NLB\_ID

#### \* ALIAS NLB\_ID

#### \* DATA TYPE Integer

#### \* WIDTH 4

#### \* PRECISION 0

#### \* SCALE 0

#### FIELD DESCRIPTION

This field contains the unique numeric identifier for each NLB

### FIELD NLB\_TYPE

#### \* ALIAS NLB\_TYPE

#### \* DATA TYPE SmallInteger

#### \* WIDTH 2

#### \* PRECISION 0

#### \* SCALE 0

#### FIELD DESCRIPTION

This field identifies the type of VANLA Natural Landscape Block

#### LIST OF VALUES

#### VALUE 1

DESCRIPTION Large-core NLB

#### VALUE 2

DESCRIPTION Medium-core NLB

VALUE 3  
DESCRIPTION Small-core NLB

VALUE 4  
DESCRIPTION Habitat-fragment NLB

#### FIELD Shape\_Length

\* ALIAS Shape\_Length  
\* DATA TYPE Double  
\* WIDTH 8  
\* PRECISION 0  
\* SCALE 0  
\* FIELD DESCRIPTION  
Length of feature in internal units.

\* DESCRIPTION SOURCE  
ESRI

\* DESCRIPTION OF VALUES Positive real numbers that are automatically generated.

#### FIELD Shape\_Area

\* ALIAS Shape\_Area  
\* DATA TYPE Double  
\* WIDTH 8  
\* PRECISION 0  
\* SCALE 0  
\* FIELD DESCRIPTION  
Area of feature in internal units squared.

\* DESCRIPTION SOURCE  
ESRI

\* DESCRIPTION OF VALUES Positive real numbers that are automatically generated.

### Metadata Details

\* METADATA LANGUAGE English  
\* METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA \* dataset  
SCOPE NAME \* dataset

\* LAST UPDATE 2011-09-28

#### ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0  
METADATA STYLE FGDC CSDGM Metadata

CREATED IN ARCGIS FOR THE ITEM 2011-12-27 15:28:14  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2011-09-28 08:46:23

#### AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes  
LAST UPDATE 2011-09-28 08:46:23

### Thumbnail and Enclosures

THUMBNAIL  
THUMBNAIL TYPE JPG