ATLAS NC Economic Sites, December 2024 - NC Department of Transportation

File Geodatabase Feature Class



Tags

Economic Sites, Megasites, Transportation, NCDOT, Location, North Carolina, ATLAS

Summary

This dataset was originally created in November 2024 as part of the Project ATLAS initiative at NCDOT to support the EAU with project delivery in the development phase.

This layer contains certified sites and economic megasites across North Carolina. Certified sites are shovel ready for development and have undergone a prequalification process. These sites may be relevant to project teams during the project development process because

(1) infrastructure such as roads and utilities have been planned to and within the site,

(2) there is support from the State on these developments, additional funding may be available to support road improvements near the site, and

(3) traffic increases are anticipated related to the site, and projections are available.

Description

The NC Economic Sites layer is a polygon layer that lists certified sites and economic megasites across North Carolina which are sites focused on economic development that have met specific requirements established by the State.

North Carolina has an inventory of ready to build sites that are classified as either Certified Sites, Megasites or both. Certified Sites are a statewide inventory of industrial sites that have undergone a prequalification process to ensure they are "shovel ready" for immediate development and meet a consistent set of standards. North Carolina has six Megasites that offer manufacturers the opportunity to build in areas with the lowest corporate income tax in the United States. These locations have an abundance of skilled workers, along with convenient access to major markets, consumers and suppliers.

Datasets developed under Project ATLAS do not replace any NRTR work for future projects and may not be used as a replacement for site visits / field surveys by licensed professionals and hence should be used only as a supporting platform for decision making. Use of this dataset for project scoping or screening is merely predecisional.

Credits

The EAU within NCDOT were tasked to create this dataset. Support and maintenance of the enterprise spatial database where this data resides is handled by NCDIT's Transportation GIS Unit.

Use limitations

The North Carolina Department of Transportation shall not be held liable for any errors in this data. This includes errors of omission, commission, errors concerning the content of the data, and relative and positional accuracy of the data. This data cannot be construed to be a legal document. Primary sources from which this data was compiled must be consulted for verification of information contained in this data.

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Extent

Maximum (zoomed in) 1:5,000 Minimum (zoomed out) 1:625,000

ArcGIS Metadata 🕨

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE society, biota, utilitiesCommunication, location, planningCadastre, transportation, structure, environment

* CONTENT TYPE Downloadable Data EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION NO

PLACE KEYWORDS North Carolina

 THESAURUS
 TITLE

 TITLE
 User

 CREATION DATE
 2024-12-03
 00:00:00

 PUBLICATION DATE
 2024-12-12
 00:00:00

Hide Thesaurus 🔺

THEME KEYWORDS Economic Sites, Megasites, Transportation, NCDOT, Location, North Carolina, ATLAS

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Hide Thesaurus 🔺

Hide Topics and Keywords

Citation **>**

TITLE ATLAS NC Economic Sites, December 2024 - NC Department of Transportation CREATION DATE 2024-12-03 00:00:00 PUBLICATION DATE 2024-12-12 00:00:00

PRESENTATION FORMATS digital map

Hide Citation **A**

Citation Contacts

RESPONSIBLE PARTY

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit CONTACT'S POSITION Environmental Program Consultant CONTACT'S ROLE point of contact

CONTACT INFORMATION PHONE VOICE 919-707-6146

Address Type Delivery point Century Center Building B, 1020 Birch Ridge Drive City Raleigh Administrative area NC Postal code 27610 Country US E-MAIL Address ATLAS@ncdot.gov

HOURS OF SERVICE 9:00am – 5:00pm Monday - Friday

CONTACT INSTRUCTIONS

Please send an email with any issues, questions or comments regarding the ATLAS Data Search Tool, ATLAS Screening Tool or ATLAS Workbench. If it is an immediate need, please call the contact number or indicate as such in the subject line in an email.

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Hide Contact information

Hide Citation Contacts

Resource Details ►

DATASET LANGUAGES English (UNITED STATES) DATASET CHARACTER SET Utf8 - 8 bit UCS Transfer Format

STATUS completed SPATIAL REPRESENTATION TYPE vector

* PROCESSING ENVIRONMENT Version 6.2 (Build 9200); Esri ArcGIS 10.8.1.14362

CREDITS

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Hide Resource Details

Extents 🕨

```
EXTENT
GEOGRAPHIC EXTENT
BOUNDING RECTANGLE
WEST LONGITUDE -80.845807
EAST LONGITUDE -77.750574
SOUTH LATITUDE 34.089653
NORTH LATITUDE 35.141253
EXTENT CONTAINS THE RESOURCE YES
TEMPORAL EXTENT
BEGINNING DATE 2024-12-03 00:00:00
ENDING DATE 2024-12-03 00:00:00
EXTENT
GEOGRAPHIC EXTENT
```

BOUNDING RECTANGLE EXTENT TYPE Extent used for searching

- * WEST LONGITUDE -82.602372
- * EAST LONGITUDE -77.622503
- * NORTH LATITUDE 36.497287
- * SOUTH LATITUDE 34.236341
- * EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

- * WEST LONGITUDE 940524.659069
- * EAST LONGITUDE 2404976.661918
- * SOUTH LATITUDE 195718.669452
- * NORTH LATITUDE 999942.098404
- * EXTENT CONTAINS THE RESOURCE Yes

Hide Extents

Resource Points of Contact ►

POINT OF CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit CONTACT'S POSITION Environmental Program Consultant CONTACT'S ROLE originator

CONTACT INFORMATION

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Hide Contact information \blacktriangle

Hide Resource Points of Contact

Resource Maintenance 🕨

RESOURCE MAINTENANCE UPDATE FREQUENCY not planned

SCOPE OF THE UPDATES dataset

OTHER MAINTENANCE REQUIREMENTS

Updates are not planned unless the US 74 Resiliency Study is re-evaluated with new data. Support and maintenance of the enterprise spatial database where this data resides is handled by NCDIT's Transportation GIS Unit.

Resource Constraints >

LEGAL CONSTRAINTS

LIMITATIONS OF USE

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SECURITY CONSTRAINTS

CLASSIFICATION UNCLASSIFIED

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Hide Resource Constraints

Spatial Reference •

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * PROJECTION NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet
- * COORDINATE REFERENCE DETAILS

HIGH PRECISION true LATEST WELL-KNOWN IDENTIFIER 2264 WELL-KNOWN TEXT PROJCS["NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet",GEOGCS["GCS_North_American_19 83",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],P ARAMETER["False_Easting",2000000.002616666],PARAMETER["False_Northing",0.0],PARAMETER["Cen tral_Meridian",-79.0],PARAMETER["Standard_Parallel_1",34.3333333333333333333334],PARAMETER["Standard_Parallel_2",36. 166666666666666666],PARAMETER["Latitude_Of_Origin",33.75],UNIT["Foot_US",0.3048006096012192],A UTHORITY["EPSG",2264]]

REFERENCE SYSTEM IDENTIFIER

- VALUE 2264
- * CODESPACE EPSG
- * VERSION 6.12(9.0.0)

Hide Spatial Reference

Spatial Data Properties

VECTOR **>** * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only GEOMETRIC OBJECTS FEATURE CLASS NAME NCEcoSites * OBJECT TYPE composite * OBJECT COUNT 57 Hide Vector ARCGIS FEATURE CLASS PROPERTIES FEATURE CLASS NAME NCECoSites * FEATURE TYPE Simple * GEOMETRY TYPE Polygon * HAS TOPOLOGY FALSE * FEATURE COUNT 57 * SPATIAL INDEX TRUE * LINEAR REFERENCING FALSE Hide ArcGIS Feature Class Properties Hide Spatial Data Properties Data Quality SCOPE OF QUALITY INFORMATION

RESOURCE LEVEL dataset

Hide Scope of quality information ▲

DATA QUALITY REPORT - COMPLETENESS OMISSION MEASURE DESCRIPTION

After processing, the dataset is checked for drawing display and number of records and file sizes compared with source materials.

CONFORMANCE TEST RESULTS TEST PASSED Yes RESULT EXPLANATION Pass

PRODUCT SPECIFICATION TITLE NCDOT Geospatial Data Specifications CREATION DATE 2024-12-03 00:00:00 PUBLICATION DATE 2024-12-12 00:00:00

Hide Product specification **A**

Hide Data quality report - Completeness omission

DATA QUALITY REPORT - CONCEPTUAL CONSISTENCY

MEASURE DESCRIPTION

The dataset is converted to file geodatabase (FGDB) format using tools in ArcGIS. The geometry is checked, and if needed repaired

CONFORMANCE TEST RESULTS TEST PASSED Yes RESULT EXPLANATION Pass

PRODUCT SPECIFICATION TITLE NCDOT Geospatial Data Specifications CREATION DATE 2024-12-03 00:00:00 PUBLICATION DATE 2024-12-12 00:00:00

Hide Product specification

Hide Data quality report - Conceptual consistency

DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY MEASURE DESCRIPTION

The Atlas business team checked for overlaps and added a qualitative field of acreage

CONFORMANCE TEST RESULTS TEST PASSED Yes RESULT EXPLANATION Pass PRODUCT SPECIFICATION TITLE NCDOT Geospatial Data Specifications CREATION DATE 2024-12-03 00:00:00 PUBLICATION DATE 2024-12-12 00:00:00

Hide Product specification **A**

Hide Data quality report - Quantitative attribute accuracy

Hide Data Quality 🔺

Lineage **>**

LINEAGE STATEMENT

This layer was digitized from approximate boundaries on the EDPNC Website

PROCESS STEP

DESCRIPTION

Data was reviewed in ESRI's Data Reviewer tool to verify geometry.

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit CONTACT'S POSITION Environmental Program Consultant CONTACT'S ROLE originator

CONTACT INFORMATION PHONE VOICE 919-707-6146

Address Delivery point Century Center Building B, 1020 Birch Ridge Drive City Raleigh Administrative area NC Postal code 27610 Country US E-MAIL Address ATLAS@ncdot.gov

HOURS OF SERVICE 9:00am – 5:00pm Monday - Friday

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Hide Contact information 🔺

Hide Process step ▲

DESCRIPTION

Geodatabase was forwarded on to the GIS Unit for publishing as part of data for project ATLAS.

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit CONTACT'S POSITION Environmental Program Consultant CONTACT'S ROLE originator

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Hide Contact information **A**

Hide Process step

Hide Lineage 🔺

Distribution **>**

DISTRIBUTOR CONTACT INFORMATION ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit CONTACT'S POSITION Environmental Program Consultant CONTACT'S ROLE distributor

```
CONTACT INFORMATION PHONE

PHONE

VOICE 919-707-6146

ADDRESS

TYPE

DELIVERY POINT Century Center Building B, 1020 Birch Ridge Drive

CITY Raleigh

ADMINISTRATIVE AREA NC

POSTAL CODE 27610

COUNTRY US

E-MAIL ADDRESS ATLAS@ncdot.gov
```

HOURS OF SERVICE

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Hide Contact information **A**

Hide Distributor

DISTRIBUTION FORMAT * NAME File Geodatabase Feature Class VERSION 10.5

Hide Distribution

Fields ►

DETAILS FOR OBJECT NCEcoSites ► * TYPE Feature Class * Row COUNT 57 DEFINITION Megasites and NC Certified Sites in North Carolina

DEFINITION SOURCE

FIELD OBJECTID ►

- * ALIAS FID
- * 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.

Hide Field OBJECTID ▲

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.

Hide Field Shape

FIELD Name ► * ALIAS Name * DATA TYPE String * WIDTH 254 * PRECISION 0 * SCALE 0

FIELD DESCRIPTION Name of Site

DESCRIPTION SOURCE

Hide Field Name

FIELD SiteType ►

- * ALIAS SiteType
- * DATA TYPE String
- * WIDTH 254
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION Type of Site

DESCRIPTION SOURCE

Hide Field SiteType

FIELD AreaCalc ►

- * ALIAS AreaCalc
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Area of Site calculated in acres.

DESCRIPTION SOURCE

Hide Field AreaCalc ▲

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.

Hide Field Shape_Length 🔺

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.

Hide Field Shape_Area

FIELD test 🕨

- * ALIAS test
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

Hide Field test

Hide Details for object NCEcoSites

Hide Fields 🔺

Metadata Details 🕨

METADATA LANGUAGE English (UNITED STATES) METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset SCOPE NAME * dataset

* LAST UPDATE 2025-01-13

ARCGIS METADATA PROPERTIES METADATA FORMAT ArcGIS 1.0 STANDARD OR PROFILE USED TO EDIT METADATA ISO19139 METADATA STYLE ISO 19139 Metadata Implementation Specification

CREATED IN ARCGIS FOR THE ITEM 2024-12-12 09:05:05 LAST MODIFIED IN ARCGIS FOR THE ITEM 2025-01-13 65:63:20

AUTOMATIC UPDATES HAVE BEEN PERFORMED Yes LAST UPDATE 2025-01-11 20:11:59

Hide Metadata Details

Metadata Contacts <

METADATA CONTACT ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit CONTACT'S POSITION Environmental Program Consultant CONTACT'S ROLE point of contact

CONTACT INFORMATION PHONE VOICE 919-707-6146

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Metadata Maintenance

MAINTENANCE UPDATE FREQUENCY not planned

OTHER MAINTENANCE REQUIREMENTS

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MAINTENANCE CONTACT

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Hide Metadata Maintenance 🔺

Metadata Constraints >

SECURITY CONSTRAINTS CLASSIFICATION Unclassified CLASSIFICATION SYSTEM None

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