NJGIN 3.0 Project

Brian R. Embley

Edith Konopka

NJ Office of GIS, NJOIT

https://njgin.nj.gov

LAUNCH EXPLORER

Home

About NJGIN

Browse Data ⊞

Data Downloads

Job Postings ⊞

Address and Geocoding

Metadata ⊞

NJ Geospatial Forum

Orthoimagery-LiDAR ⊞

Road Centerlines Data

NJ Office of GIS Open Data

Regional Data Portals ⊞

Resources ⊞

User Directory

Contact Us

Metadata SpotLight

NJ Economic Opportunity Act of 2014 Boundaries

New Jersey College and University Boundaries by Parcel

Critical Environmental and Historic Site Boundaries of...

News And Events   Archives

Local Government Joint Constituency Group Meeting, Feb 22

Change to web service for 1977 Tidelands imagery

NJ MODIV database tables updated for tax year 2016 now available

Open Space and Preservation Resources Inventory (OSPRI) in PAD - US schema available for New Jersey

Esri software is available to state agencies and cooperative purchasing participants through the M7003 contract

Parcels data updated November 01, 2017

Municipal, county and state boundaries data for New Jersey updated as of July 2016

Quick Search

Choose content type:

<All Content Types> ▼ ?

Choose content theme:

<All Content Themes> ▼ ?

Optional Keyword (e.g. river):

Start Search   [**Full Search**] ?

GIS Events Calendar

◀◀ ◀ **FEBRUARY 2018** ▶ ▶▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	**20**	21	22	23	24
25	26	27	28			

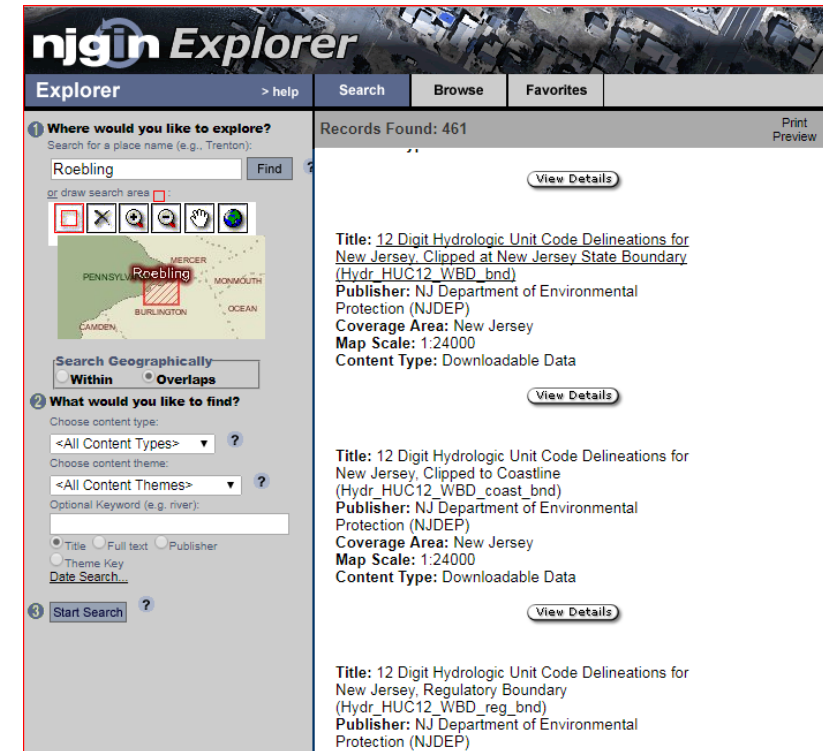**Login**   **Register**

NGF - New Jersey Geospatial Forum

NJGIN Metadata Records

Current State

- 1085 Md records in NJGIN

- 891 State Owned (NJDEP, NJOIT, Pinelands, Highlands, SmartGrowth, etc)

- 104 County Owned

Vintage of County Owned

1	2003
3	2005
2	2006
91	2008
5	2009
1	2010
1	2011

NJGIN Portal 3.0 - Goals

Future State

- Content and documentation together

- Simplified Search Experience

- Easier to share content
  - Technology
  - Documentation

- Publisher controls content

- Partner Integration
  - Publishers
  - Downstream

Open Data Site

https://njogis-newjersey.opendata.arcgis.com

- Currently ~240 items
- 10,000 searches per month
- Services, data files, zip files, documents, apps, web maps
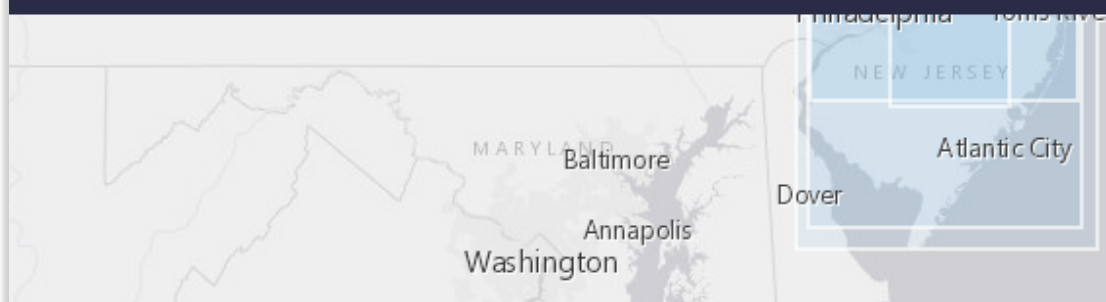- Data Download
- Supports FGDC CSDGM Md record

Federated Search

Technical Architecture

Highlands Council AGO

Sussex County AGO
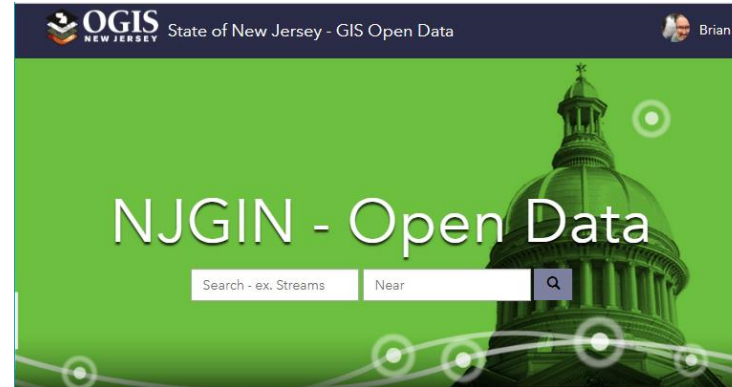
Office of GIS AGO

Authoritative content managed by authoritative data stewards

MARYLAND Baltimore

Atlantic City

Dover

Annapolis
Washington

Esri, HERE, Garmin, NGA, USGS, NPS | Esri, HEI

Filter By

1 - 10 of 24 results ›

Relevance ▼

Tags

Njhwppc (8)
Boundaries (6)
New Jersey (6)
New Jersey Highlands (6)
Boundary (5)

More ❤

Source

New Jersey Office of GIS (18)
County of Burlington, New Jersey (2)
County of Sussex (2)
Somerset County GIS: Partnering for Success (2)

Content Type

Parcels
Shared by SomersetAdmin

Dataset contains tax parcels within Somerset County, New Jersey USA. The data include information extracted from hardcopy paper tax maps, subdivision plats, digital files and tax information included with MOD4 tax assessor data. It is the most

🔒 Custom License   📅 5/2/2017   📄 Spatial Dataset   ☰ 132,182 Rows

Parcel Boundary
Shared by drickert_burlconj

Shows the forest fire risk levels for Burlington County, NJ.

🔒 No license specified   📅 6/12/2018   📄 Spatial Dataset   ☰ 237,101 Rows
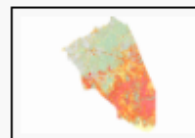
New Jersey Composite Parcels (Download)
Shared by NJOGIS

The parcel layer provided in this download is a composite of tax parcel polygons, edgematched across most municipal boundaries. It serves as one of the statewide framework GIS data sets for New Jersey. It is compatible with the New Jersey

NJGIN 3.0

Effort Underway

- Integrate Open Data app into NJGIN website

- NJGIN website refresh

How to Participate

Public Content

- 2 Steps:
  - Publish content
  - Document content

- OGIS curating available public content via AGO

- Proactive: email Brian Embley, brian.embley@tech.nj.gov
  - Have AGO - Include URL of your AGO Org
  - No AGO? No problem.

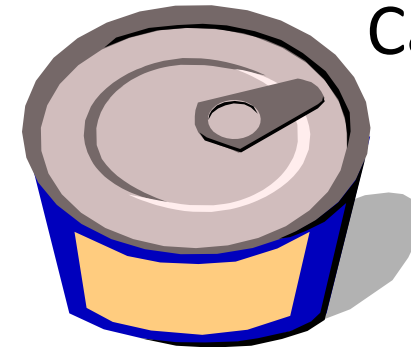# Documenting and Cataloging Data (and services, maps, …)

Why do we care?

- Effective search
- Understand valid uses
- Enable cost-effective sharing, distribution
- Provide legal protection
- Preserve data value over time

Which one would you eat?
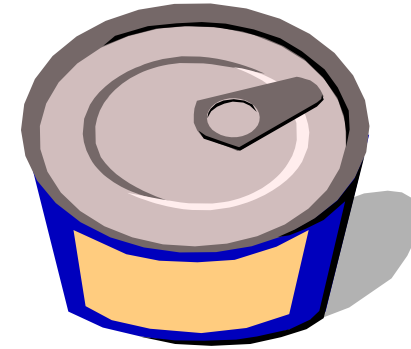
Tuna?

Cat food?

Metadata for OGIS AGO – now

- ArcGIS Metadata version 1.0
  - Not formally endorsed
  - Required for AGO upload
- FGDC-CSDGM Metadata *Style*
  - Search on Esri Open Data site uses *Style*
  - AGO/Open Data *Stylesheet* displays in classic format
  - ArcGIS Editor *Style* determines some of interface, elements produced and used.

Providing metadata for your AGO item

1. Enable metadata for your site, set style to FGDC CSDGM (Organization>Edit Settings>Items)

2. Configure ArcCatalog Options for Metadata (10.3.1 or later)

3. Create metadata for item, using ArcCatalog

   Xml files -> exact copy, stylesheets, html, AGO, REST content, JSON, Export FGDC CSDGM

4. Upload metadata to AGO 😜

(OR AGO editor)

Paths to Metadata file for AGO Item

- Have ArcGIS metadata?
  - Check, clean up and export
- Have existing FGDC CSDGM metadata?
  - Use "Transitioning" workflow
- Have information about data/service but no metadata?
  - ArcCatalog "From Scratch" workflow
  - Or edit in AGO (bugs)

What if we don't use AGO?

1. Create documentation
   - ArcGIS, FGDC CDSGM *style* (ArcCatalog) **OR**
   - FGDC CSDGM (several free tools) **OR**
   - Answer questions
2. Contact OGIS for assistance in setting up Org **OR**

   Contact OGIS for assistance in creating Item, posting metadata, on OGIS site

Metadata for OGIS AGO - future

- ArcGIS Metadata, ISO-19115-x *style*
- Only well after Pro has full metadata functionality (2019???)
  - Edit ISO *style* metadata in Pro, ArcCatalog or AGO for updates
- Issues
  - Change AGO style
  - Change ArcCatalog style (viewing, upgrading)
  - Update a few elements (new locations, same info)
  - Add a few elements (best practice)

Help documents – now

- MD_Transitioning_FGDC_to_ArcGIS_AGO.pdf

  Transitioning help doc for ArcCatalog editor, with checklists

- MD_ArcGIS_from_scratch_for_AGO.pdf

  Metadata from scratch help doc for ArcCatalog editor, with checklists

- MD_TwentyQuestions.doc and .pdf

  Gathering information for metadata help doc

Coming soon: Guidance for bare bones
metadata using ArcGIS Online editor

Future documentation support

- Training

- Online help documents – new help page coming soon

- One on one site visits

- Online validation for cataloging (far in future…)

- What would you find helpful?

Contact

Brian R. Embley

Brian.Embley@tech.nj.gov

Edith H. Konopka

Edith.Konopka@tech.nj.gov