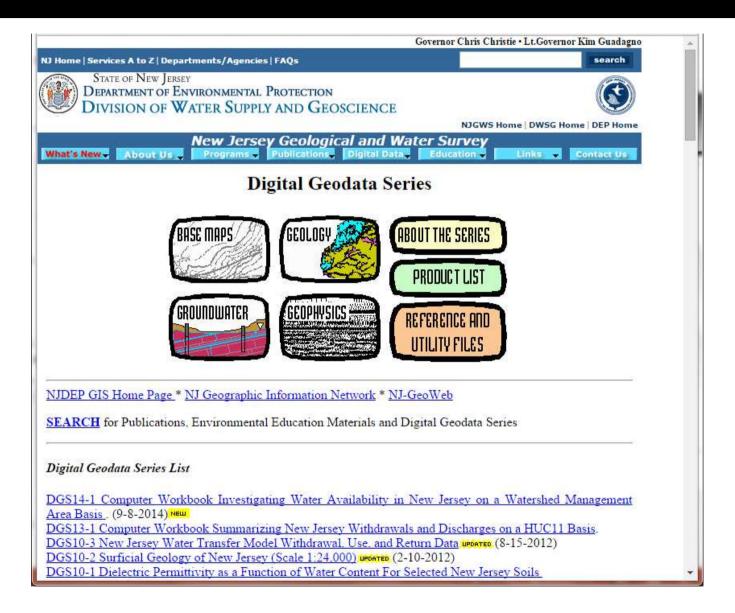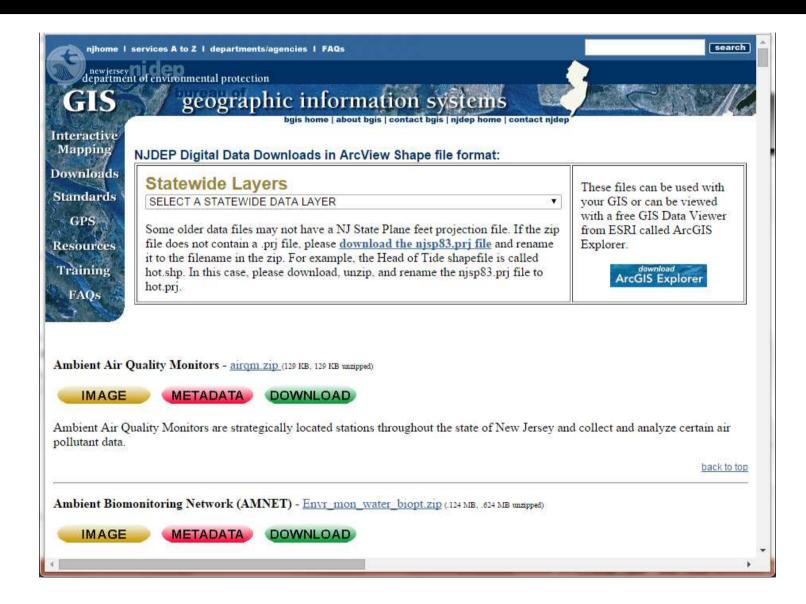# New Jersey Open Data & GIS Applications
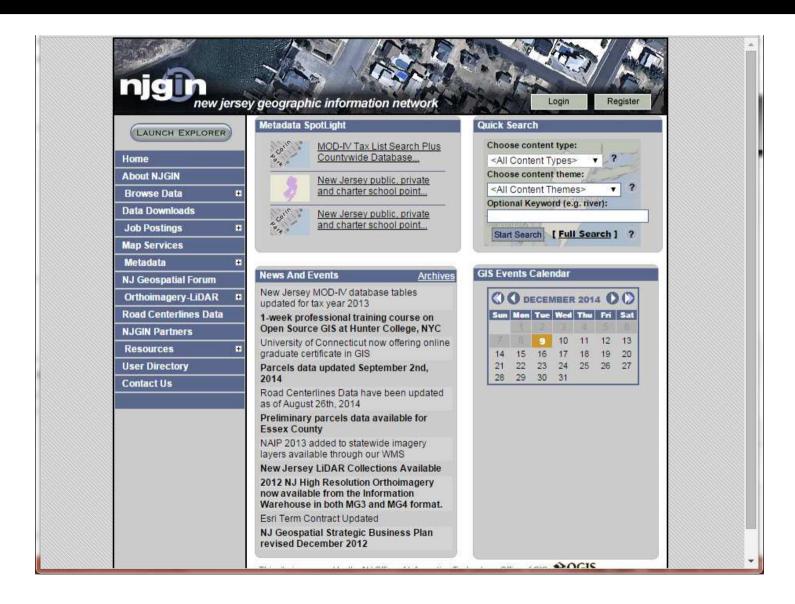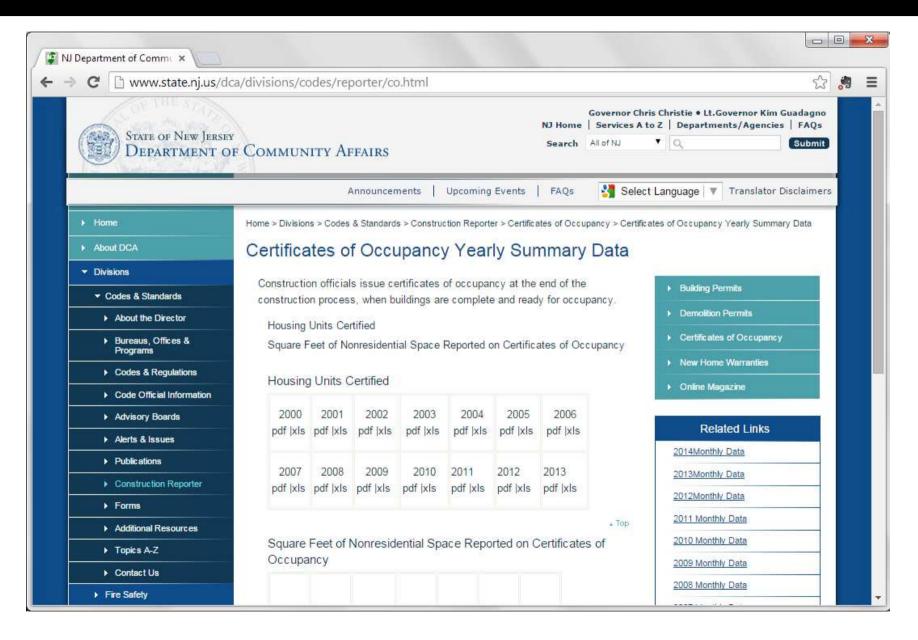
A new paradigm for GIS data sharing in New Jersey

A little history…

A little history…

A little history…

A little history…

The past few years…

The past few years…

Transparency vs. Open Data

Streamline Data Movement

Partner Agency

Federal Agency

NJ OGIS

Geodata Services to Facilitate Replication & Synchronization

Streamline Data Movement

Automated processes & ETL to feed ArcGIS Server services

Some of the tools – *esri2open*

ArcGIS Toolbox converts data to:

- CSV

- JSON

- GeoJSON

https://github.com/project-open-data/esri2open

Some of the tools -*topojson.py*

Python script converts data to:

• TopoJSON

https://github.com/calvinmetcalf/topojson.py

https://github.com/NJOGIS/open-data

That worked…
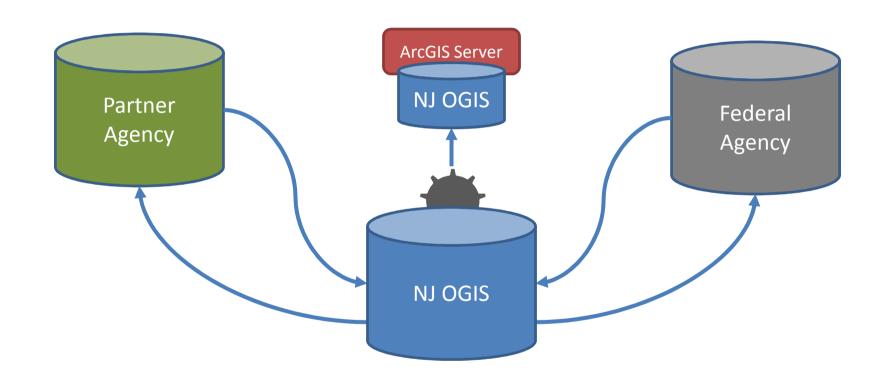
…but introduced a disconnected data store

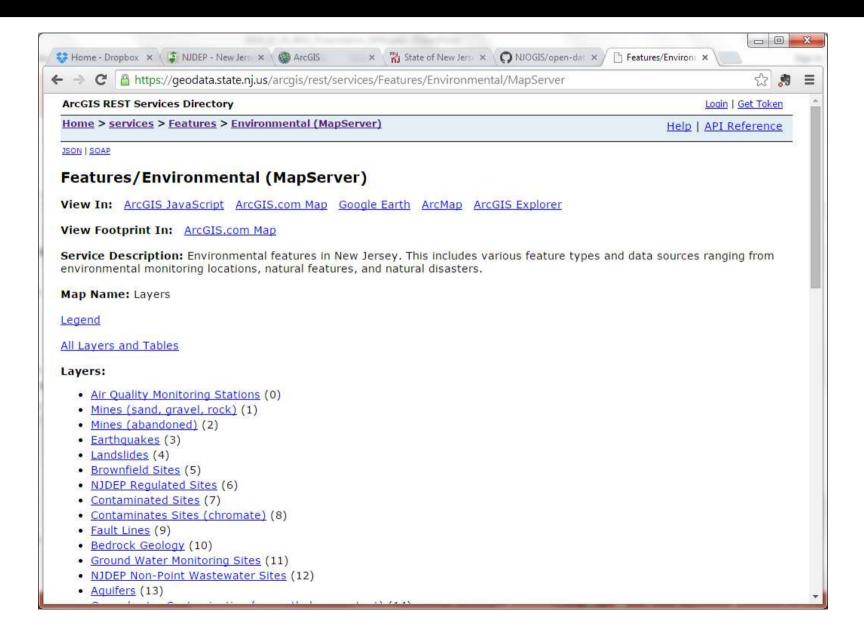# Streamline Data Movement

Partner Agency

ArcGIS Server

NJ OGIS

Federal Agency

NJ OGIS

Automated processes & ETL to feed ArcGIS Server services

Now what...

http://newjersey.maps.arcgis.com

New Jersey Office of GIS Open Data

Search for open data   SEARCH WITHIN MAP   SEARCH   SHARE

New Jersey Office of GIS - Open Data

The mission of the Office of GIS is to promote the use of GIS technology among state agencies and to provide statewide leadership in the development of New Jersey's spatial data infrastructure. The Open Data site provides other data options directly from the State's services.

For other data access options, go to the New Jersey's ArcGIS Online Organization of for a complete data listing for New Jersey, please go to NJGIN

http://njogis.newjersey.opendata.arcgis.com

Next steps – NJGIN Revamp

- Publish metadata
- Federated data discovery
- Data downloads & service access

Next steps – NJ Open Data Site

Sean McGinnis
NJ Office of GIS
e: sean.mcginnis@oit.state.nj.us
t: @seankmcginnis
w: http://njgin.state.nj.us
g: https://github.com/seankmcginnis