August 23, 2018

DEQ's Special Achievement in GIS (SAG) Award

NORTH CAROLINA
Department of Environmental Quality

What They Said We Did

The NC Department of Environmental Quality is focused on constituent engagement, transparency in government, and promoting access to data and information.

- DEQ accomplished this by making a commitment to open data through a robust open data site that utilizes maps and apps as well as access to data sets.

- This public platform is marketed to citizens, groups and partner organizations for exploring and downloading open data, discovering apps, and engaging to solve data issues.

- They also have used ArcGIS Online to create excellent applications such as NC Surface Water Classifications, NC Beach and Waterfront Access and an Artificial Reef Interactive Map among others.

What We Did

What the Issue was…..

DEQ needed to make environmental data more accessible and understandable in a way that:

- Gets data into the hands of the public, but also allows users with little knowledge of the subject matter to understand what the data is saying;

- Enables sharing of information and maps with staff that have no GIS experience; and

- Increases the ability to share GIS data across divisions to ensure consistent and accurate data are being used internally and externally.

What We Did

A team of staff representing 10 Divisions from DEQ determined the we could best solve this issue through ArcGIS Online and an Open Data site.

The team worked together to build a DEQ ArcGIS Online (DEQ AGOL) Organization and Open Data page.

• DEQ AGOL site is public but is used more as an internal landing page for staff to manage, build and share their data, maps and applications.

• Open Data page is designed for public access to the data and tools that are published via the AGOL site.

Demos

AGOL Page
- https://ncdenr.maps.arcgis.com/home/index.html

Open Data Page
- https://data-ncdenr.opendata.arcgis.com/

Questions?

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