

# Organizing & Sharing Geospatial Information

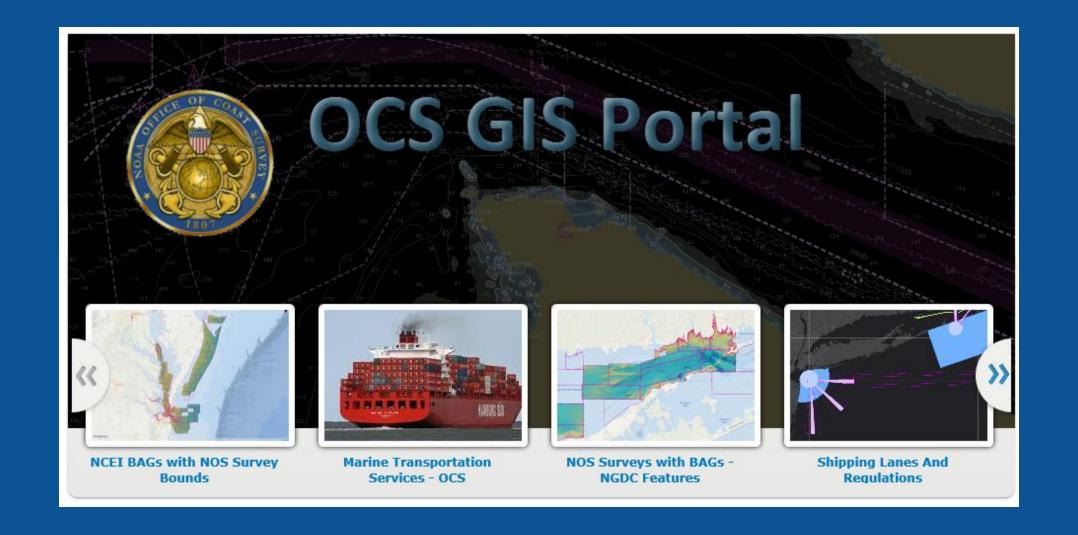
Kurt Nelson & Neil Weston - Coast Survey Development Laboratory Patrick Keown — Hydrographic Services Division



#### Presentation Overview

- The Platforms
  - OCS GIS Portal
  - NOAA Geoplatform
- Capabilities
- Key Content (examples)
- Outcomes







# **Getting Started**

#### **Get started! Click the Links to Find Out More...**



Portal 101 ArcUser Article



Create a Map



Getting Familiar with the Portal



Sharing your Map with OCS



What Can I Add to the Portal?

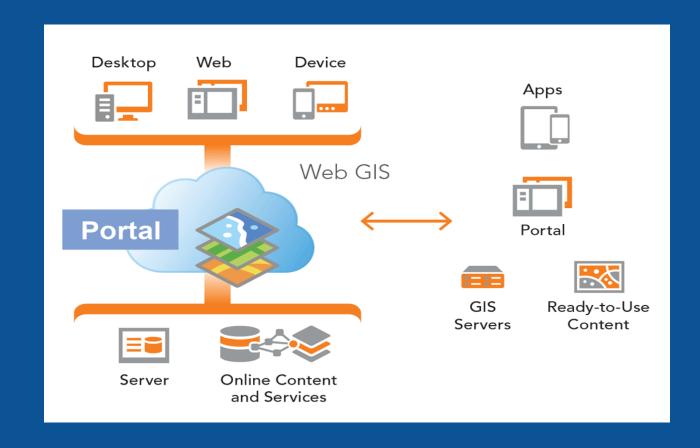


What are Hosted Services?



# Capabilities

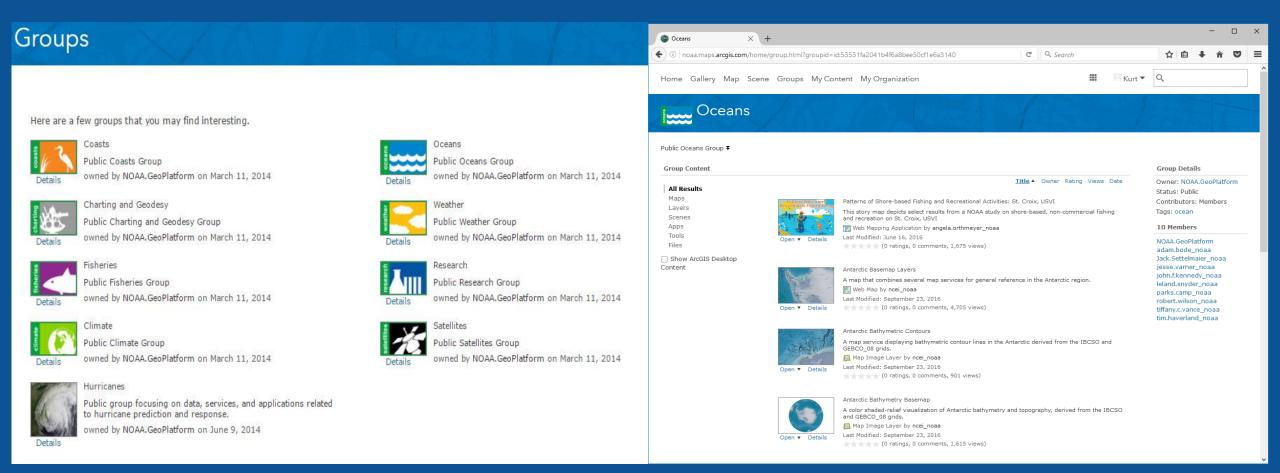
- Configure Portal to Meet
   Organization Requirements
- Manage Access through User Accounts
- Leverage ArcGIS Server
- Store Feature Data
- Create and Share Content
- View and Edit Content



Web GIS Concept Diagram

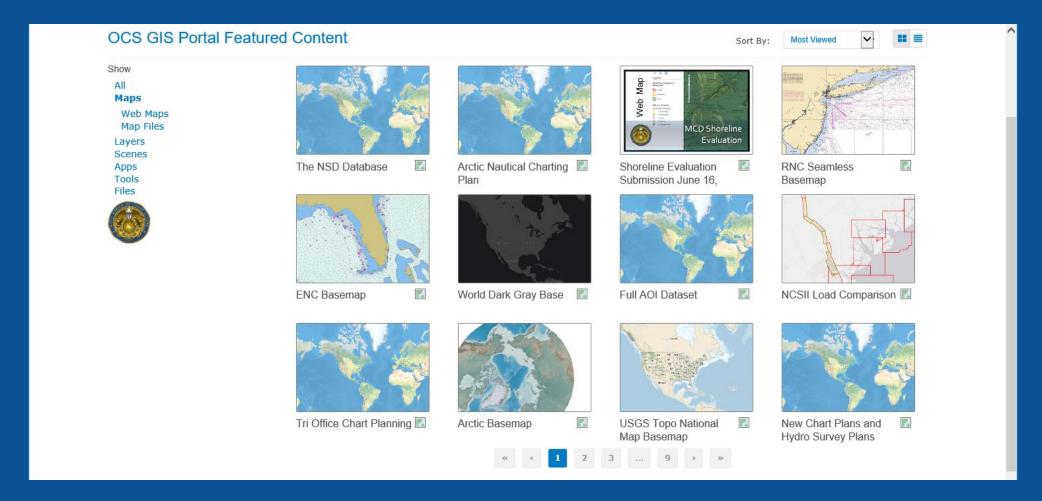


### **Setting Groups**



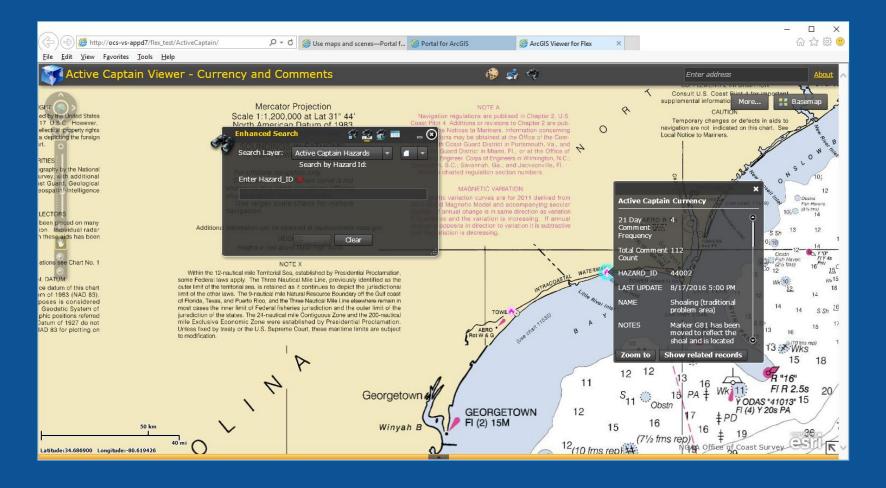


# Single Location to Search Featured Content



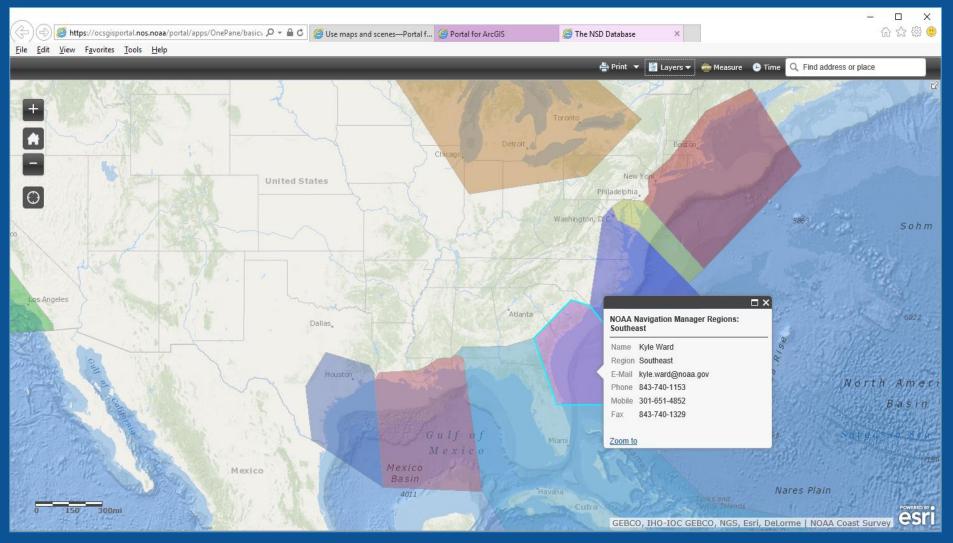


# Active Captain Application Crowdsource Hazard Reporting



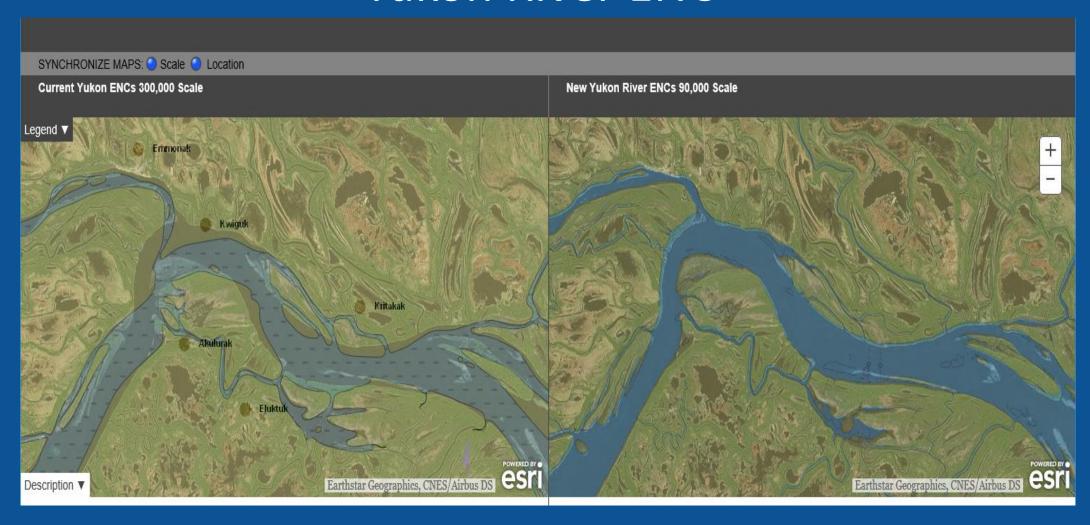


# Navigation Manager Area of Responsibility





#### Yukon River ENC



300,000 vs 90,000 Scale Chart





# Welcome to NOAA GeoPlatform

Providing geospatial data, maps, and analytics in support of NOAA's mission

#### **Features**



2015-2016 Strong El Niño Event Recap by the NWS Los



April 27, 2011: A Day Alabama Will Never Forget

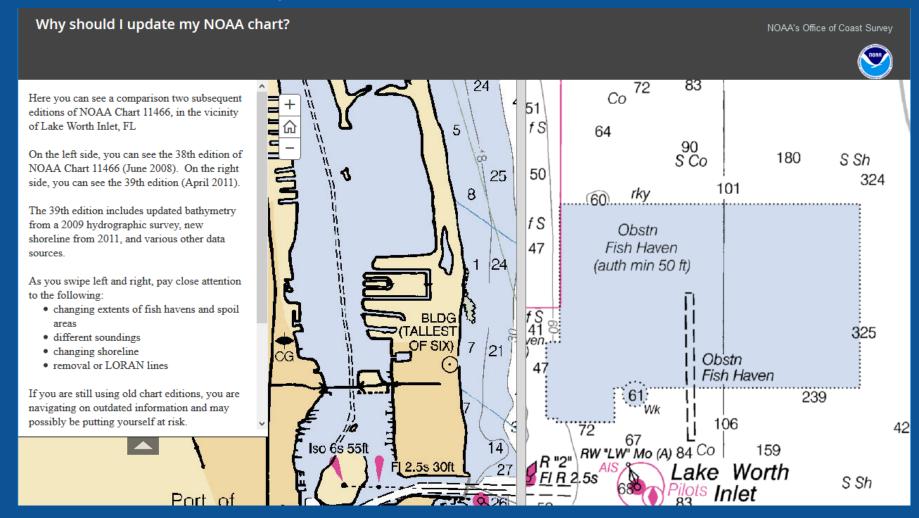


Fish Passage at Northwest Hydroelectric Proje



Growth Rings: Patterns of Urban Development

# Chart Comparison - NOAA Chart 11466

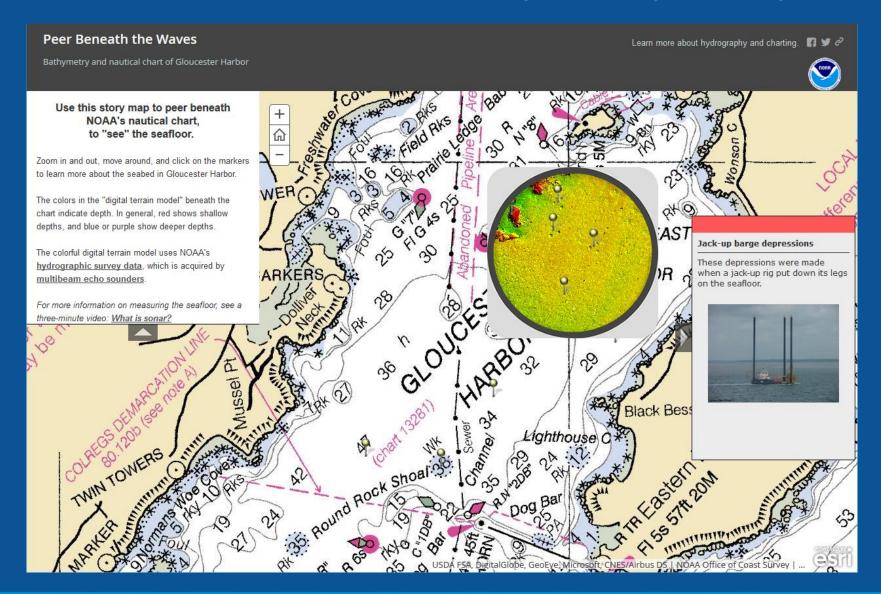


38th Ed (June 2008)

39<sup>th</sup> Ed (April 2011)

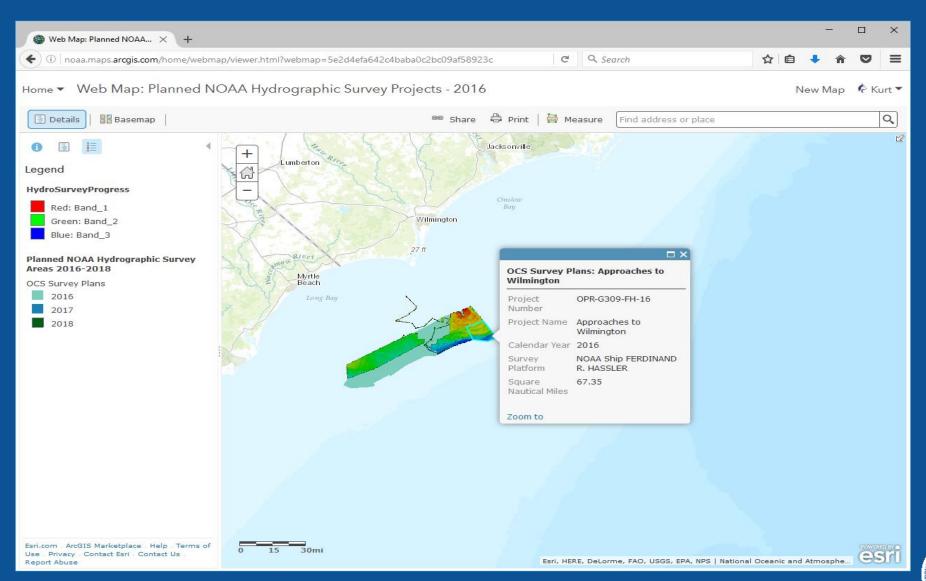


# Gloucester Harbor Bathymetry Story Map



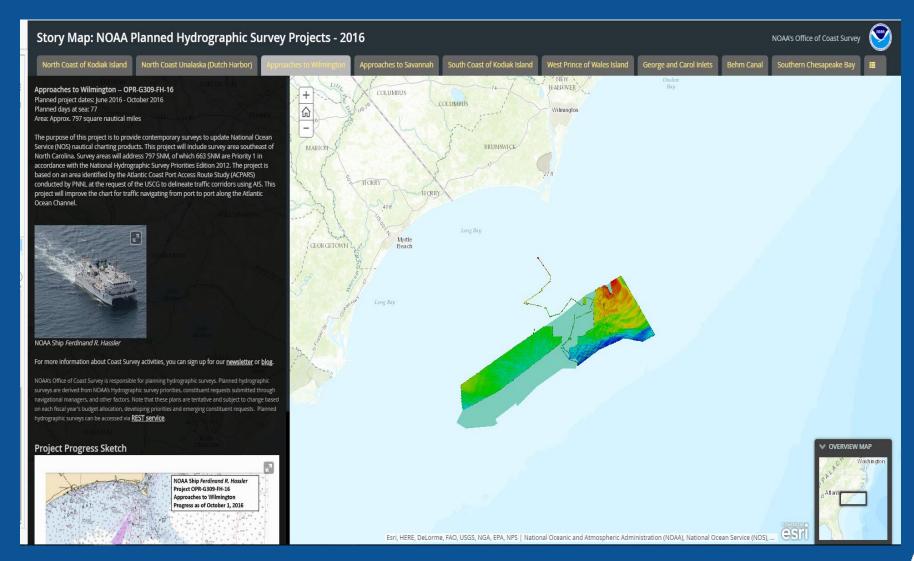


## NOAA Hydrographic Survey Projects





# NOAA Hydrographic Survey Projects





#### Outcomes

- Improved effectiveness of geospatial activities across the organization
- Supports collaboration by sharing geospatial resources
- Reduced duplication of effort
- Reduced time spent looking for authoritative data sources
- Made it easier to get NOAA data and stories out to the public.



#### **Contact Information**

Geospatial Application Development Branch (GADB)
Coast Survey Development Laboratory
Office of Coast Survey, National Ocean Service

1315 East West Hwy Silver Spring, MD 20910

Branch Chief, Kurt A Nelson <a href="mailto:kurt.a.nelson@noaa.gov">kurt.a.nelson@noaa.gov</a> (301) 713-2645 x142

