

ArcGIS 10 and REST Services Technology

Presented by:

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Indiana Geological Survey

IMCC Benchmarking Workshop on Mine Mapping

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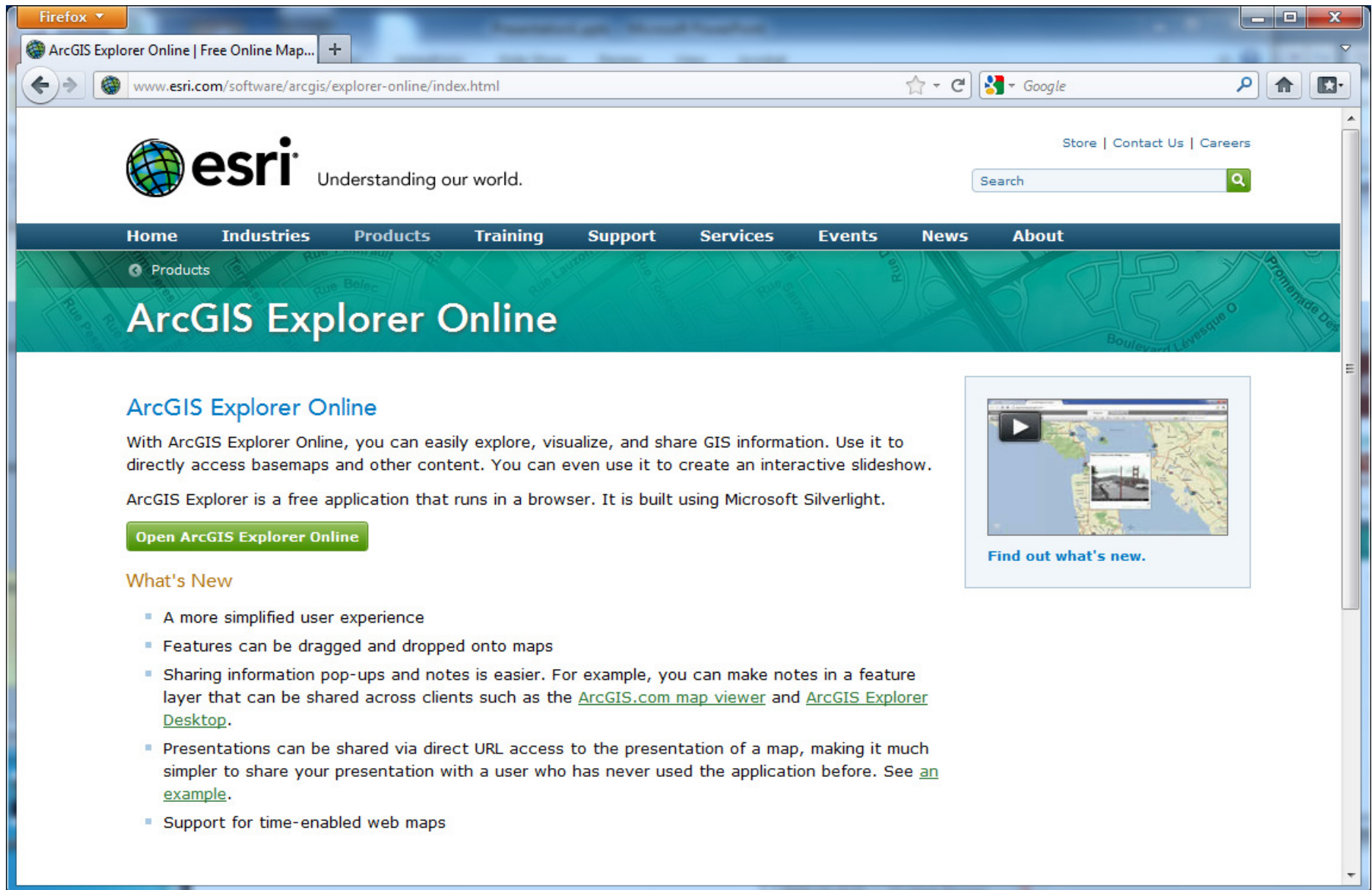


ArcGIS Explorer Online

ArcGIS Explorer Online Demo

ArcGIS Explorer Online

<http://www.esri.com/software/arcgis/explorer-online/index.html>



The screenshot shows a Firefox browser window displaying the ArcGIS Explorer Online website. The browser's address bar shows the URL www.esri.com/software/arcgis/explorer-online/index.html. The website header features the Esri logo with the tagline "Understanding our world." and navigation links for "Store", "Contact Us", and "Careers". A search bar is also present. Below the header is a dark blue navigation bar with links for "Home", "Industries", "Products", "Training", "Support", "Services", "Events", "News", and "About". The main content area has a green background with a map overlay and the text "ArcGIS Explorer Online".

ArcGIS Explorer Online


With ArcGIS Explorer Online, you can easily explore, visualize, and share GIS information. Use it to directly access basemaps and other content. You can even use it to create an interactive slideshow.

ArcGIS Explorer is a free application that runs in a browser. It is built using Microsoft Silverlight.

[Open ArcGIS Explorer Online](#)

What's New

- A more simplified user experience
- Features can be dragged and dropped onto maps
- Sharing information pop-ups and notes is easier. For example, you can make notes in a feature layer that can be shared across clients such as the [ArcGIS.com map viewer](#) and [ArcGIS Explorer Desktop](#).
- Presentations can be shared via direct URL access to the presentation of a map, making it much simpler to share your presentation with a user who has never used the application before. See [an example](#).
- Support for time-enabled web maps



Find out what's new.

ArcGIS Explorer

<http://explorer.arcgis.com/>

The screenshot shows the ArcGIS Explorer Online web application interface. The browser window title is "ArcGIS - Indiana Coal Mines By Coal ...". The address bar shows "explorer.arcgis.com". The page header includes "ArcGIS Explorer Online" and "Sign In Help". The main content area is titled "Featured Maps" and contains a grid of 12 map thumbnails, each with a title, author, last modified date, description, and "Details Open" links. The maps are:

- USA Soil Survey**: Web Map by user_community (last modified: October 10, 2011). Description: This map shows the Soil Survey Geographic (SSURGO) by the United States Department of Agriculture's Natural Resources Conservation Service overlaid with a hydro...
- Koppen-Geiger Observed and Predicted Climate Shifts**: Web Map by Intl_User_Community (last modified: August 29, 2011). Description: This time-enabled Map displays observed and predicted climate shifts from 1901-2100 using Köppen-Geiger climate classification.
- Supermarket Access Map**: Web Map by jimhe (last modified: August 3, 2011). Description: Supermarkets are one way people have access to healthy food. This map shows where the supermarkets are. Areas that are within a 10 minute drive are depicted, as are areas within a 1...
- USA Median Household Income**: Web Map by esri (last modified: June 28, 2011). Description: This web map combines the USA median household income for the United States in 2010 with a reference overlay. The darker the green color, the higher the median household...
- Seattle DOT Parking Map**: Web Map by jgrayson (last modified: September 29, 2011). Description: Seattle DOT Parking Map
- USA Tapestry Segmentation**: Web Map by esri (last modified: June 27, 2011). Description: This web map combines Esri Tapestry Segmentation clusters in the United States in 2010 with a reference overlay. The Esri Tapestry Segmentation is a classification of...
- NOAA Damaging Winds**: Web Map by Federal_User_Community (last modified: October 2, 2011). Description: This web map contains information about significant damaging winds and wind swaths within the USA from 1950 to 2010. The data represents recorded winds with speed from 65knots (75...
- Carbon Dioxide Emissions on the Rise**: Web Map by acarroll73 (last modified: October 6, 2011). Description: Emissions of CO2, a greenhouse gas, have risen steadily for the last 30 years.
- USA Active Floods**: Web Map by user_community (last modified: September 28, 2011). Description: This web map shows locations of active flooding in the United States from the United States Geological Survey's (USGS) Natural Hazards Support System.
- World Bank Age and Population**: Web Map by Intl_User_Community (last modified: October 18, 2011). Description: This temporal map shows various characteristics of the World Bank topic Health. Layers represented in this map are, Age dependency ratio, Age dependency ratio old, Population...
- Spain**: Web Map by esri_db_services (last modified: April 11, 2011). Description: This map features a detailed basemap of Spain.
- NYC OEM Hurricane Evacuation Zones**: Web Map by nfurness (last modified: September 27, 2011). Description: Evacuation zones and centers in NYC

At the bottom of the page, there are navigation tabs: "Featured", "My Content", "Recent", and "Groups". The language is set to "English (United States)" and there are links for "Terms of Use" and "Privacy Policy".

ArcGIS Explorer

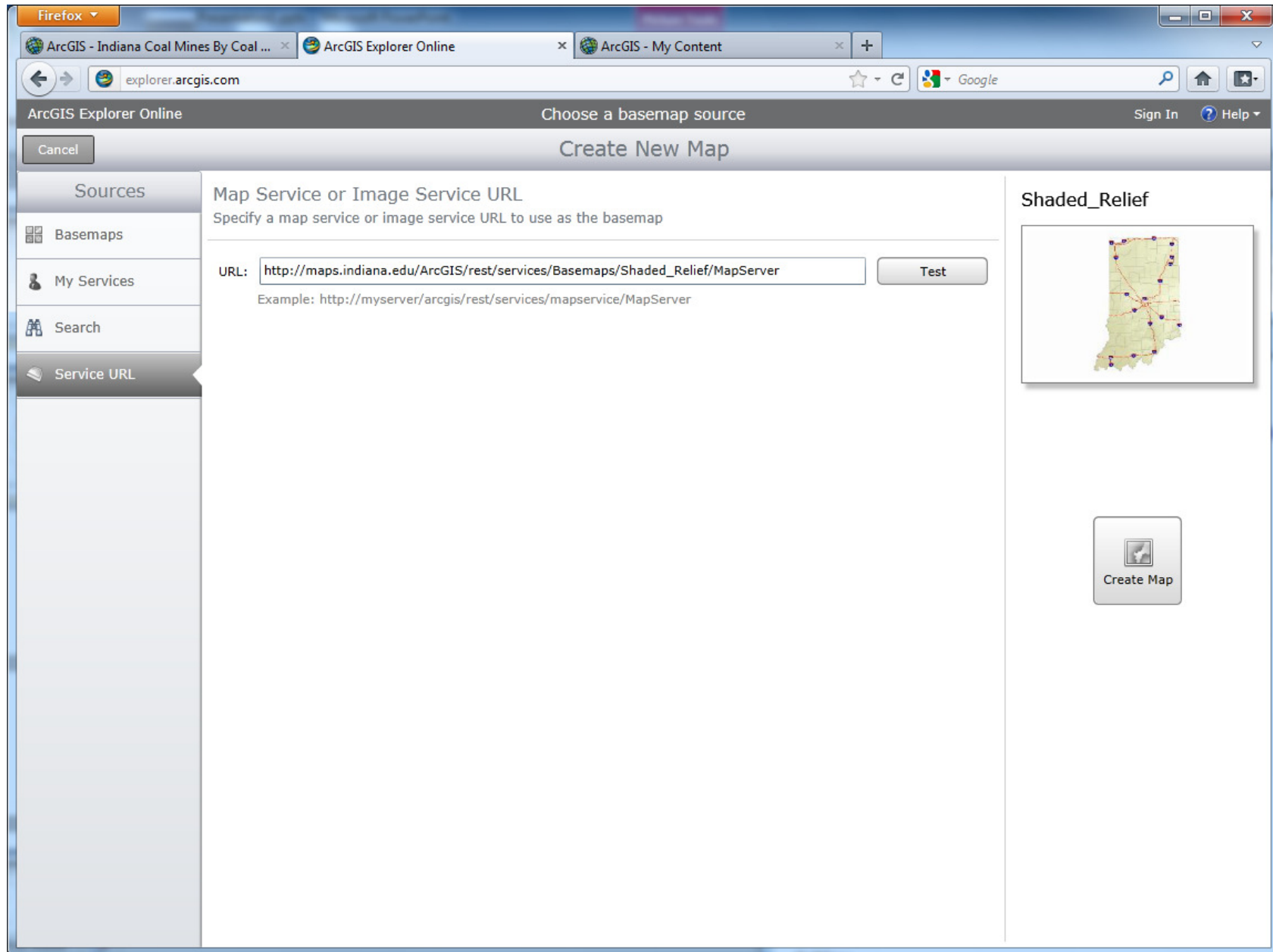
<http://explorer.arcgis.com/>

The screenshot shows the ArcGIS Explorer Online web application running in a Firefox browser. The browser's address bar displays explorer.arcgis.com. The application interface includes a top navigation bar with "Sign In" and "Help" links, and a search bar labeled "Find Maps & Groups". A "New Map" dropdown menu is open, showing options like "Advanced...". The main content area is titled "Featured Maps" and displays a grid of 12 map thumbnails, each with a title, author, and description. The maps include:

- Koppen-Geiger Observed and Predicted Climate Shifts**: A world map showing climate shifts from 1901-2100.
- Supermarket Access Map**: A map showing supermarket locations and 10-minute drive areas.
- USA Median Household Income**: A map of the United States showing median household income in 2010.
- Seattle DOT Parking Map**: A map of Seattle showing parking locations.
- USA Tapestry Segmentation**: A map of the United States showing Esri Tapestry Segmentation clusters.
- NOAA Damaging Winds**: A map of the United States showing significant damaging winds from 1950 to 2010.
- Carbon Dioxide Emissions on the Rise**: A world map showing CO2 emissions from 1950 to 2010.
- USA Active Floods**: A map of the United States showing active flooding locations.
- World Bank Age and Population**: A world map showing various characteristics of the World Bank topic Health.
- Spain**: A detailed basemap of Spain.
- NYC OEM Hurricane Evacuation Zones**: A map of New York City showing evacuation zones and centers.
- Ville de Gatineau, QC, Canada**: A map of Gatineau, Quebec, Canada.
- Kingston, ON, Canada**: A map of Kingston, Ontario, Canada.
- Great Britain Basemap**: A basemap of Great Britain.

At the bottom of the interface, there are tabs for "Featured", "My Content", "Recent", and "Groups", along with a language selector set to "English (United States)" and links for "Terms of Use" and "Privacy Policy".

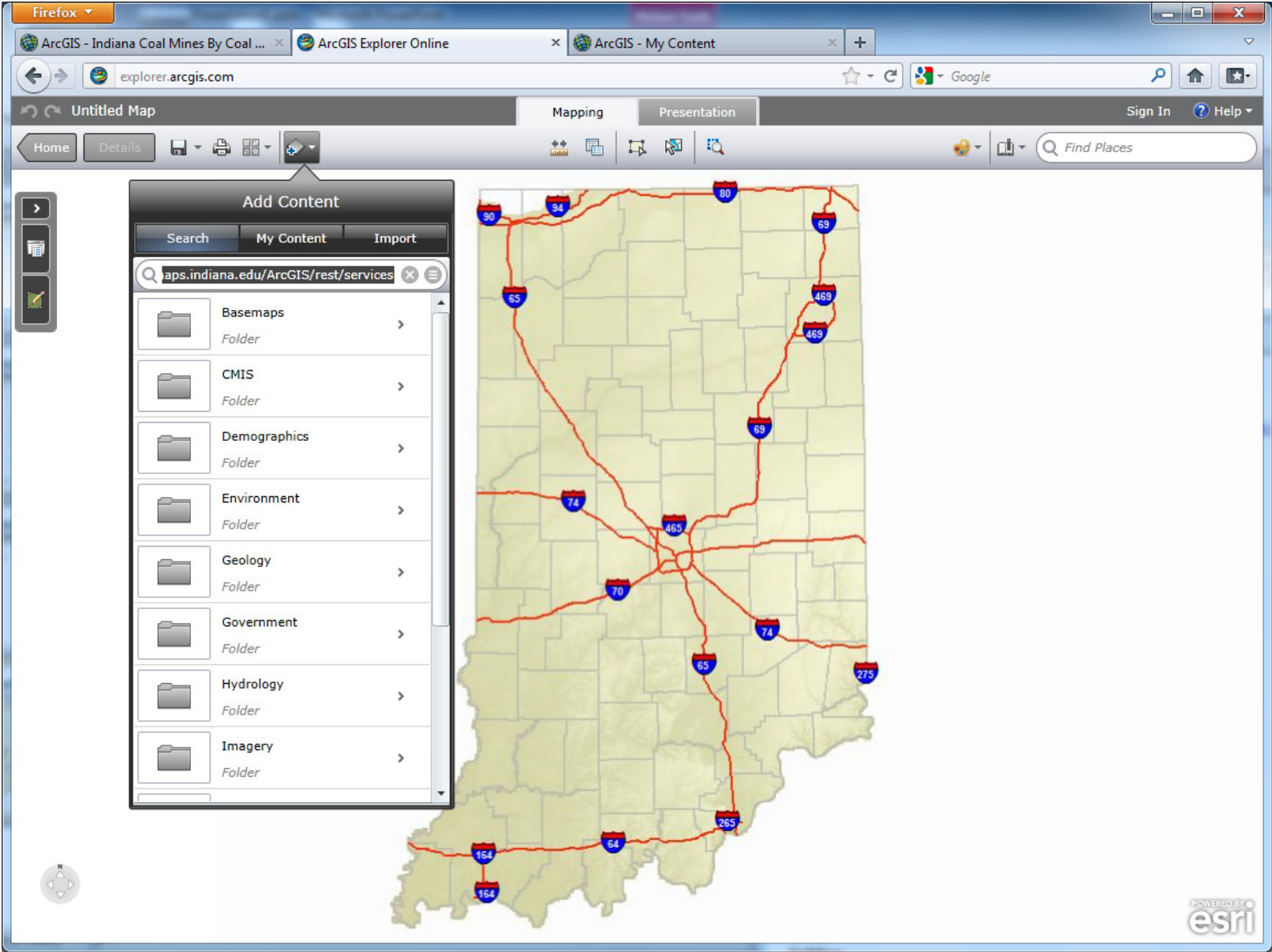
ArcGIS Explorer



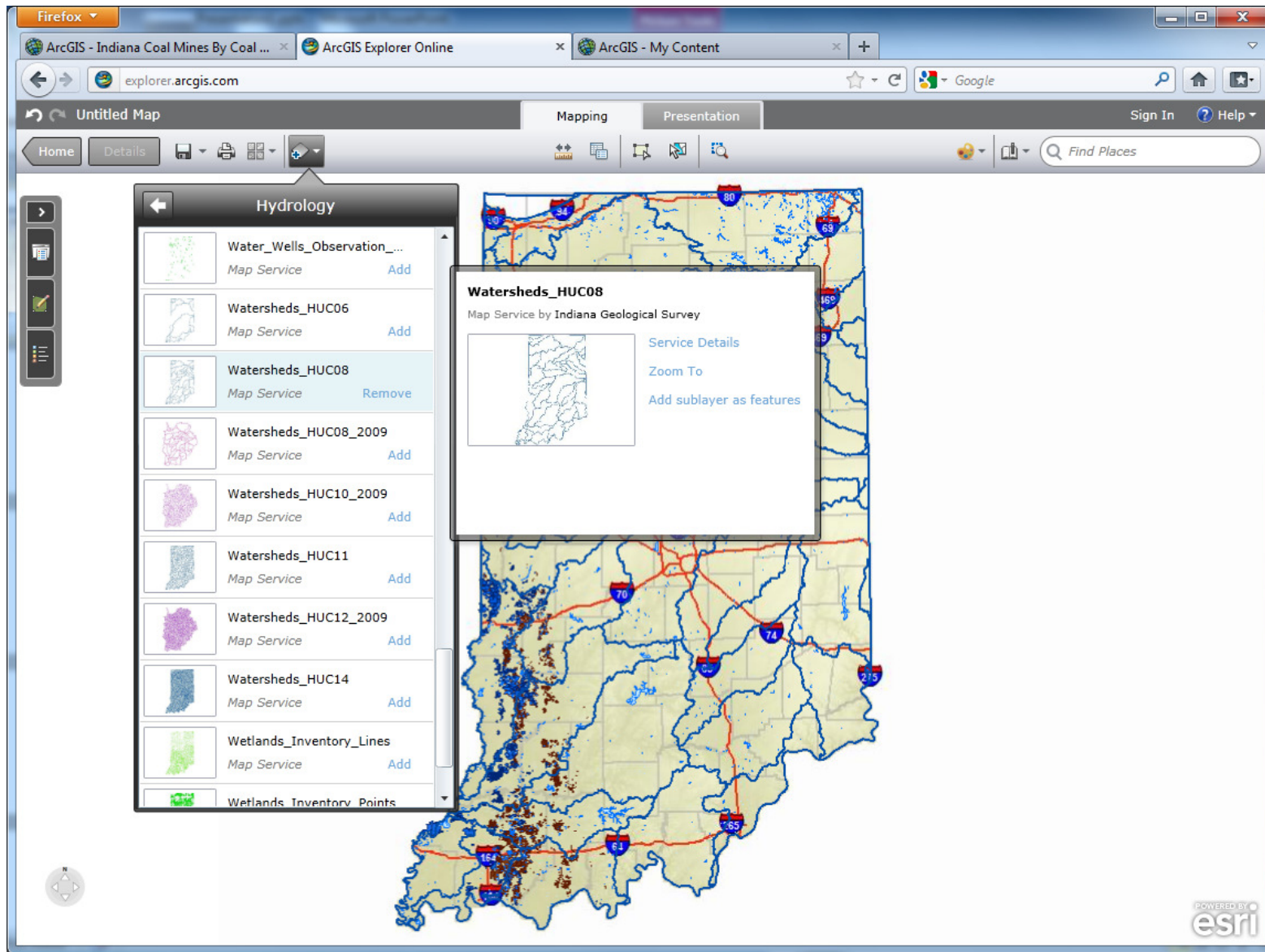
ArcGIS Explorer



ArcGIS Explorer

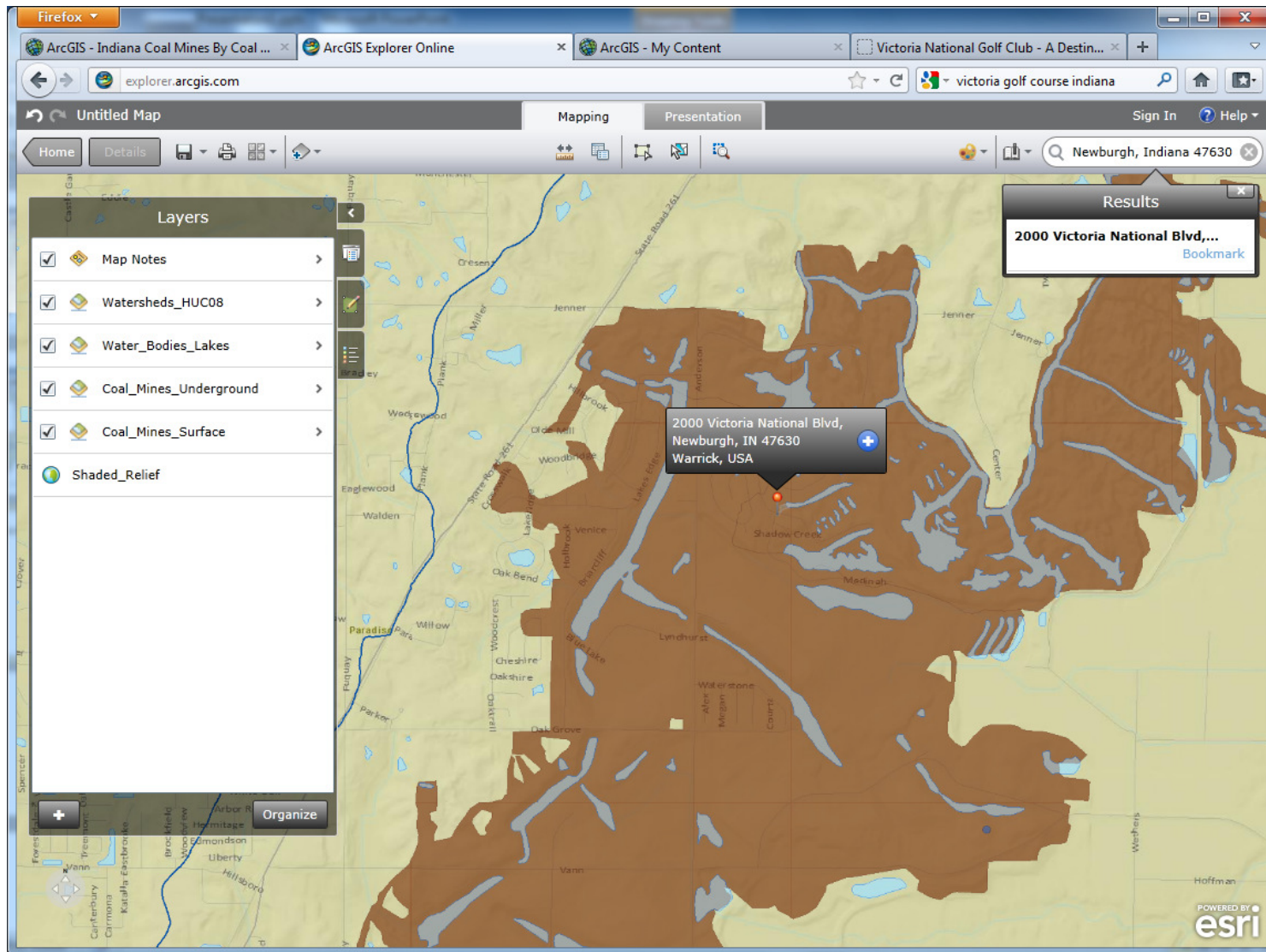


ArcGIS Explorer

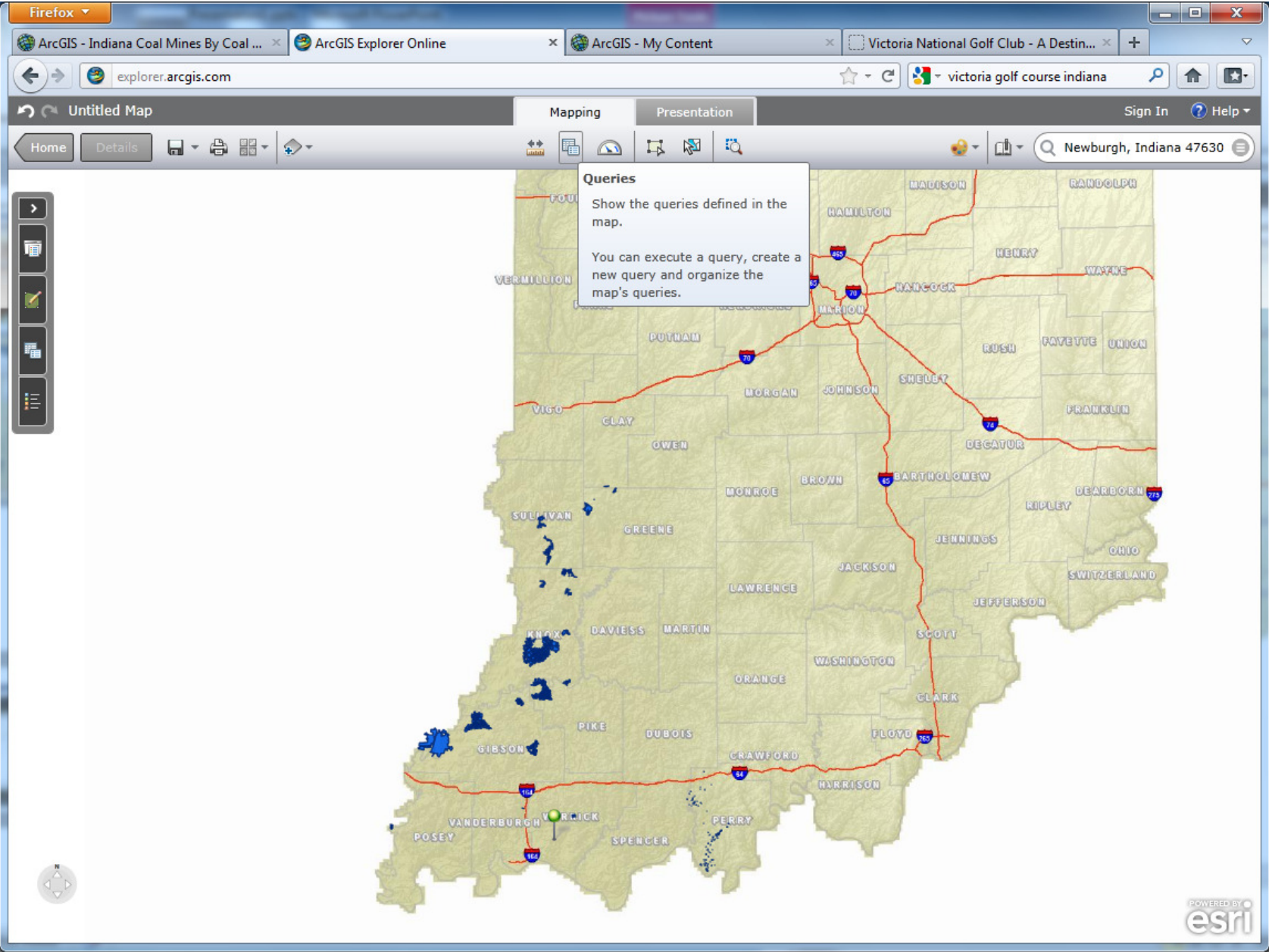


ArcGIS Explorer

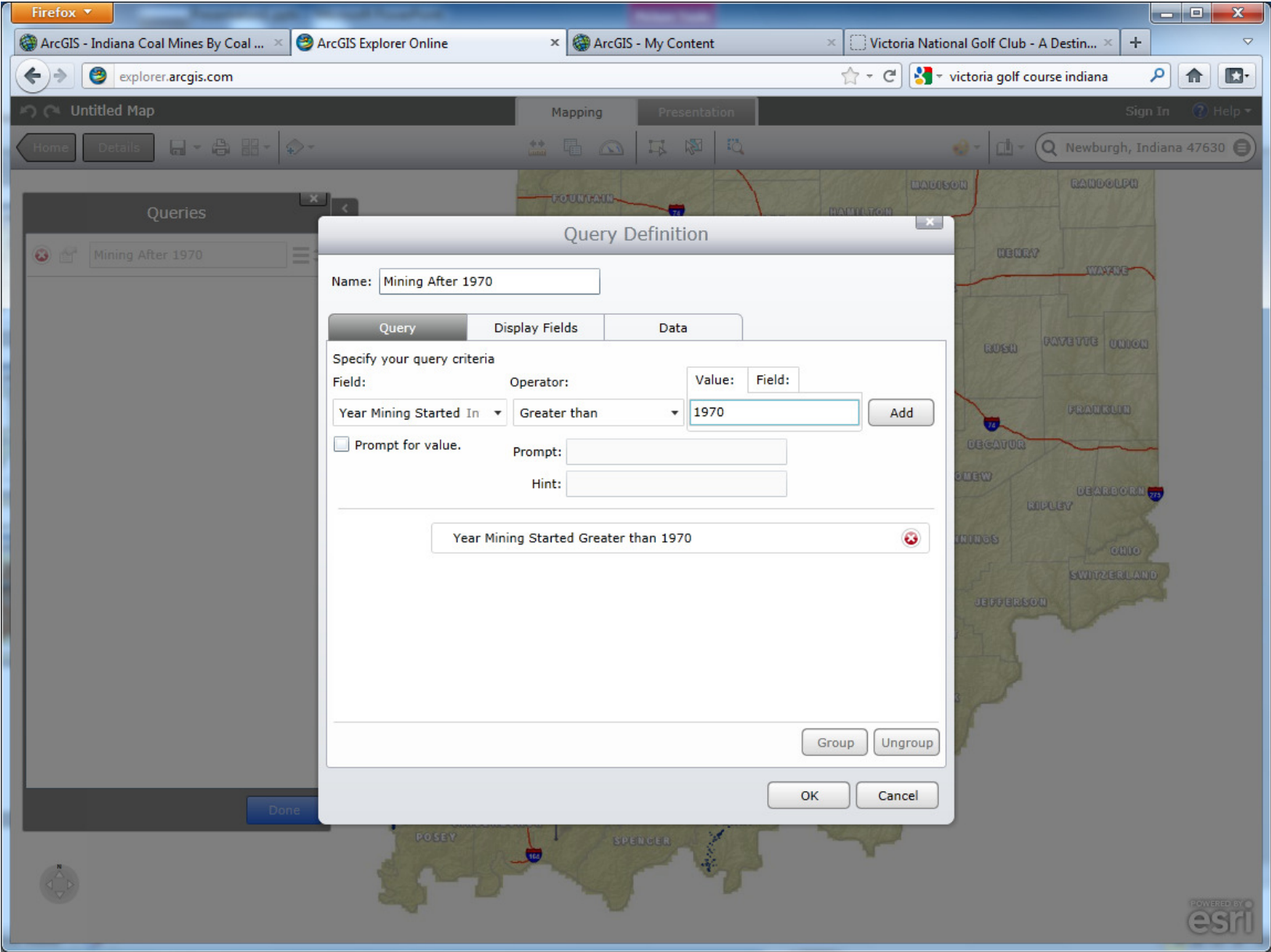
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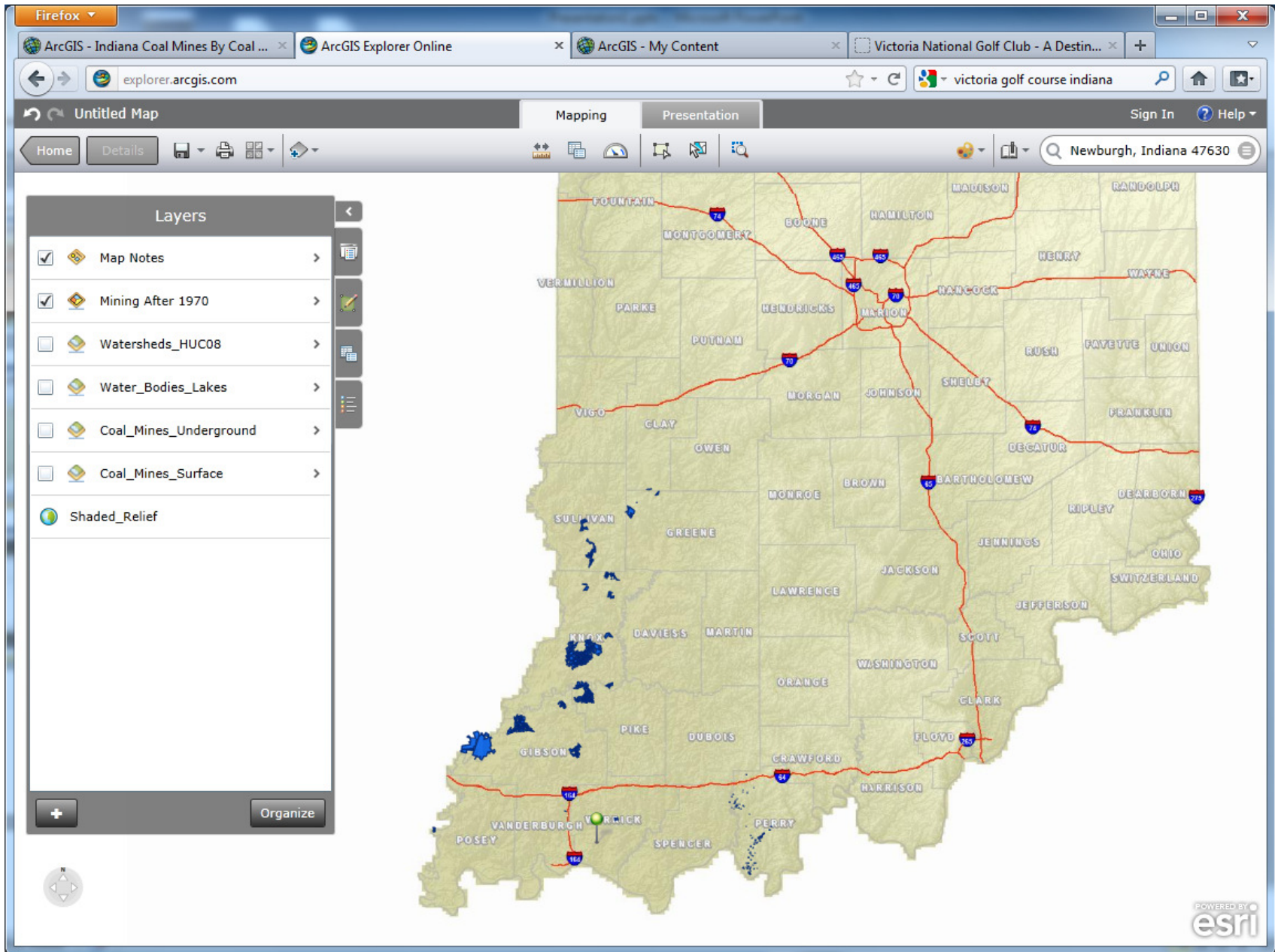
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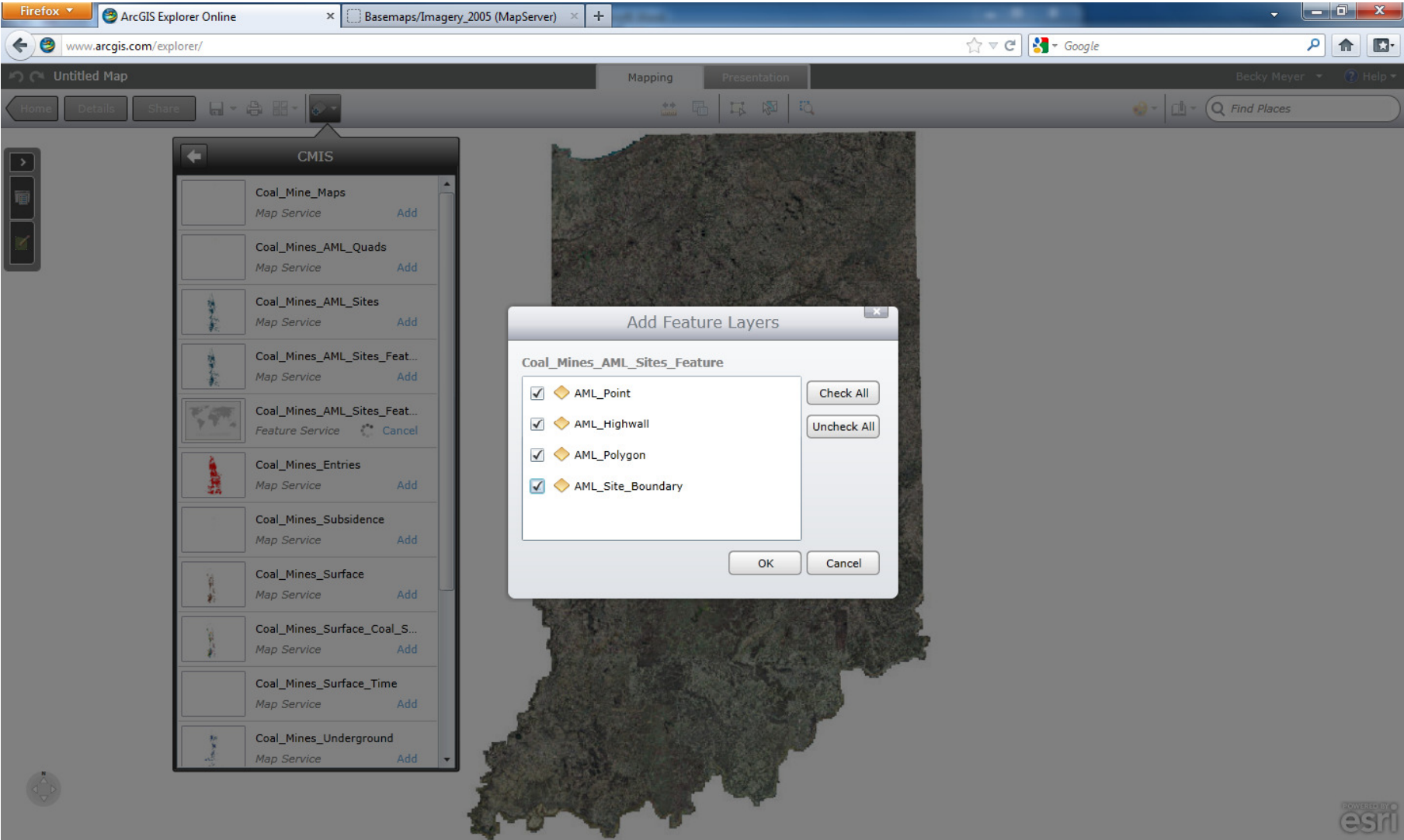
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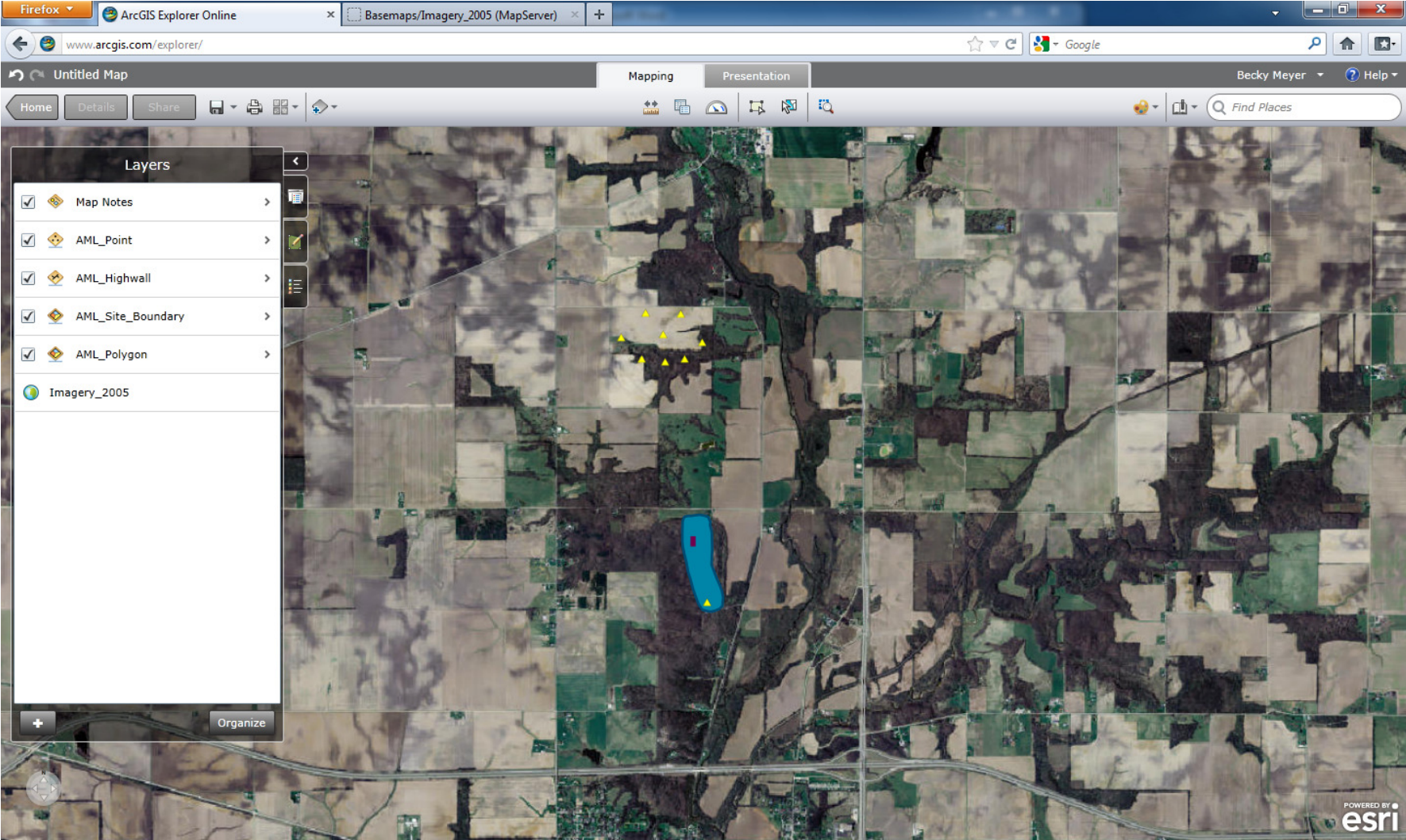
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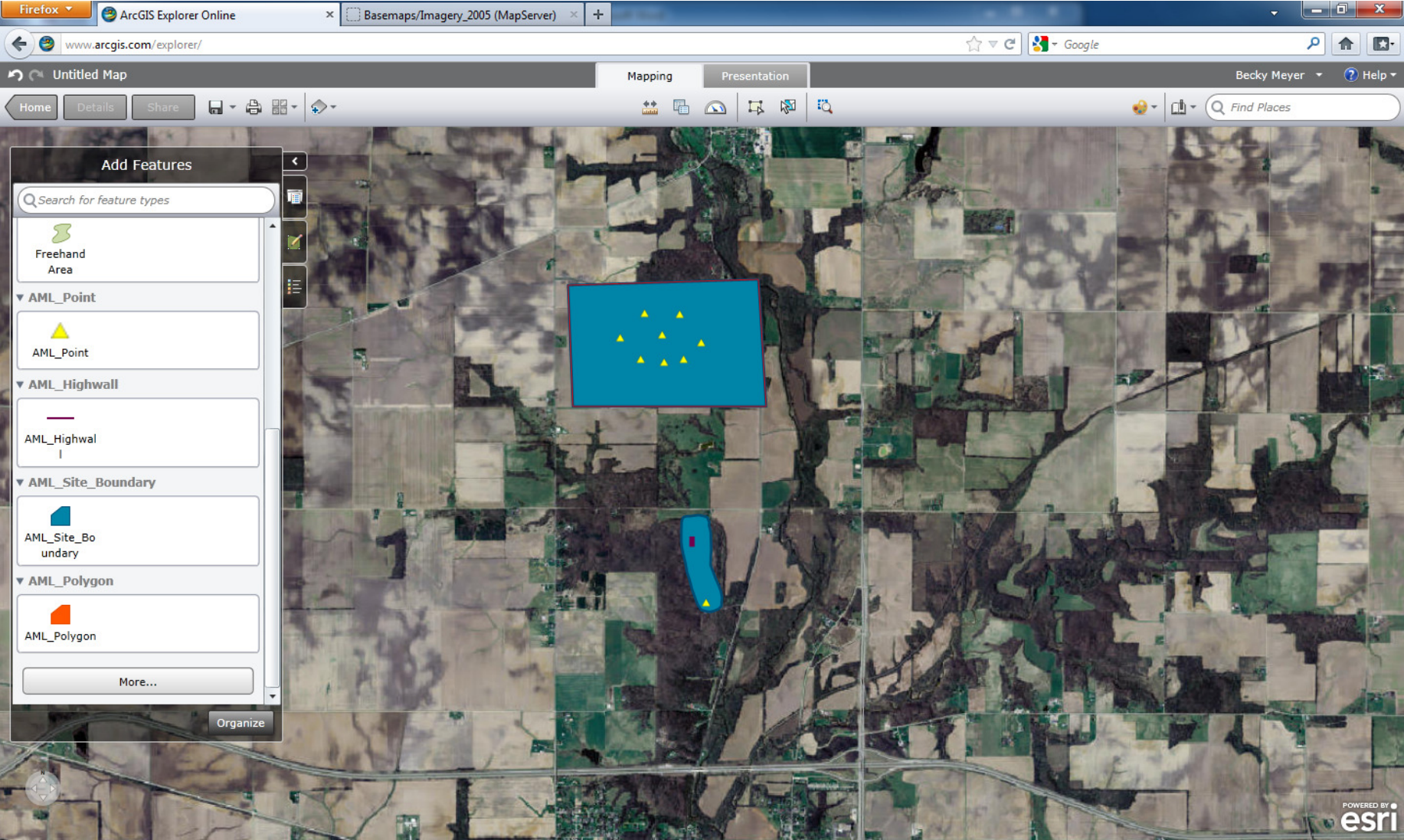
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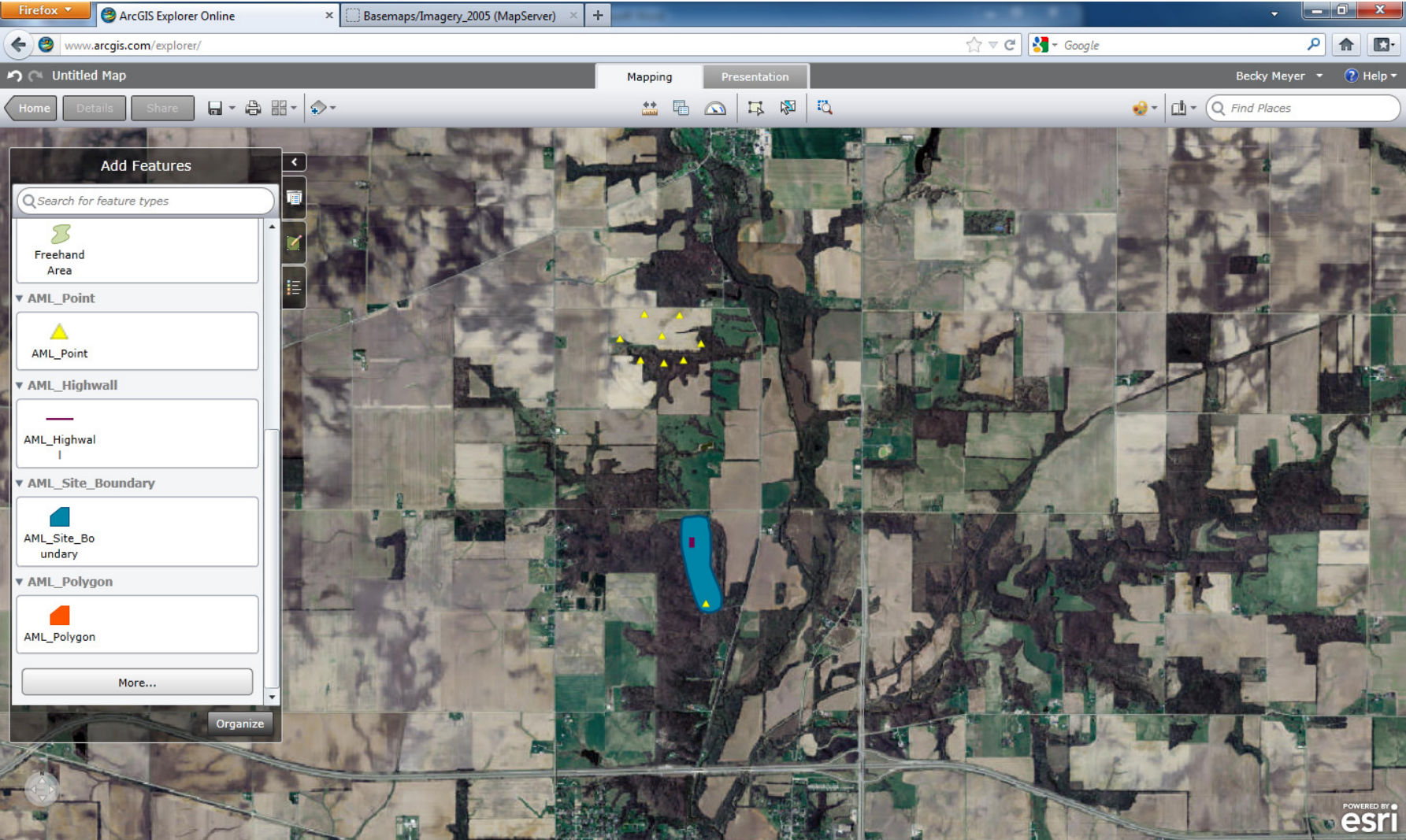
ArcGIS Explorer



ArcGIS Explorer



ArcGIS Explorer



ArcGIS Explorer Online

End Demo