

What Makes a good content item GREAT?

Keith VanGraafeiland

Overview

Subhead Here

Content items in ArcGIS Online

Difficult to find what you are looking for sometime

Good content items stand out

Living Atlas of the World Nomination App

Scores content items based on key criteria

Walk through process of scoring an item using the Nomination App.

<http://esriurl.com/ContributeLAW>

Feature Service Publishing Overview

- **Planning for Publishing**
 - What is it?
 - Who is going to use it?
 - How is it going to be used?
- **GIS Workflow**
 - Create a new map
 - Determine proper coordinate system
 - Fields
 - Symbology
 - Metadata (including thumbnail)
- **Managing Web Layer**
 - Content Item
 - Default behavior
 - Extent
 - Test

Feature Service Publishing

Best Practices


Today we are going to be working with Unexploded Ordnances!

[Home](#) [Gallery](#) [Map](#) [Scene](#) [Groups](#) [Content](#) [Organization](#)

Keith

USA Unexploded Ordnance

Overview Data Visualization



USA Unexploded Ordnance locations in known areas.

Subscriber Content

by esri

Last Modified: February 7, 2017

Add to Favorites

Feature Layer

[Open in Map Viewer](#)

[Open in Scene Viewer](#)

[Open in ArcGIS Desktop](#)

[Share](#)

Description

Unexploded ordnances (or UXOs/UXBs, sometimes identified as UO) are explosive weapons (bombs, bullets, shells, grenades, land mines, naval mines, etc.) that did not explode when they were employed and still pose a risk of detonation, potentially many decades after they were used or discarded. Casualties have been incurred from accidental and naive contact with live munitions, and could possibly be avoided.

While "UXO" is widely and informally used, according to the U.S. Environmental Protection Agency (EPA), [munitions and explosives of concern \(MEC\)](#) is the current preferred terminology within the remediation community. This is NOT a complete collection of unexploded ordnances on the seafloor, nor are the locations to be considered exact. The marine environment is of ambulatory nature, so locations may change on a tide-by-tide basis.

The presence and locations of the unexploded ordnance have been derived from graphical representations recorded on [NOAA Raster Navigation Charts](#).

Cleanup and Clearance efforts are ongoing, but are slow in progress. Efforts such as [underway replenishment \(UNREP\)](#), must be conducted in a marine area that is suitably located with sea heights that are adequate to keep vessels from danger of existing UXOs, without loss of more munitions. Location of an existing UXO concern area, may indicate previously unsuitable conditions that should be avoided.

The data for this layer were obtained from NOAA's Coastal Services Center ftp site (<ftp://ftp.csc.noaa.gov/pub/MSP/>) in early

Details

★★★★★ (0) views: 774


Source: [Feature Service](#)

Created: March 31, 2015

Size: 1 KB

[Facebook](#) [Twitter](#)

Owner

 esri

Tags

[esri_oceans](#), [esri_marine](#), [landscape](#), [oceans](#), [energy](#), [esri_landscape](#), [oceans1](#), [disturbance](#)

Credits (Attribution)

Planning for Publishing

Why is this layer being published?

Who is the audience?

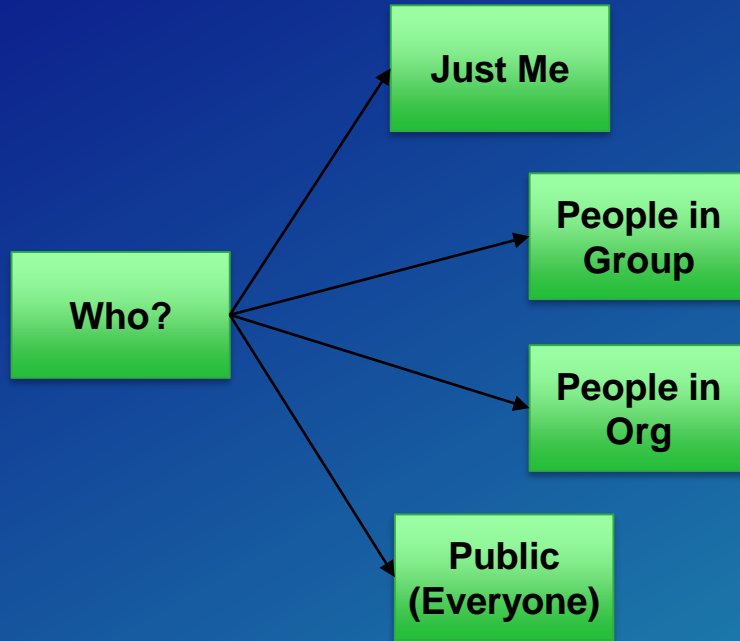
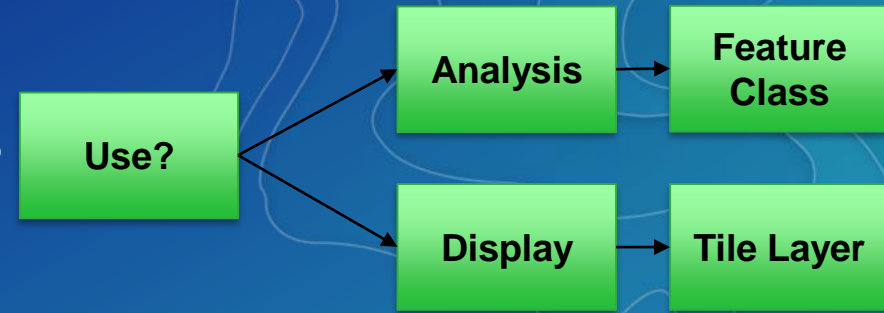
What is it going to be used for?



Take on the persona of the users that are going to be accessing this layer.

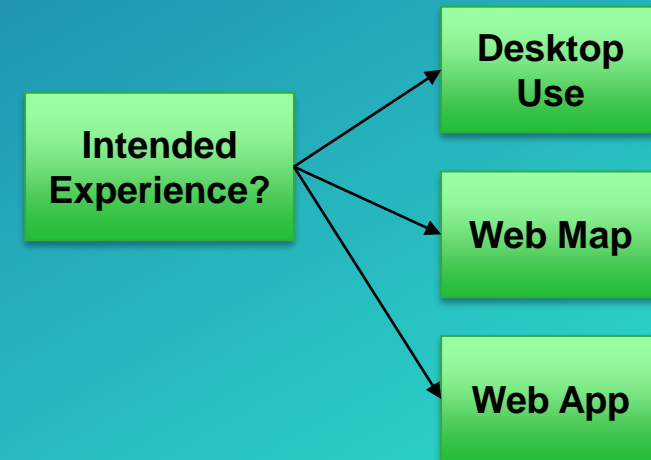
All of this is valuable information to use when populating your metadata in your content item, capture it somewhere.

How is the data going to be used?



Who is going to use it?

What is the intended experience?



Planning for Publishing

Template for item success

Title:

Simple meaningful and short

Tags:

Keywords users can use to search for this data; ideally each layer will have between 5 and 10 tags that help users locate a layer.

Summary:

Everything that you wanted to put into the title; describe the dataset in one sentence.

Description:

Include hyperlinks, indicate where the data was downloaded from and when. This is a great opportunity to address users and let them know what they can do with this layer and what it was intended for when it was constructed.

Credits:

Where did the data come from? Give credit to the source where you obtained the data.

Access Use and Constraints:

Are there any restrictions for using this data?

GIS Workflow

Download data from source.

Extract.

Import into your ArcGIS Pro Project.

The screenshot shows the MarineCadastr.gov website. The top navigation bar includes links for Maps, Data, Uses, Tools, News, and About. The main heading is "Data Registry". Below this, there is a paragraph explaining the data registry's purpose and a list of links: Data Fact Sheet, How to Contribute Data, MarineCadastr.gov Data Frequently Asked Questions, MarineCadastr.gov Web Services Frequently Asked Questions, and Using MarineCadastr.gov Web Services in ArcMap. A search bar labeled "Unexploded" is visible. On the right, there are buttons for "Help" and "My Map 0". The main content area shows "Currently displaying 1 Datasets" with a "Clear Filters" button. A list of themes (Benthic, Birds, Corals, Economic, Elevation) and regions (Alaska, Caribbean, East Coast) is displayed. A yellow banner at the bottom of the main content area says "Unexploded Ordnances" and "MarineCadastr.gov" with an "Add to Map" button.

MarineCadastr.gov

Maps Data Uses Tools News About

Data Registry

The MarineCadastr.gov Data Registry provides direct access to data currently available through MarineCadastr.gov. Filter the data by provider, thematic category, geographic region, and service type. If you are looking for a data set that is currently not available on MarineCadastr.gov, please email us.

MarineCadastr.gov works with data sources to provide highest quality data sets available. When using data for planning purposes, please read the associated metadata and use constraints to be sure the data will meet your needs.

Sign up to receive email updates on changes to our map services.

- [Data Fact Sheet](#)
- [How to Contribute Data](#)
- [MarineCadastr.gov Data Frequently Asked Questions](#)
- [MarineCadastr.gov Web Services Frequently Asked Questions](#)
- [Using MarineCadastr.gov Web Services in ArcMap](#)

Unexploded

Help My Map 0

Currently displaying
1 Datasets

Clear Filters

Theme

- Benthic
- Birds
- Corals
- Economic
- Elevation

Show More

Region

- Alaska
- Caribbean
- East Coast

Unexploded Ordnances

MarineCadastr.gov

+ Add to Map

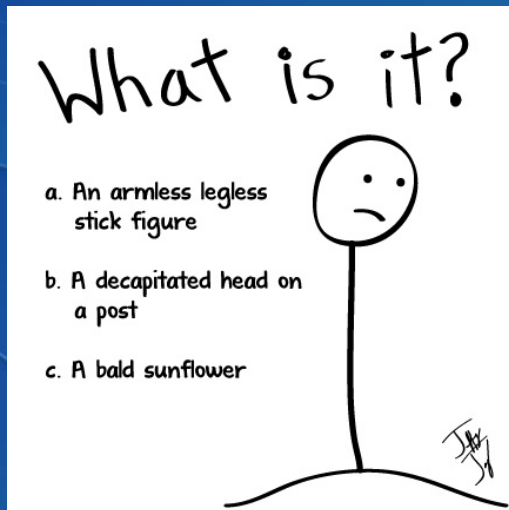
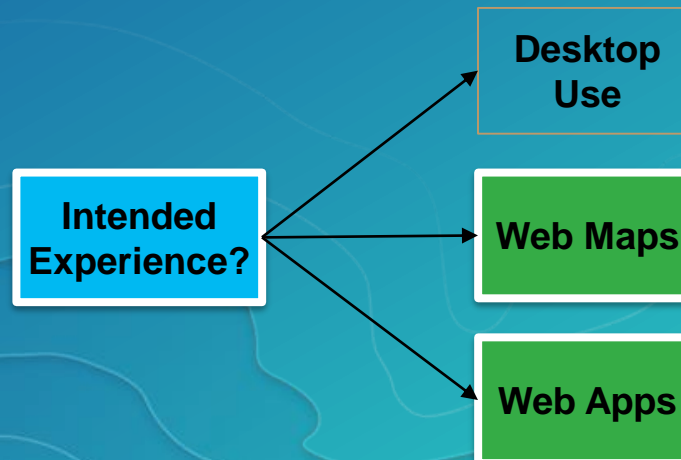
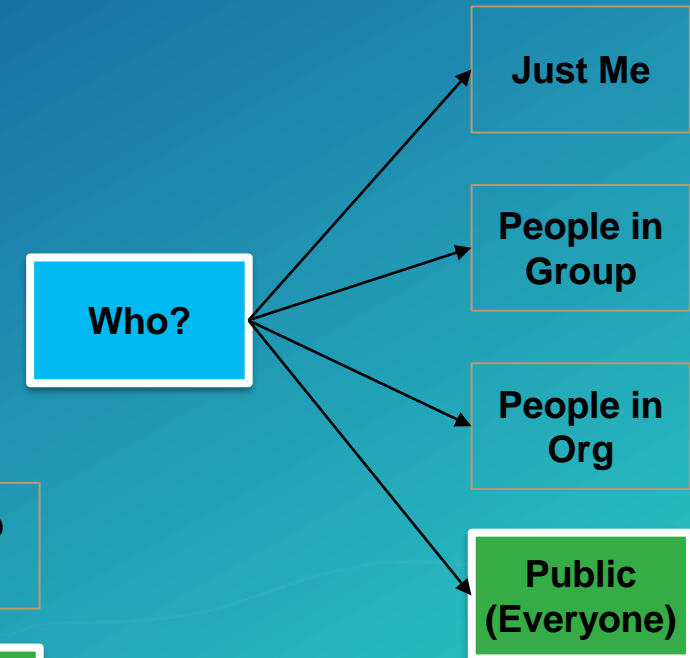
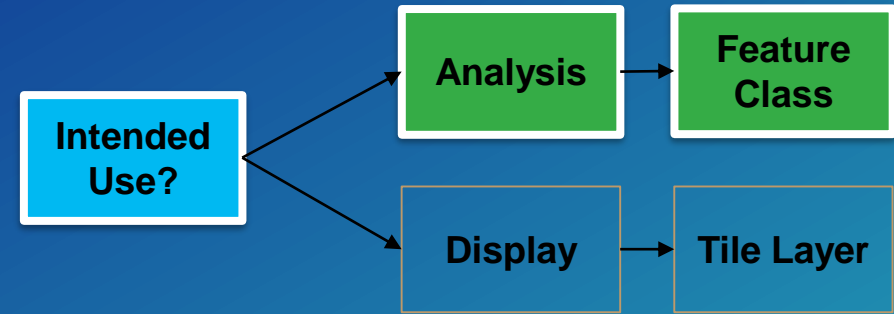
GIS Workflow

What is it?

Who's going to use it?

What's is the intended use?

What is the intended experience for using this data?



GIS Workflow

Populate the template for item success with the information you gathered.

Title:

USA Unexploded Ordnances

Tags:

esri_oceans, esri_marine, oceans, energy, oceans1, disturbance, UXO

Summary:

USA Unexploded Ordnance locations in known areas.

Description:

Unexploded ordnances (or UXOs/UXBs, sometimes identified as UO) are explosive weapons (bombs, bullets, shells, grenades, land mines, naval mines, etc.) that did not explode when they were employed and still pose a risk of detonation, potentially many decades after they were used or discarded. Casualties have been incurred from accidental and naive contact with live munitions, and could possibly be avoided.

While “UXO” is widely and informally used, according to the U.S. Environmental Protection Agency (EPA), munitions and explosives of concern (MEC) is the current preferred terminology within the remediation community. This is NOT a complete collection of unexploded ordnances on the seafloor, nor are the locations to be considered exact. The marine environment is of ambulatory nature, so locations may change on a tide-by-tide basis.

The presence and locations of the unexploded ordnance have been derived from graphical representations recorded on NOAA Raster Navigation Charts.

Cleanup and Clearance efforts are ongoing, but are slow in progress. Efforts such as underway replenishment (UNREP), must be conducted in a marine area that is suitably located with sea heights that are adequate to keep vessels from danger of existing UXOs, without loss of more munitions. Location of an existing UXO concern area, may indicate previously unsuitable conditions that should be avoided.

The data for this layer were obtained from NOAA's Coastal Services Center ftp site (<ftp://ftp.csc.noaa.gov/pub/MSP/>) in early March 2016. The polygon features in this layer contain attributes for the type of area and effective date. Metadata can be accessed via the ftp site.

What can you do with this layer?

Identification of the general Unexploded Ordnance locations.

Credits:

Marine Cadastre, NOAA

Access Use and Constraints:

None

GIS Workflow

Create a New Map

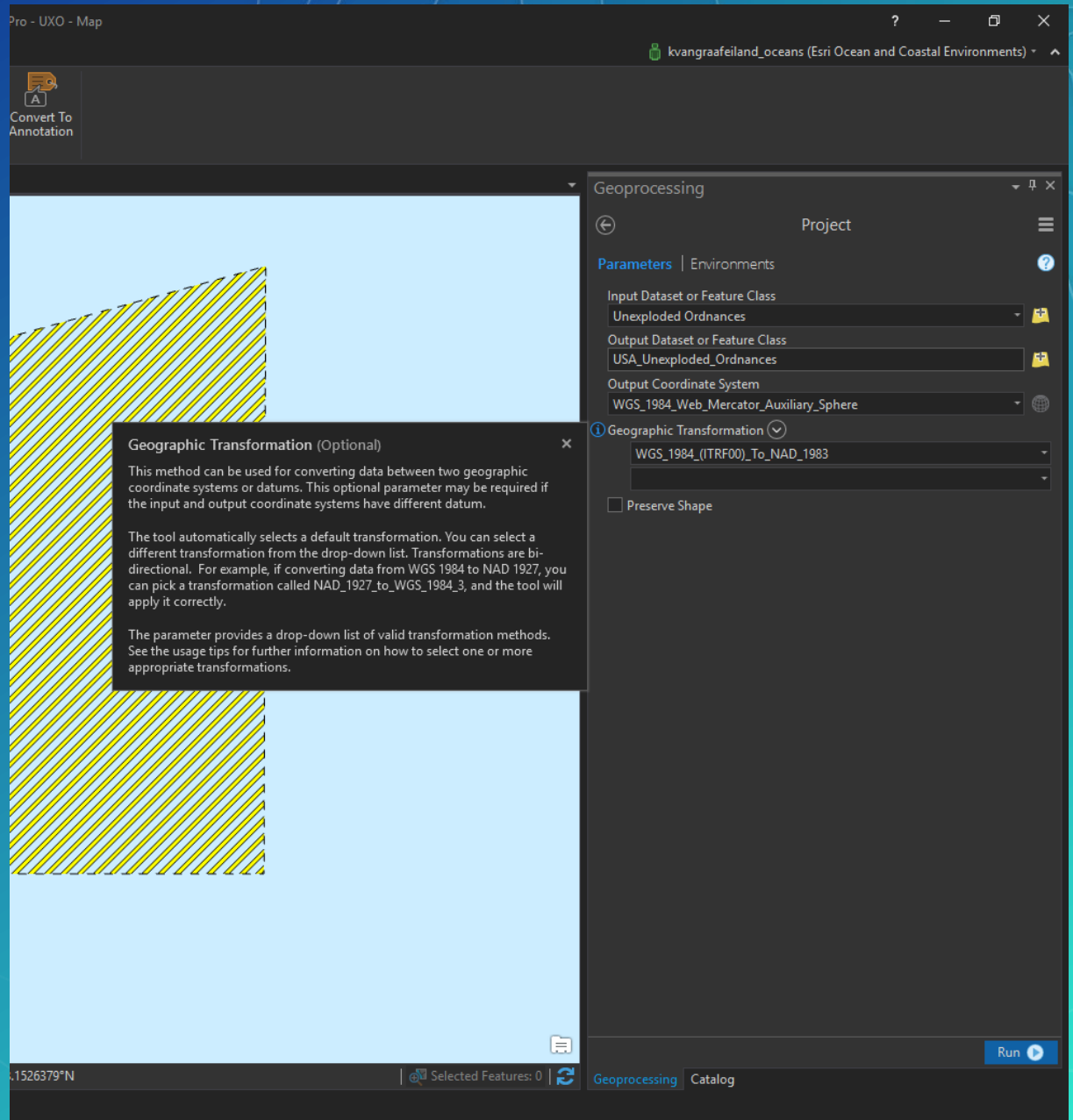
Insert - Map

Coordinate System

Project the data into Web Mercator

Output GP results to the ArcGIS Pro Project GDB.

Name Layer Accordingly



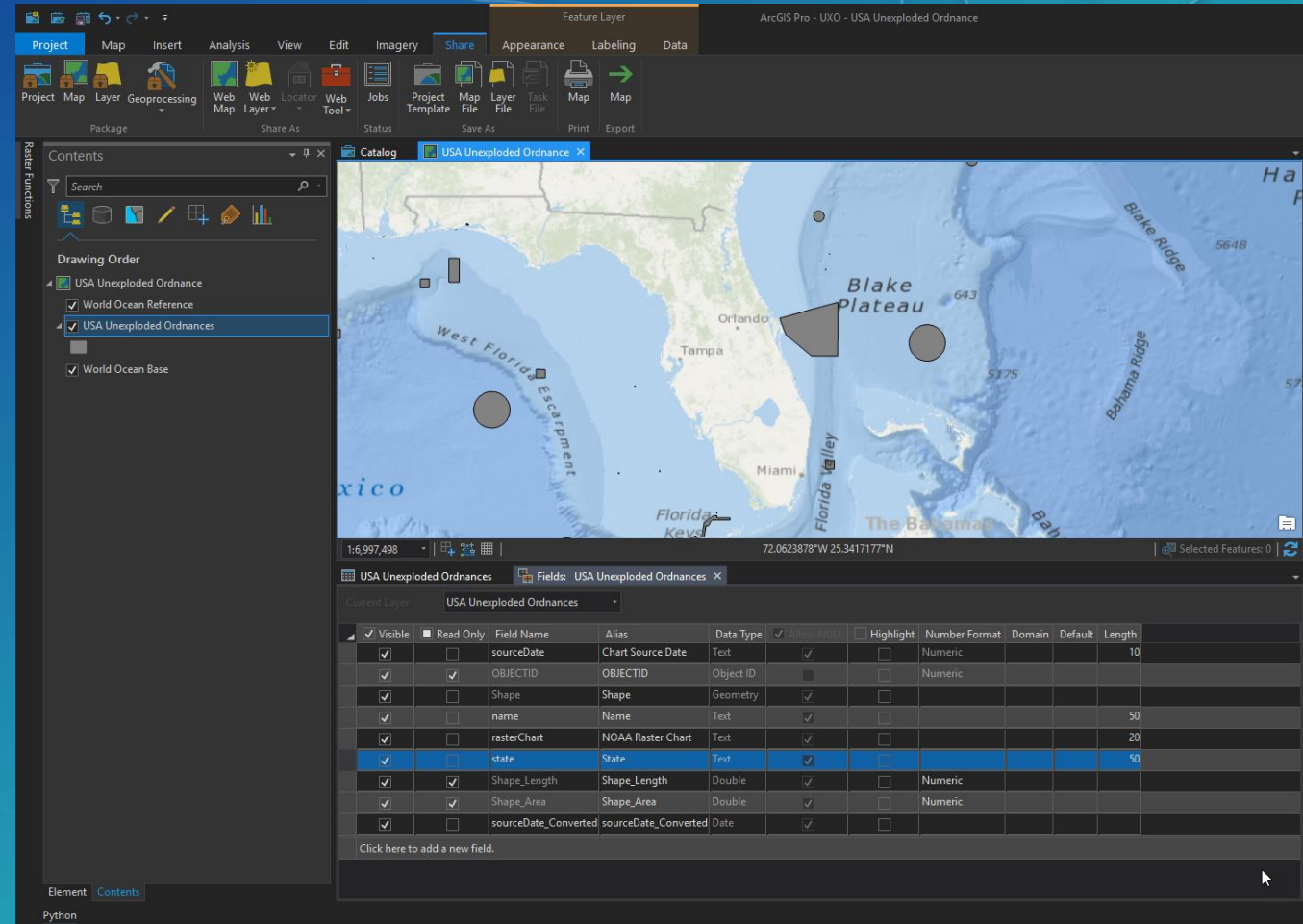
GIS Workflow

Fields

Field Names and Alias - do they make sense? Are they configured properly for analysis or for use in Pop-ups?

Symbology

Symbolize the data with web optimization in mind. Does it make sense? Is it distracting?

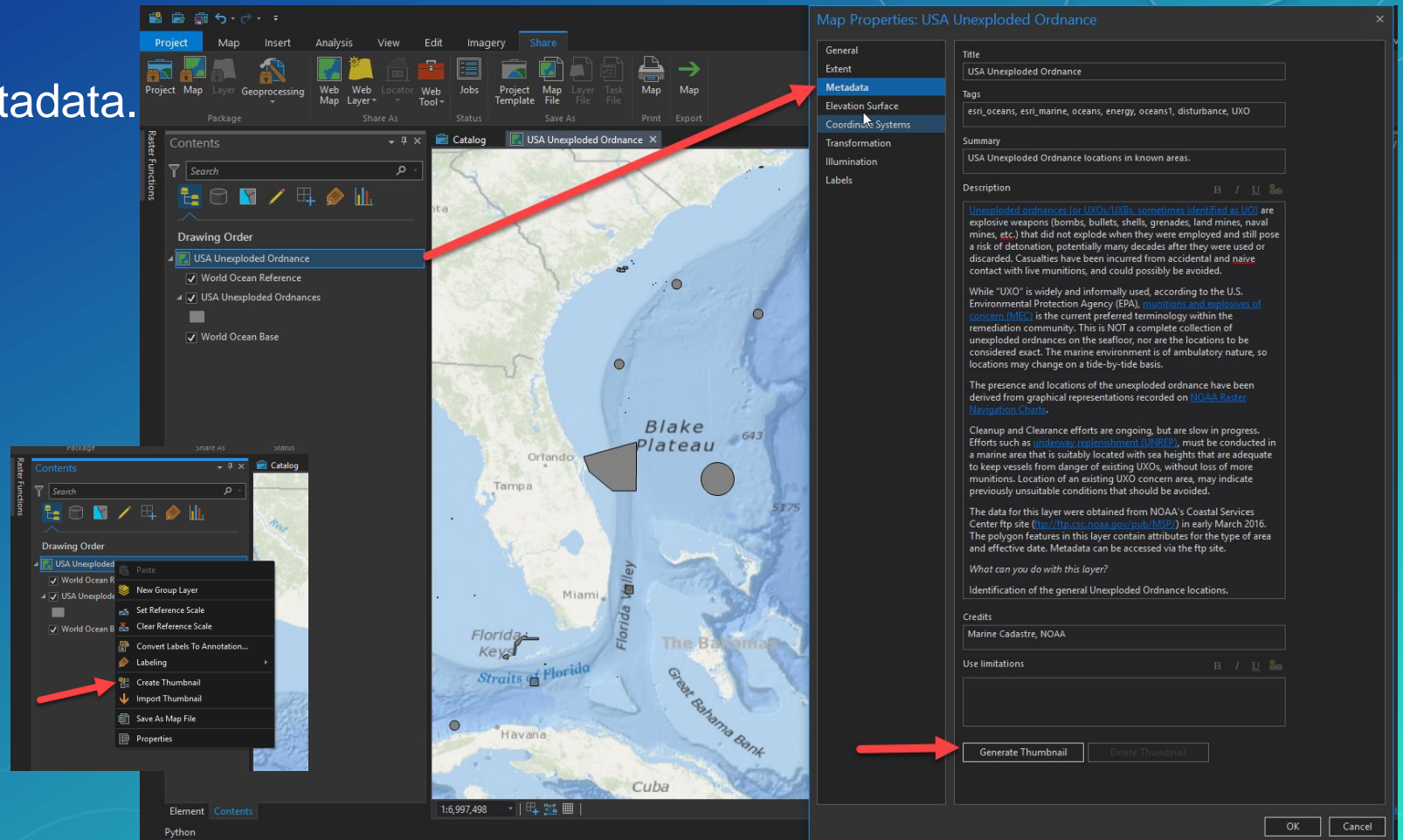


GIS Workflow

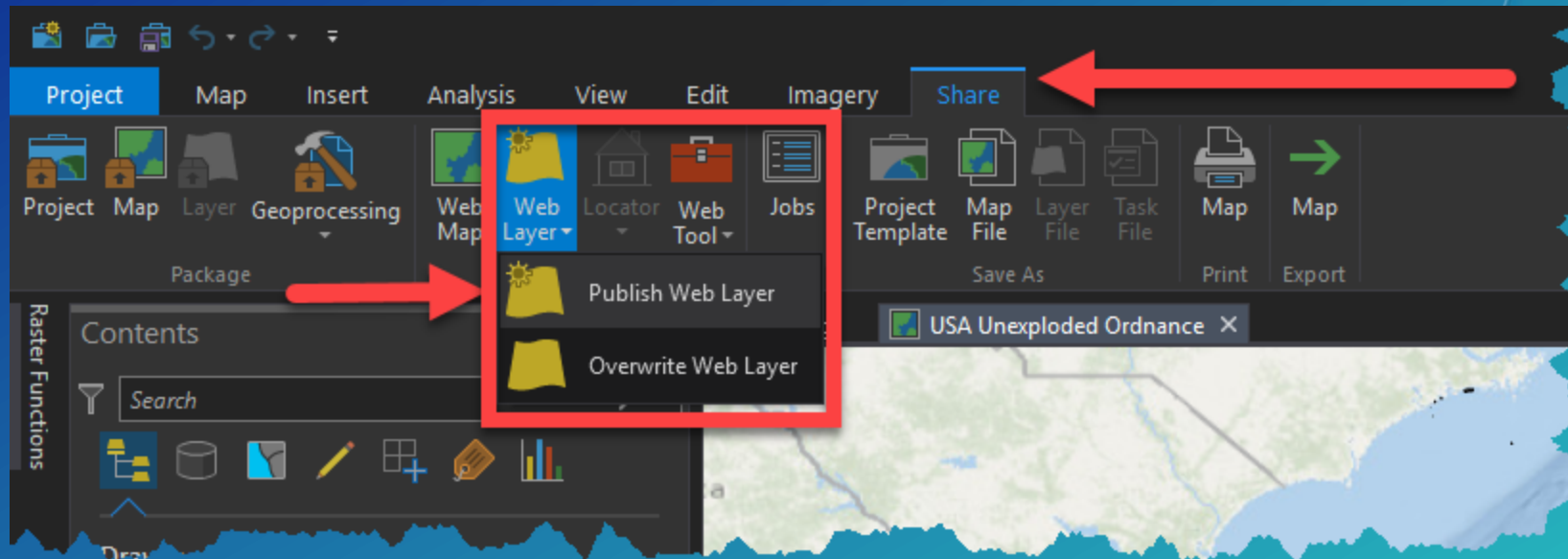
Map Metadata

Map properties - edit the Metadata.

Create Thumbnail

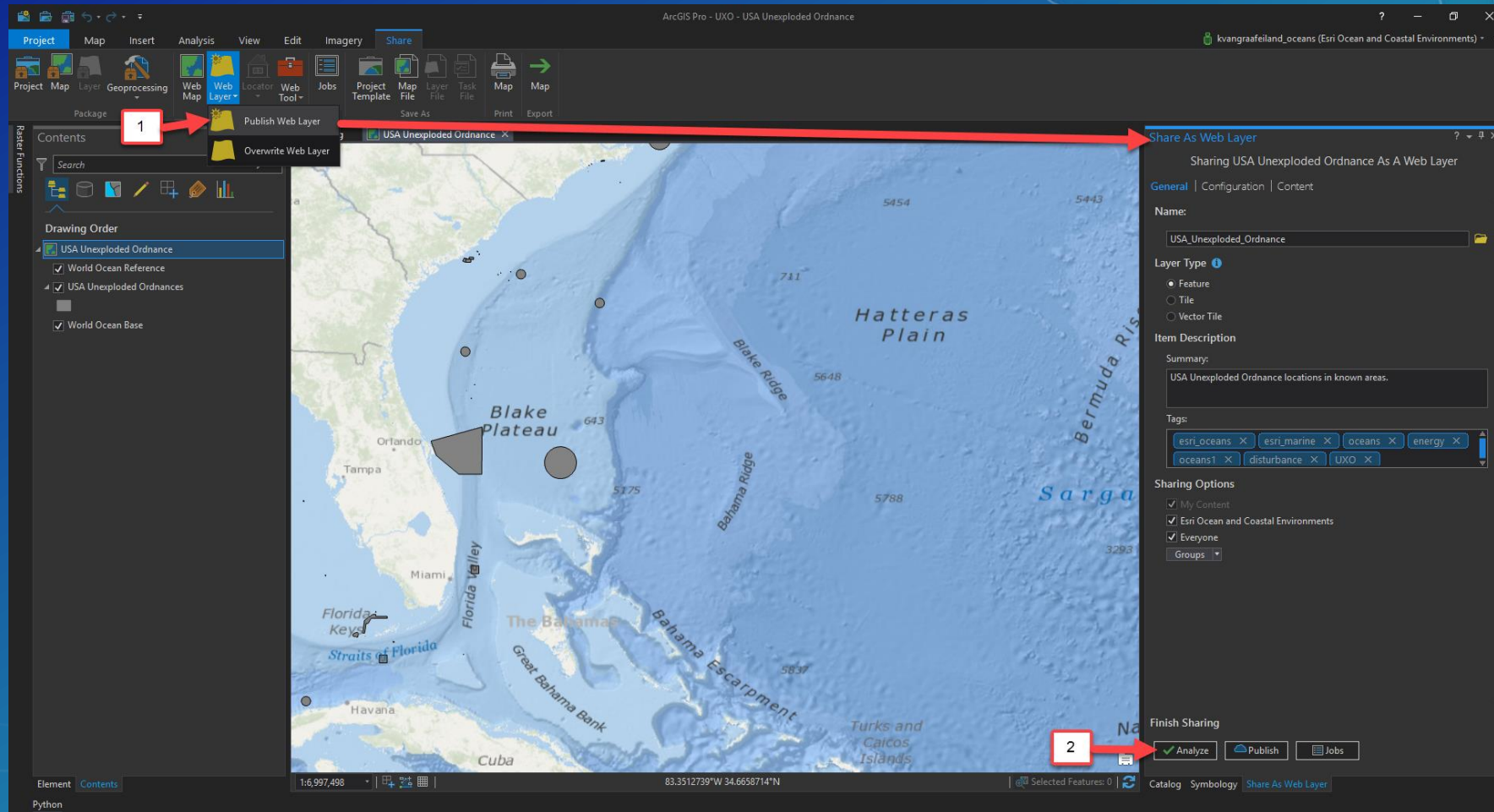


GIS Workflow



Sharing your data

GIS Workflow



Share as a Web Layer

GIS Workflow

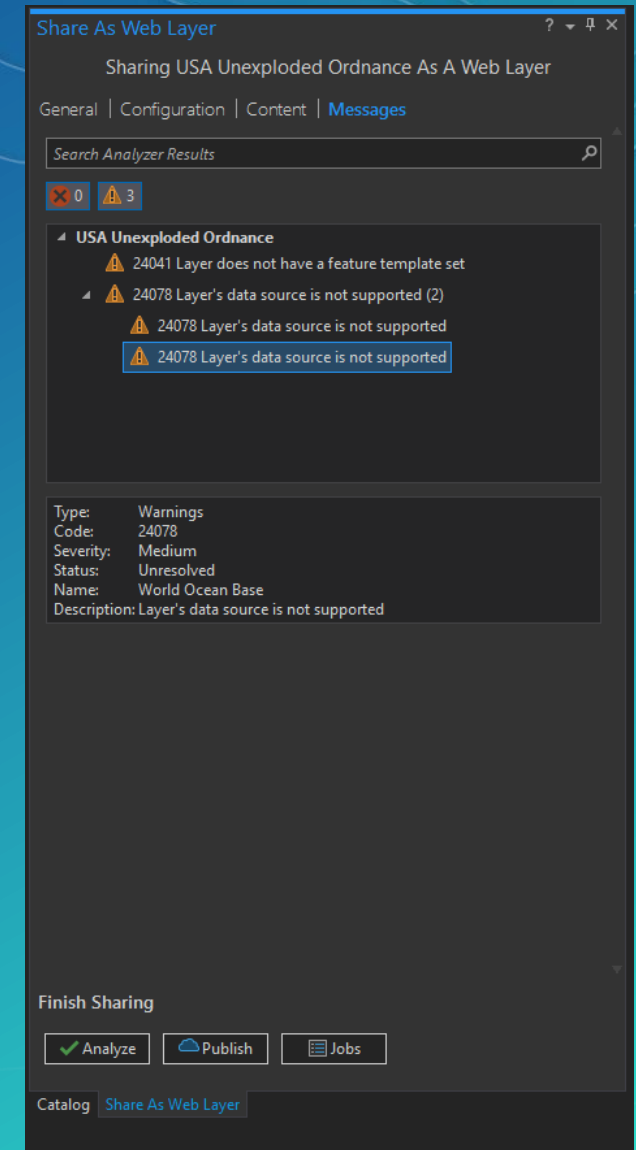
Analyze

Check for errors

Most common errors are not having a feature template set and having layers in your map that have not been removed prior to publishing.

Publish

Ignore these errors and click “Publish”.



Managing Web Layer

Content Item

Share As Web Layer

Sharing USA Unexploded Ordnance As A Web Layer

General | Configuration | Content | Messages

Name:
USA_Unexploded_Ordnance

Layer Type
☒ Feature
☐ Tile
☐ Vector Tile

Item Description
Summary:
USA Unexploded Ordnance locations in known areas.
Tags:
esri_oceans x esri_marine x oceans x energy x
oceans1 x disturbance x UXO x

Sharing Options
☒ My Content
☒ Esri Ocean and Coastal Environments
☒ Everyone
Groups

Finish Sharing
☒ Analyze ☐ Publish ☐ Jobs

✓ Successfully published web layer on 7/2/2017 9:58 AM
Manage the web layer

Catalog Symbology Share As Web Layer


Home Gallery Map Scene Groups Content Organization

Keith

USA_Unexploded_Ordnance Edit

Overview Data Visualization Usage Settings

Edit Thumbnail



★ Add to Favorites

USA Unexploded Ordnance locations in known areas.
by kvangraafeiland_oceans
Last Modified: July 2, 2017
Feature Layer (hosted)

Description

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Open in Map Viewer

Open in Scene Viewer

Open in ArcGIS Desktop

Publish

Create View

Export Data

Share

Details

★★★★★ (0) views: 0

Source: Feature Service



Created from: USA_Unexploded_Ordnance, Service Definition

Created: July 2, 2017

Data Last Updated: Jul 2, 2017, 8:56:47 AM

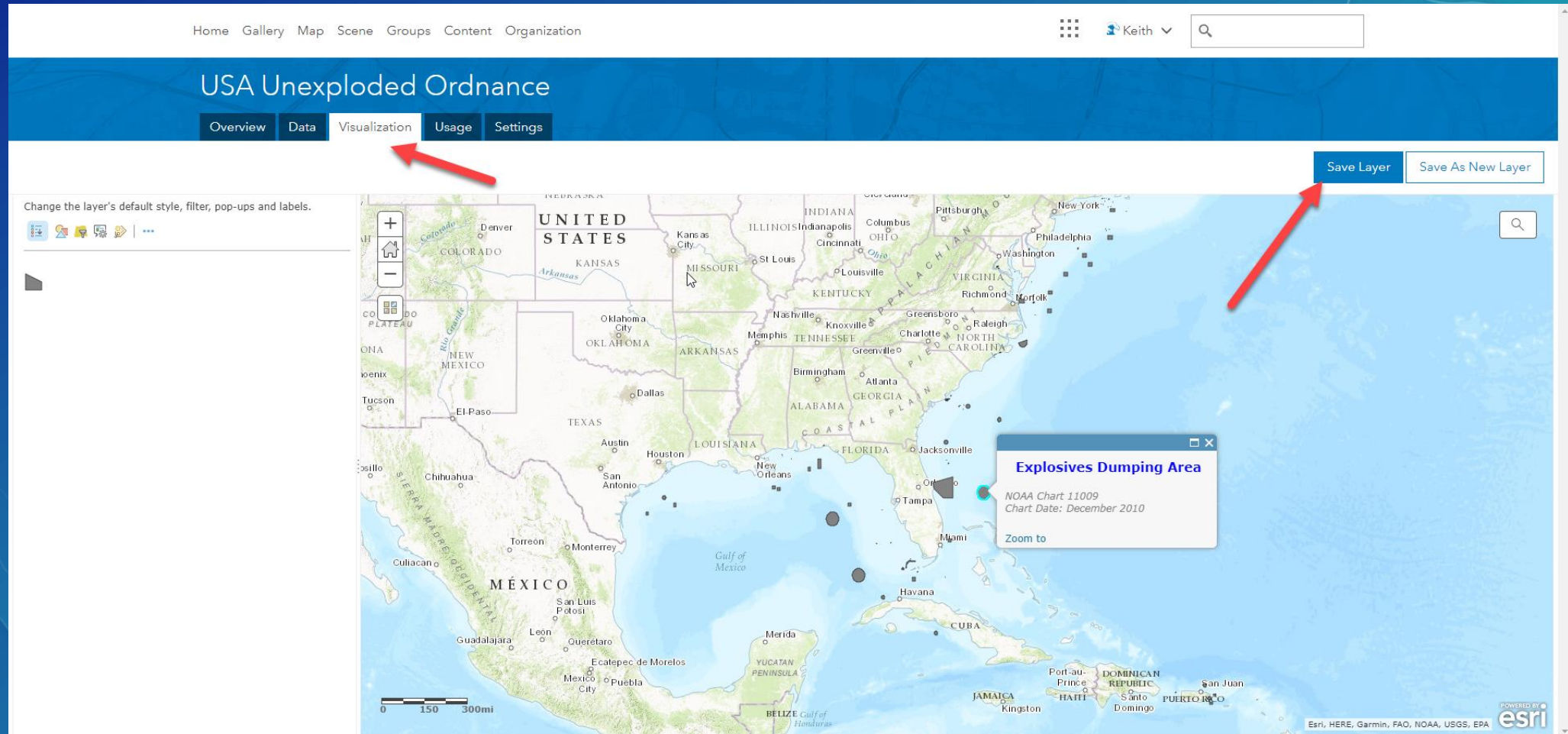
Size: 1,008 KB

Shared with: The item is not shared.



Managing Web Layer

Default behavior



Managing Web Layer

Extent

USA Unexploded Ordnance

Overview Data Visualization Usage Settings

General Settings Feature Layer (hosted) Settings

General Settings

Delete Protection

☒ Prevent this item from being accidentally deleted.

Extent

Top: 72.33

Left: -177.2 Right: 177.69

Bottom: 13.09


Feature Layer (hosted) Settings

Editing

Set Extent

Find address or place

Enable map navigation



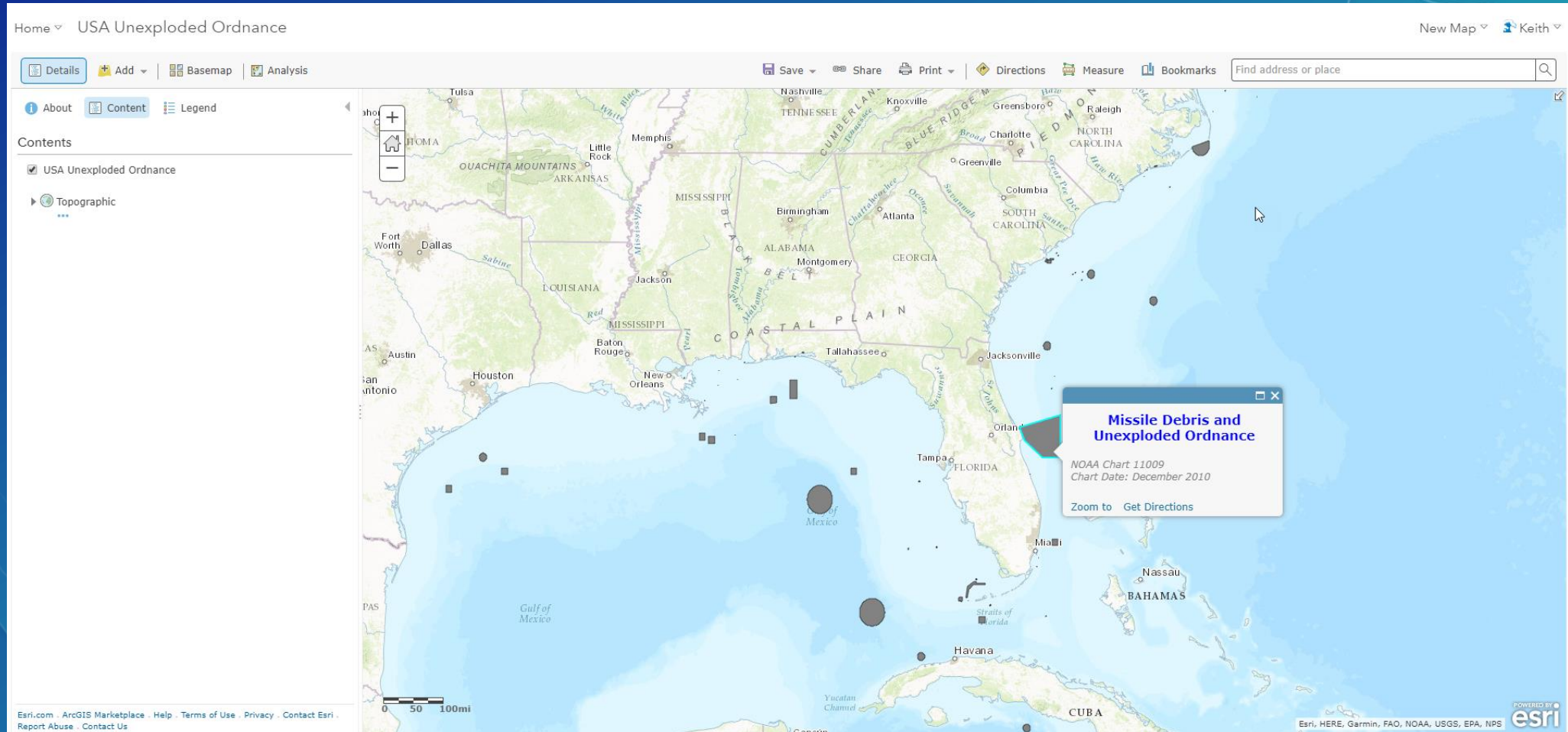
Left: -92.818 Right: -71.373

Top: 36.613 Bottom: 20.979

OK Cancel

Managing Web Layer

Launch in Web Map Viewer and Test



Recap

- **Planning**

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Please Take Our Survey on the Esri Events App!

Download the Esri Events app and find your event



Select the session you attended



Scroll down to find the survey



Complete Answers and Select "Submit"



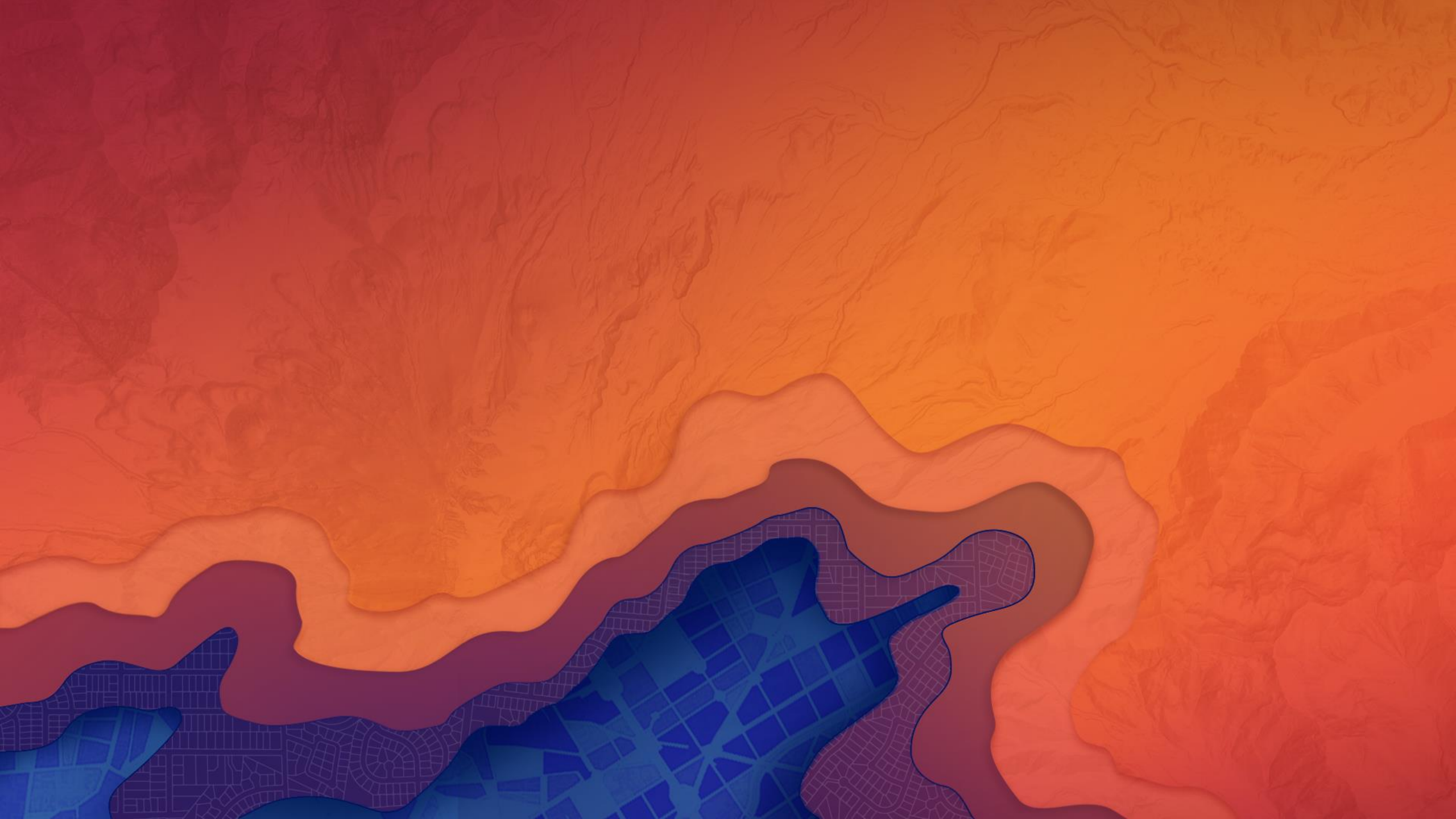
Section Header

SUBHEAD INFORMATION



Header for Demo Slide

Supporting Text





esri

THE
SCIENCE
OF
WHERE