What Makes a good content item GREAT?

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Tuesday - 4:30 PM - 5:15 PM
SDCC - Demo Theater 04 - Living Atlas

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

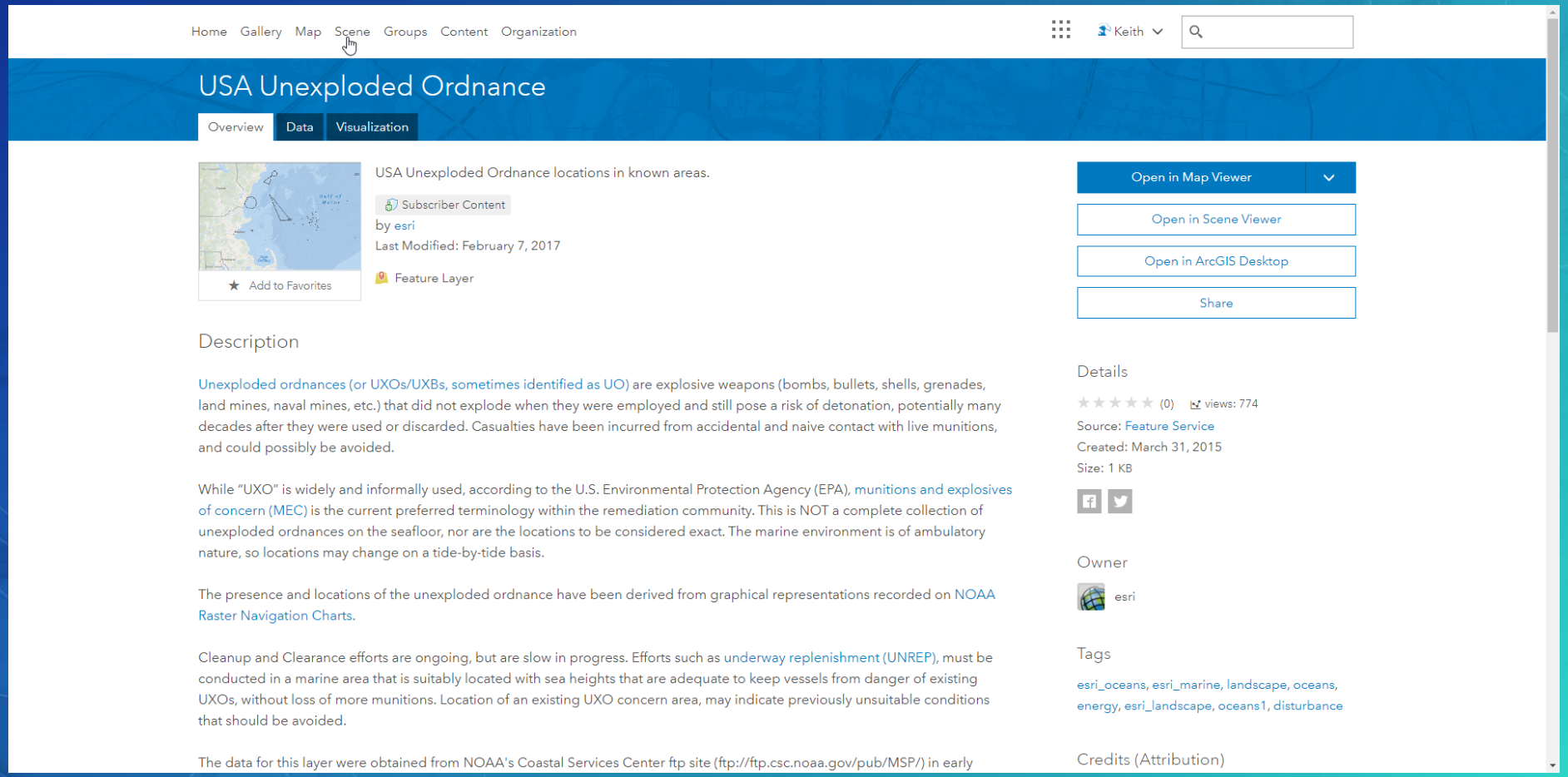
Feature Service Publishing Overview

- 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!



Planning for Publishing

Why is this layer being published?

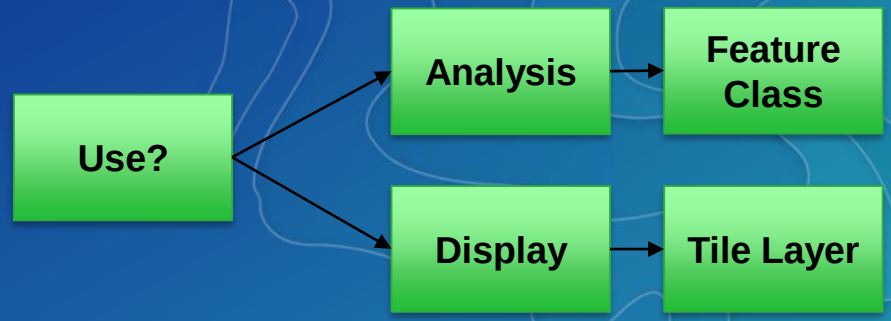
Who is the audience?

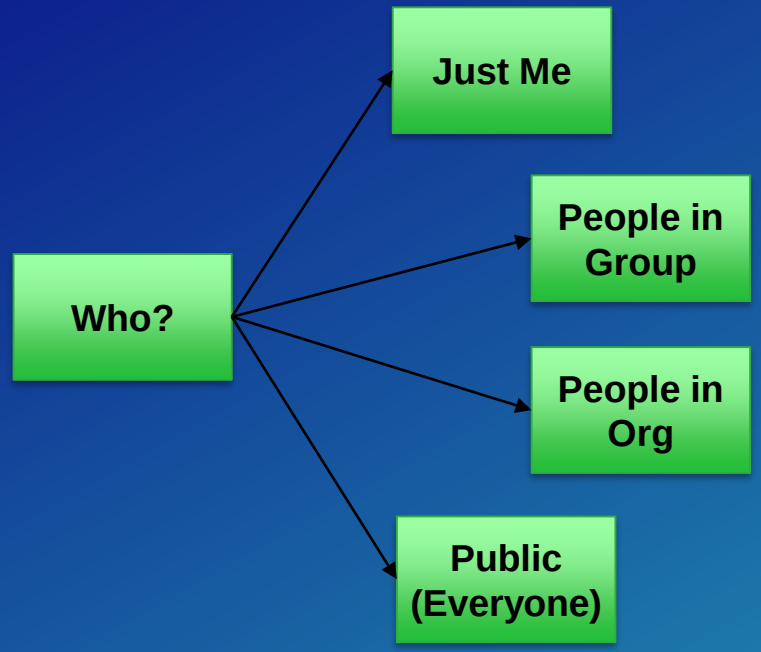
What is it going to be used for?

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.

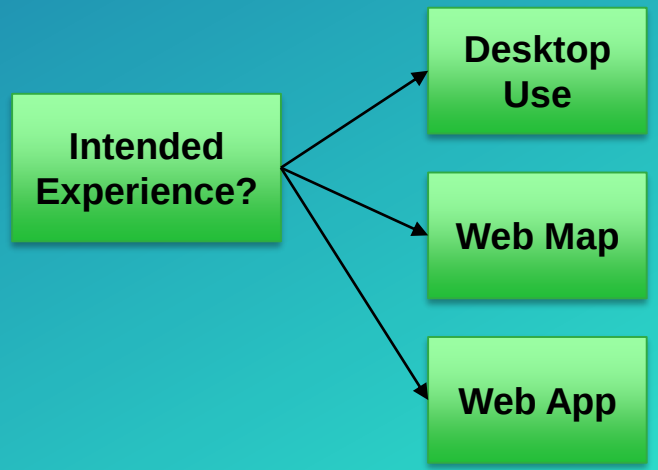
How is the data going to be used?





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:

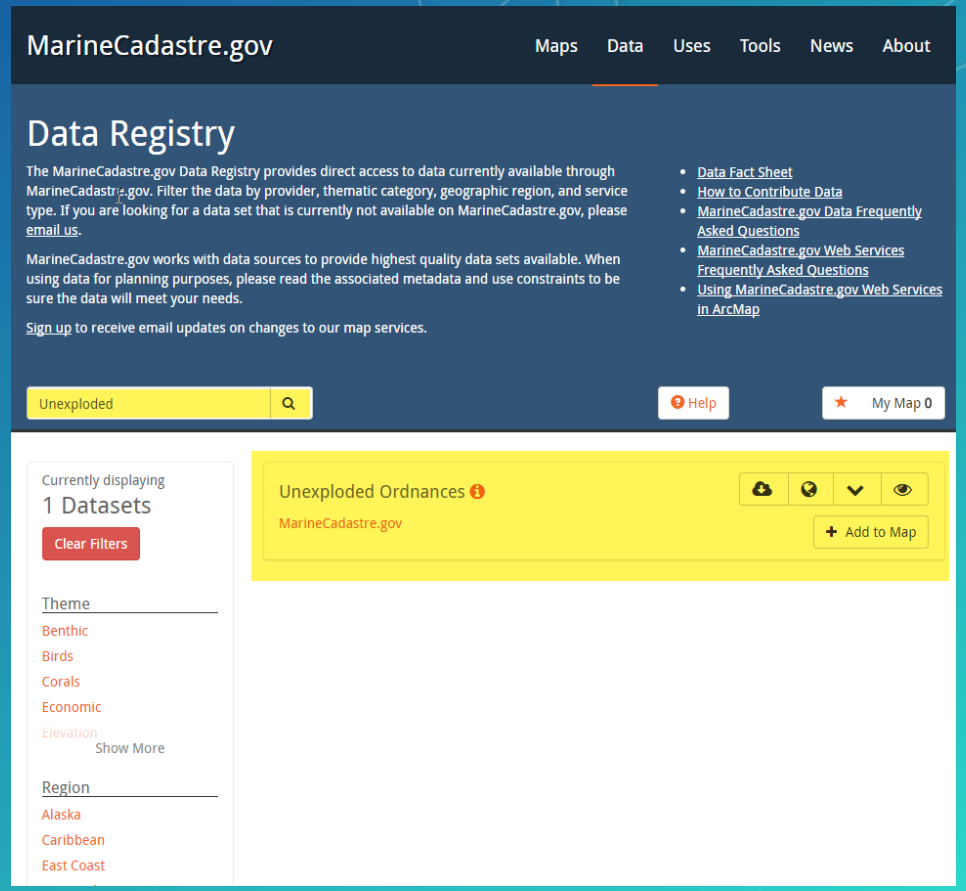
Are there any restrictions for using this data?

GIS Workflow

Download data from source.

Extract.

Import into your ArcGIS Pro Project.



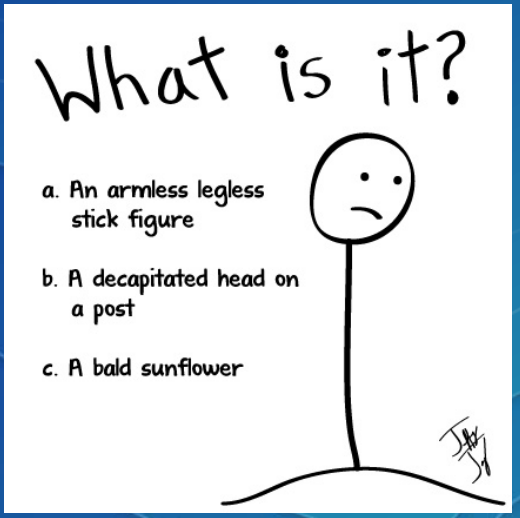
GIS Workflow

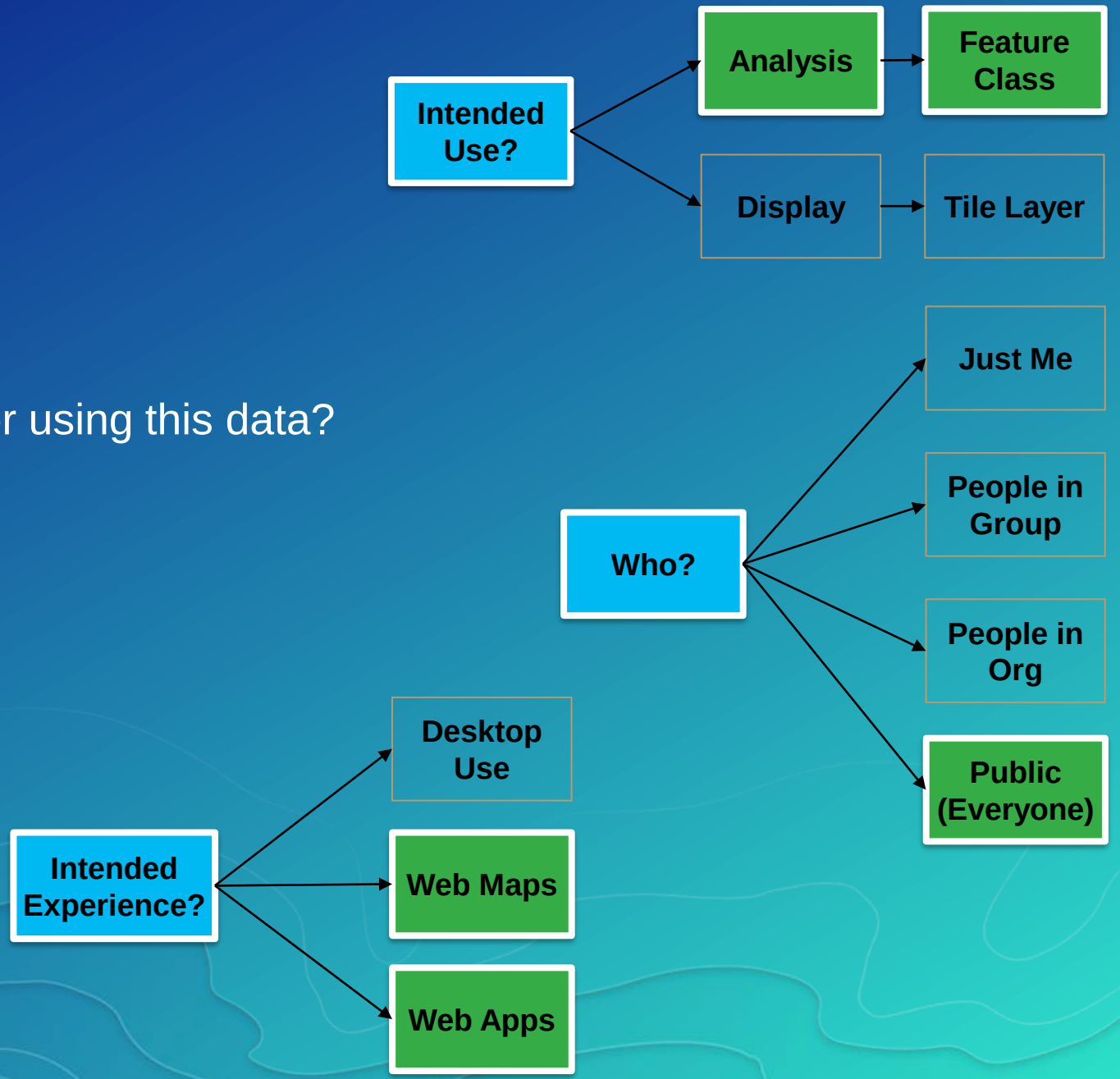
What is it?

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

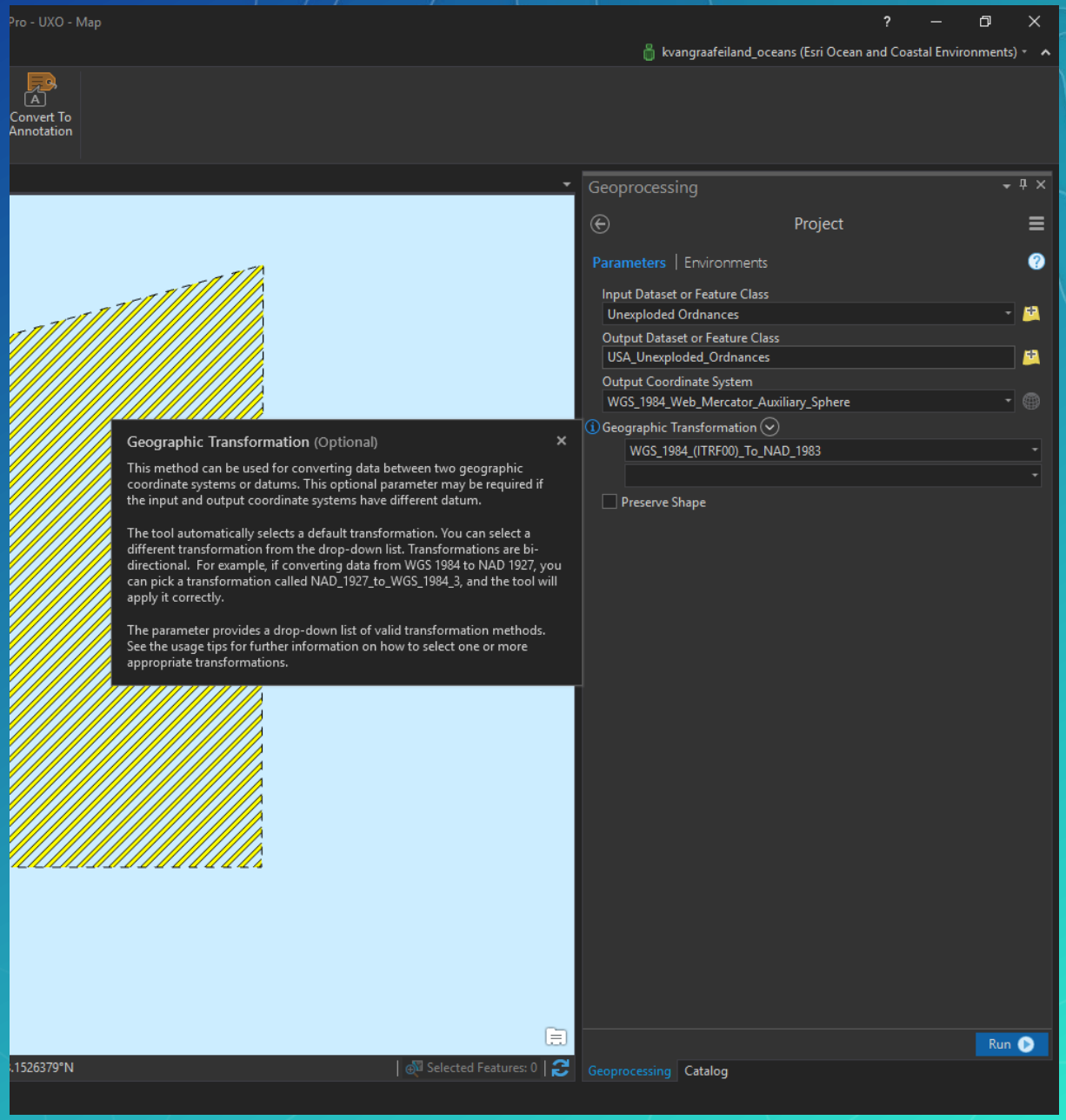
Insert - Map

Coordinate System

Project the data into Web Mercator

Output GP results to the ArcGIS Pro Project GDB.

Name Layer Accordingly



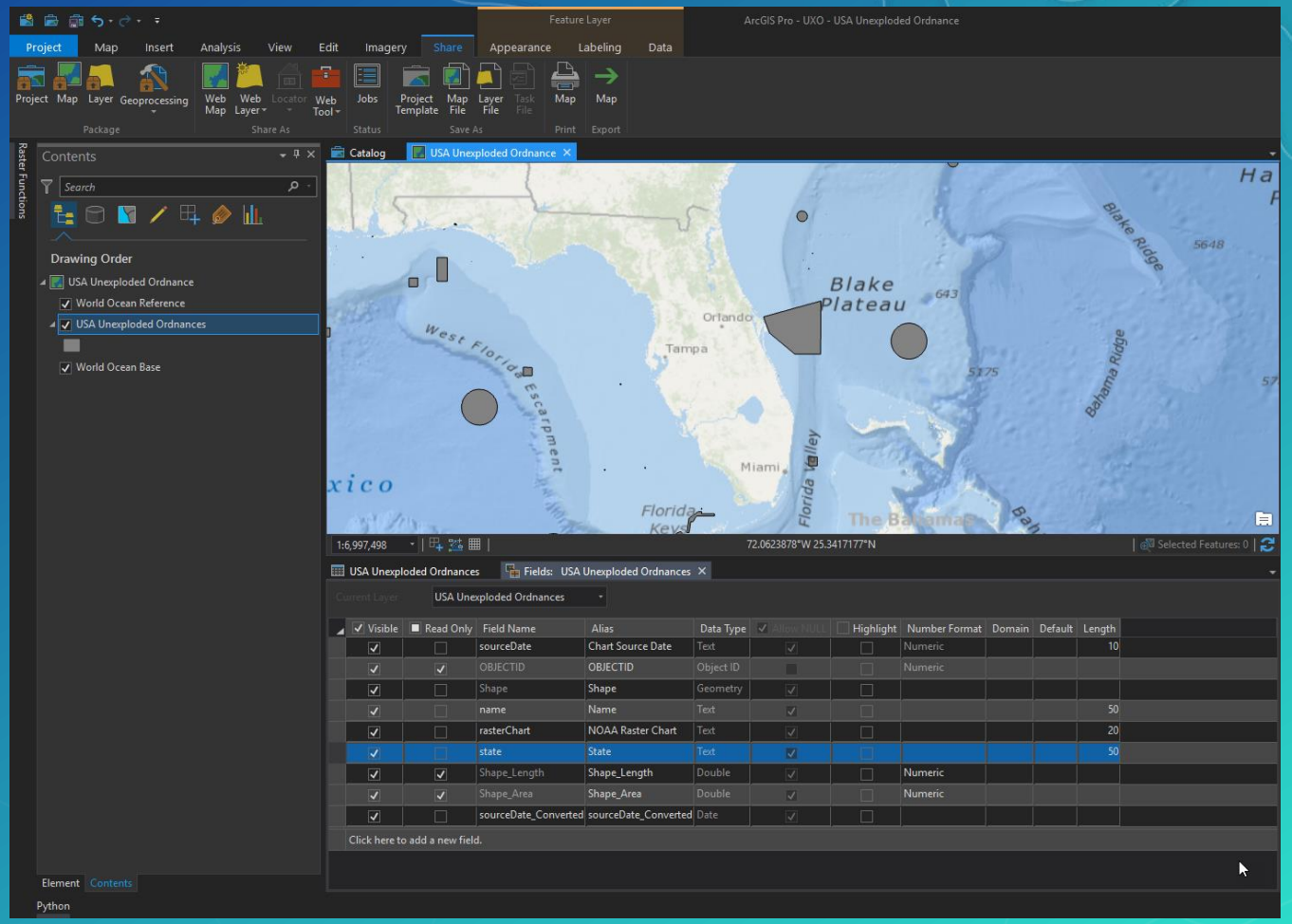
GIS Workflow

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?

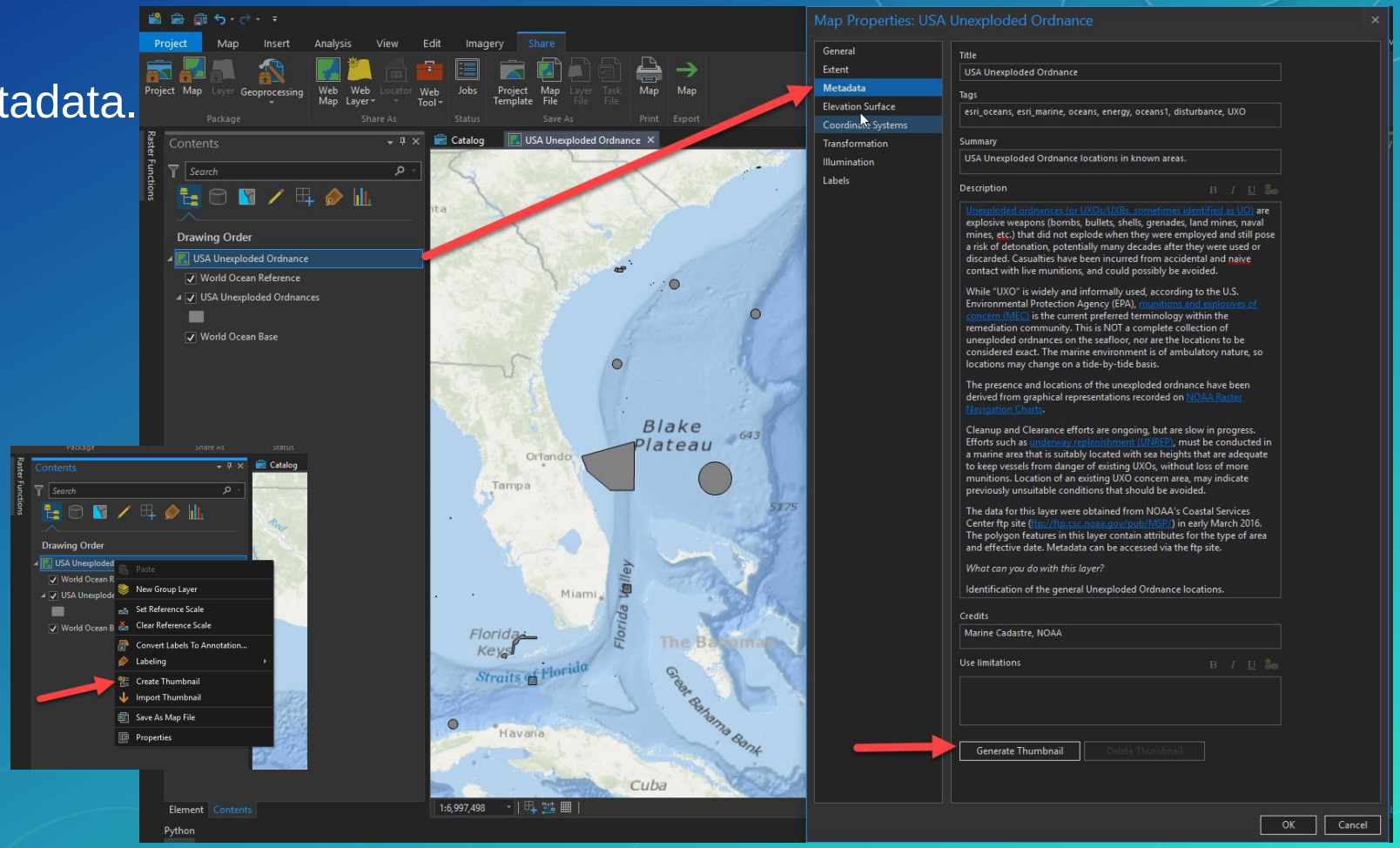


GIS Workflow

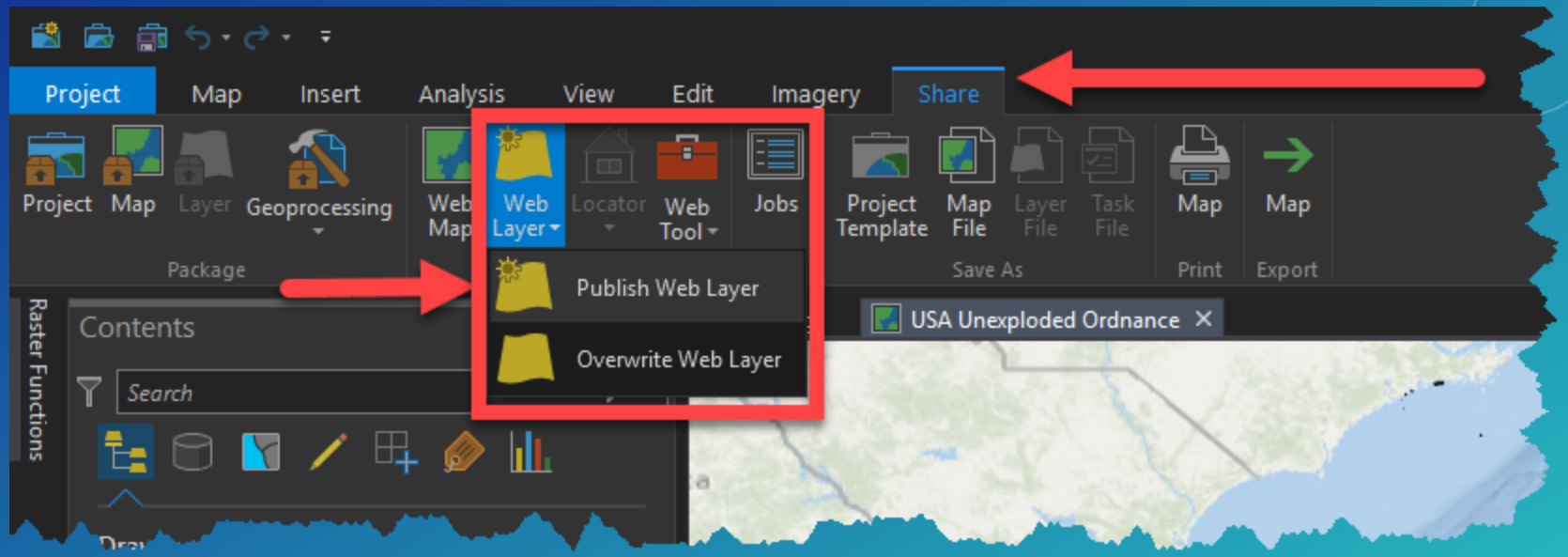
Map Metadata

Map properties - edit the Metadata.

Create Thumbnail

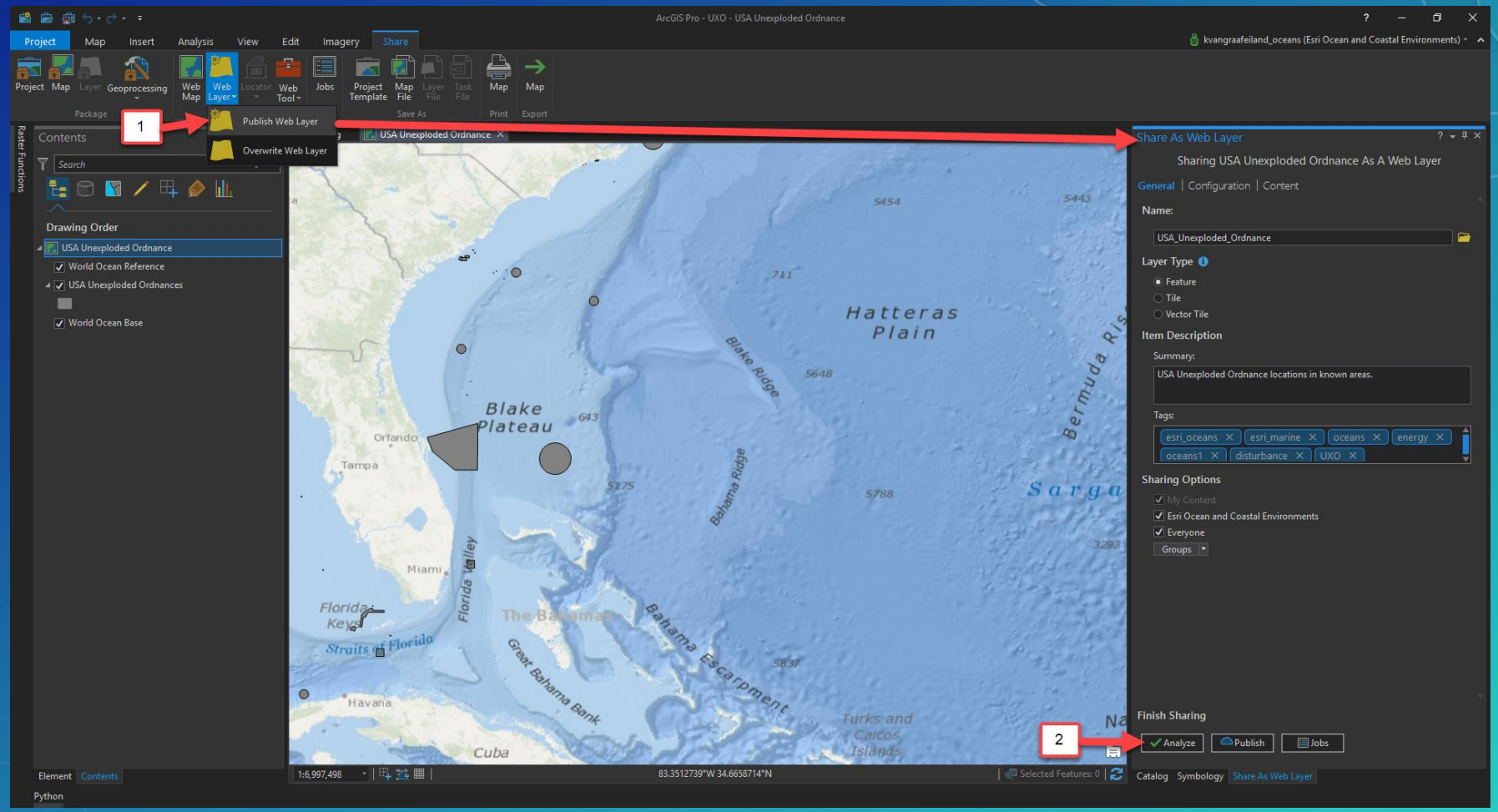


GIS Workflow



Sharing your data

GIS Workflow



Share as a Web Layer

GIS Workflow

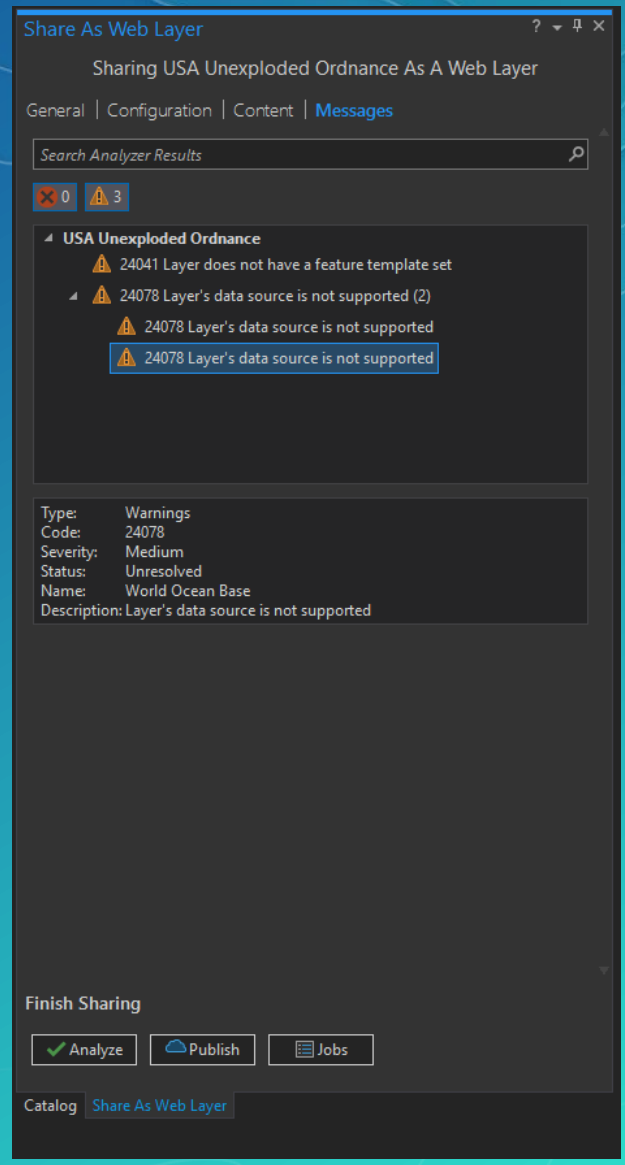
Analyze

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.

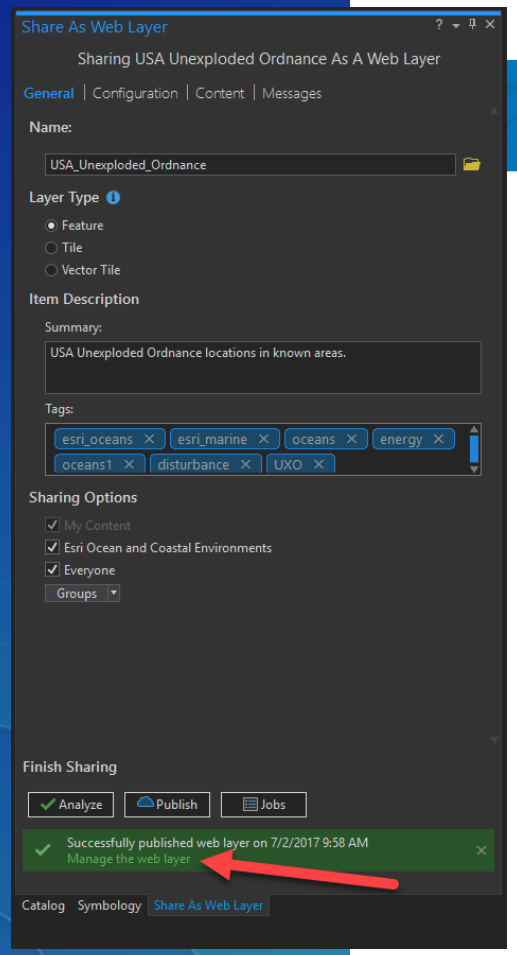
Publish

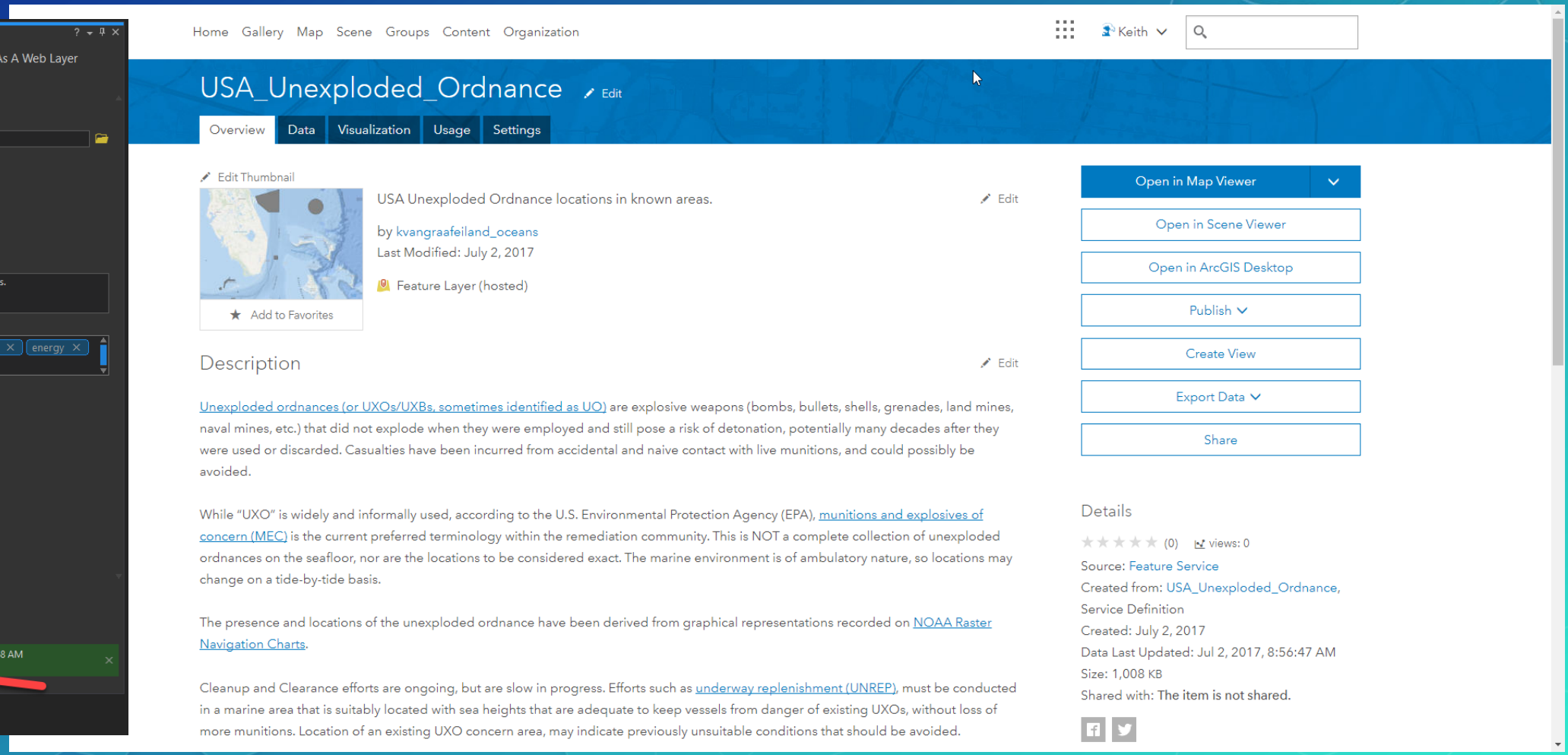
Ignore these errors and click “Publish”.



Managing Web Layer

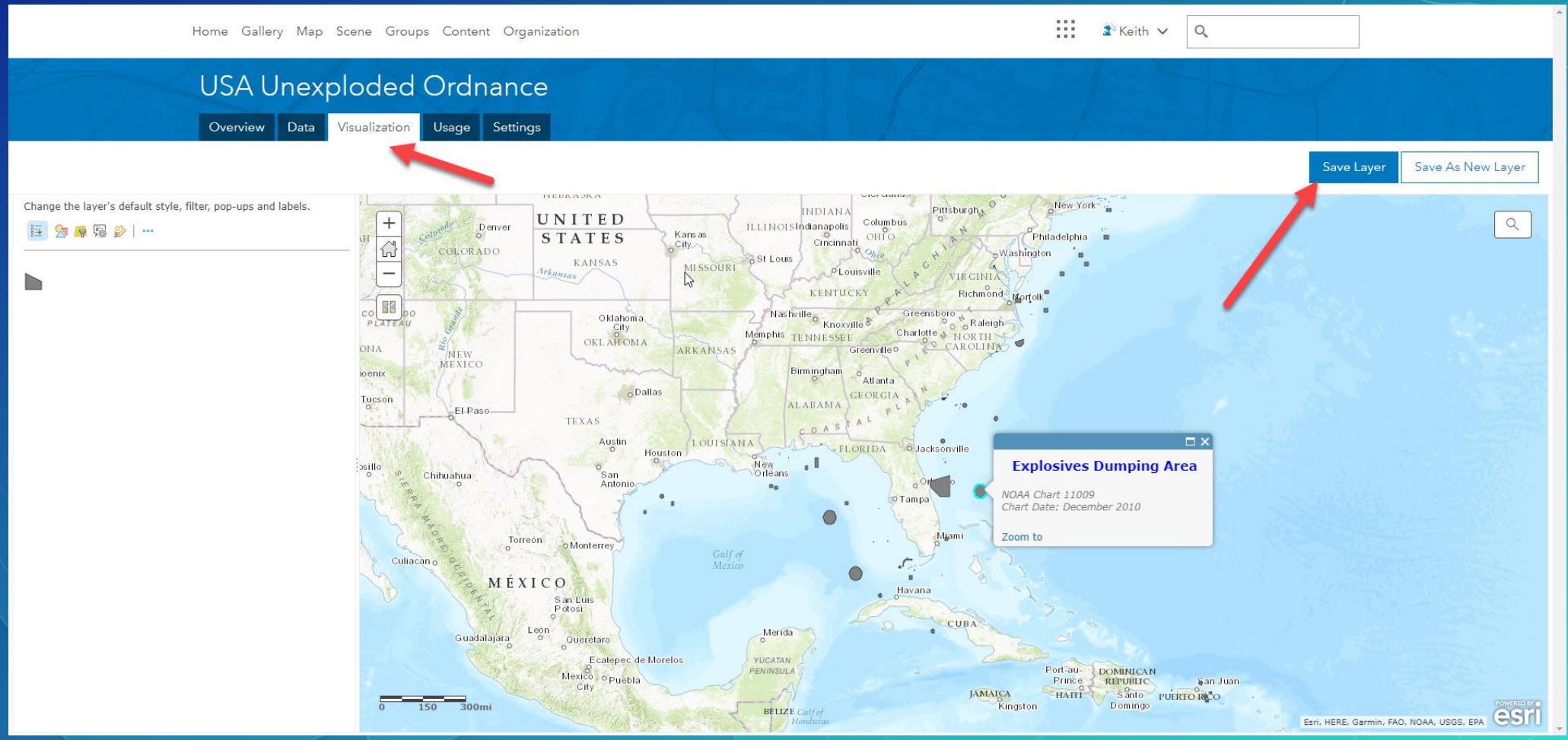
Content Item





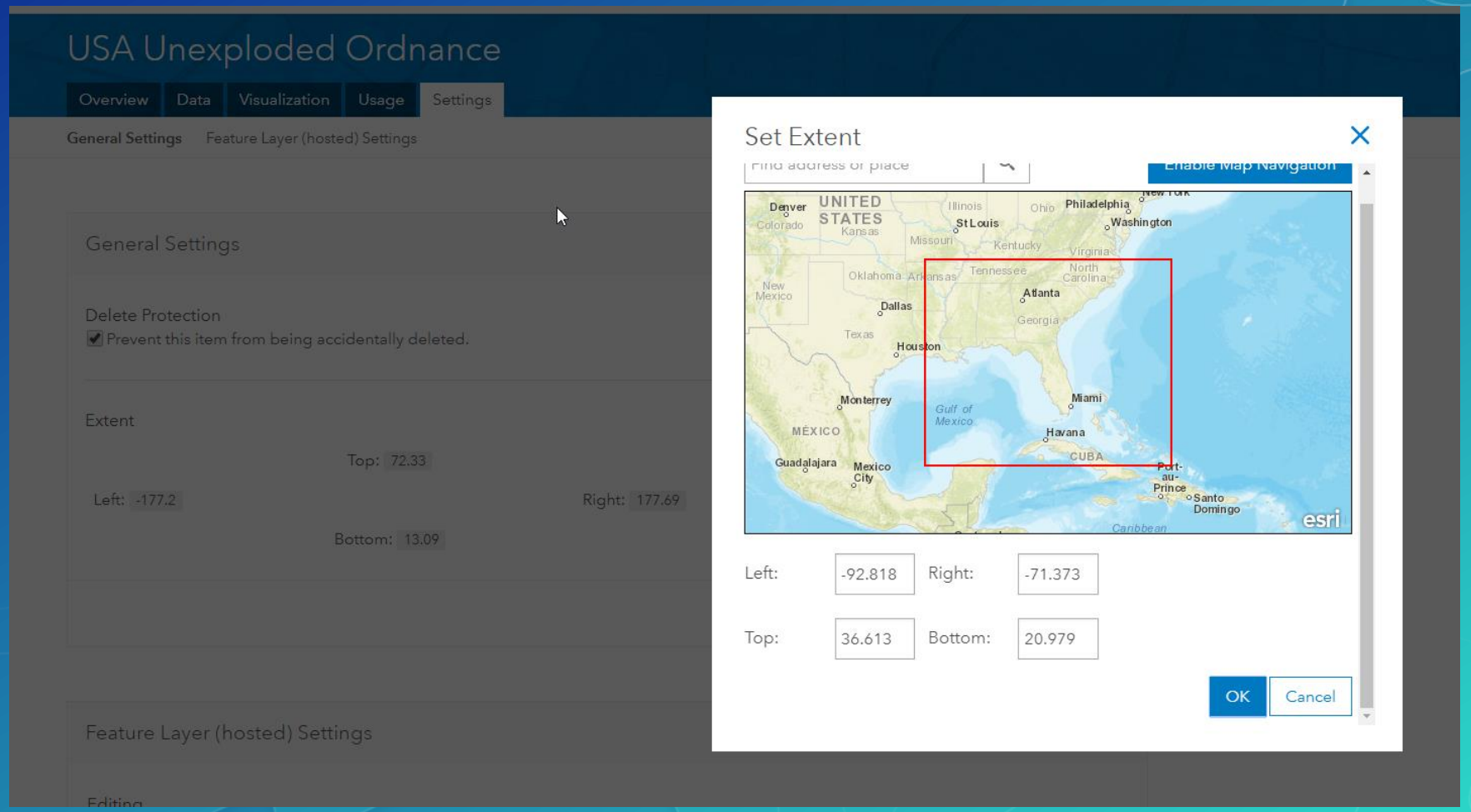
Managing Web Layer

Default behavior



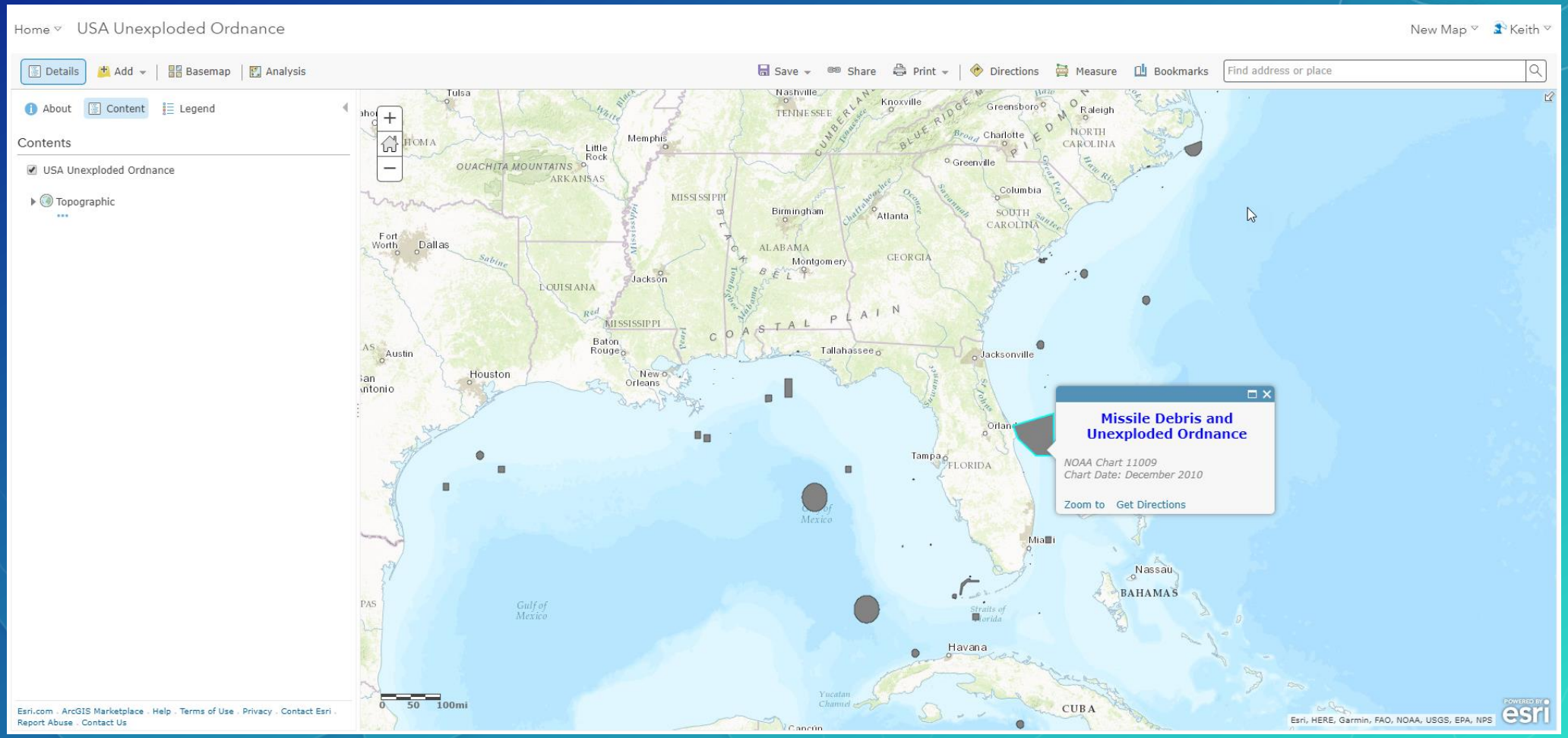
Managing Web Layer

Extent



Managing Web Layer

Launch in Web Map Viewer and Test



Recap

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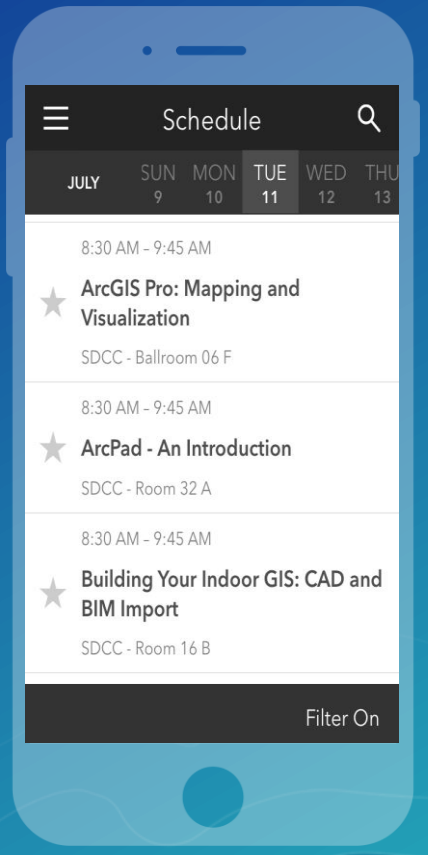
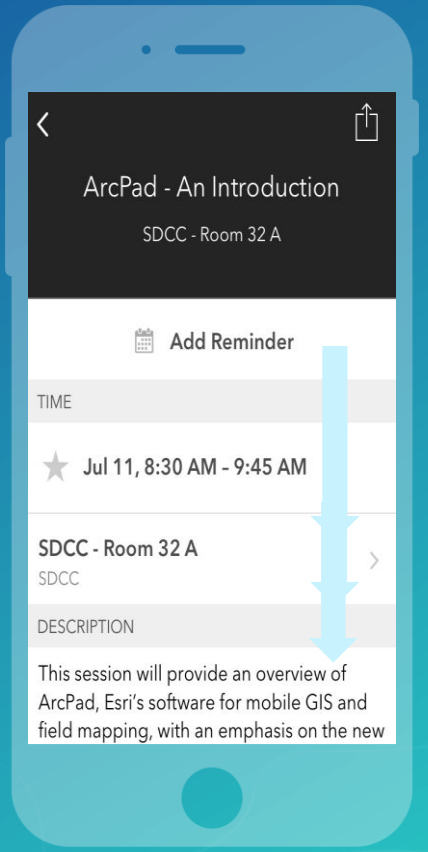
Please Take Our Survey on the **Esri Events App!**

Download the Esri Events app and find your event

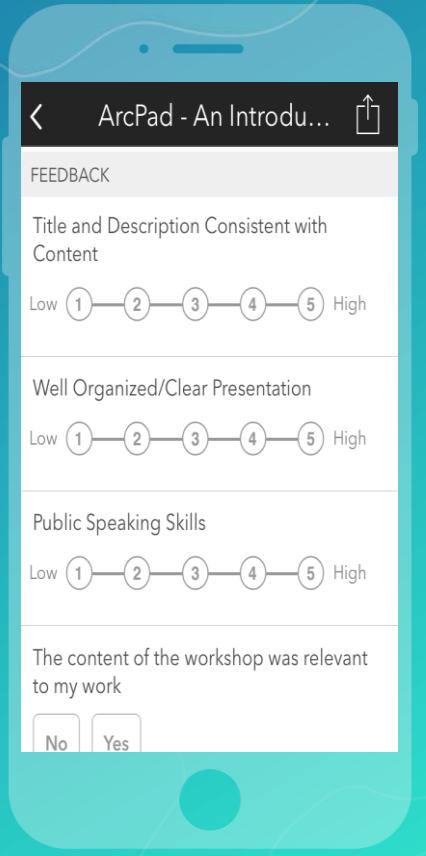
Select the session you attended



Scroll down to find the survey



Complete Answers and Select "Submit"

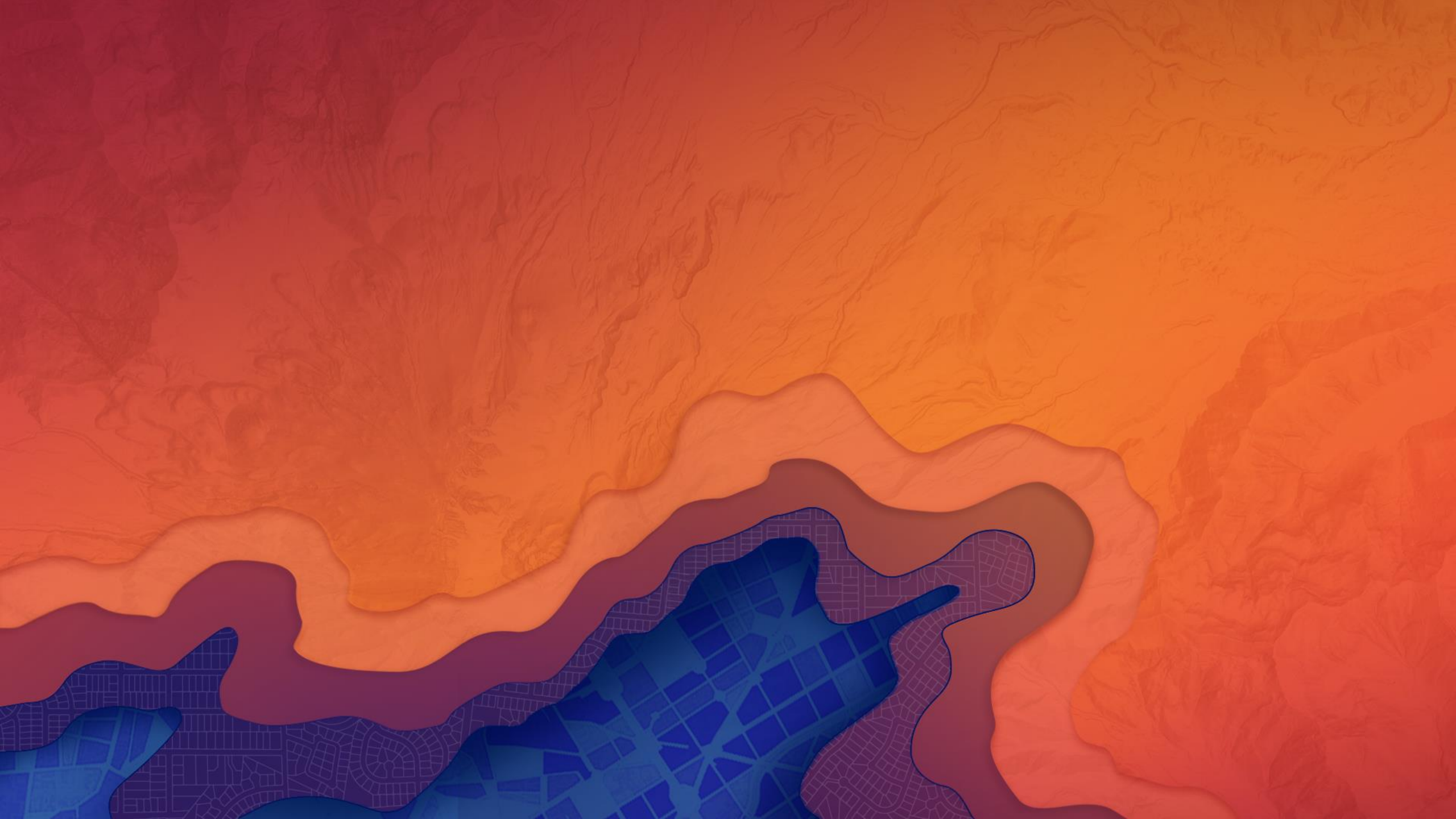


Section Header

SUBHEAD INFORMATION

Header for Demo Slide

Supporting Text



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