

IndianaMap Community Accounts – Key Features and Guide

The IndianaMap.org website is the authoritative place for Geographic Information about the State of Indiana, and there are many ways to access the data that is hosted on IndianaMap. The site launched in 2022 includes a feature called Community Accounts which allows users to access free data storage and custom web map/application capabilities. This document will overview the main features of a Community Account and describe how to access and save IndianaMap data and web maps.

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What is a Community Account?

IndianaMap is deployed on ESRI's ArcGIS Hub platform. ArcGIS Hub is a solution that allows organizations to create custom online sites and share geospatial data and applications with the general public. Many government GIS open data sites are built on the ArcGIS Hub platform, which is integrated with ArcGIS Online to allow content to be shared to the public through open data-designated groups. ArcGIS Hub also integrates a variety of APIs that allow geospatial data to be filtered and downloaded in a variety of formats.

ArcGIS Hub is available at two license levels – basic and premium. Hub Premium integrates additional functionality into Hub initiatives, including an event management system, and community identities for constituents. Community identities are free accounts that the general public can sign up for. Once signed up, users gain access to a Creator-level ArcGIS Online account (for more information, see below).

ArcGIS Online is one of ESRI's primary web-based mapping software solutions. The IndianaMap Hub Premium platform includes a standalone ArcGIS Online organization administered by Indiana Geographic Information Office (IGIO) staff. All users who sign up for a Community account are granted access to this organization – with the URL <https://inmap-hub.maps.arcgis.com/>.

What is Granted in an ArcGIS Online Creator License?

IndianaMap Community licenses include 500 credits for users to take advantage of. Credits are a currency used in ArcGIS Online and are consumed when hosting data, performing geoprocessing or analysis, geocoding user the ESRI World Geocoder, and using premium content (demographic reports).

If a user consumes their allocated credits, email Matt Evans at mevans@iot.in.gov to discuss allocating more credits to your account.

Users can upload tabular or geospatial data to the ESRI cloud-based hosting environment and create web services from a variety of different file formats.

- Some file types of note:
 - CSVs or Excel files
 - File Geodatabases (must be zipped to upload)
 - Shapefiles (must be zipped to upload)
 - Documents
 - Images
 - Web service types of note:
 - If publishing a geospatial web service, the ESRI feature layer and feature service are the default service type. Users can publish OGC-compliant WFS and tile layers from already-published feature services.

ArcGIS Online licenses include access to custom web mapping capabilities. Users can integrate their own custom data, data from IndianaMap, and hosted geospatial data from a variety of other platforms including other servers and the ESRI Living Atlas of the World.

The ESRI web map allows users to customize how layers are visualized (symbolology), how layers are labeled, what information appears when a user clicks on a feature on the map (pop-ups) including powerful Arcade expression.

A Creator license also grants users access to a suite of out-of-the-box and custom web mapping application templates including:

- ArcGIS StoryMaps
 - Integrate web maps and geospatial data with narrative content. Allows users to customize the experience on different screen sizes (phone, tablet, pc, etc)
- Dashboards
 - Integrate a variety of data analytics and reporting methods with web maps and geospatial data
- Experience Builder
 - Create low-code or no-code custom web applications with flexible layouts and widgets.
- Survey123
 - Create and share surveys that populate results in tabular or geospatial formats

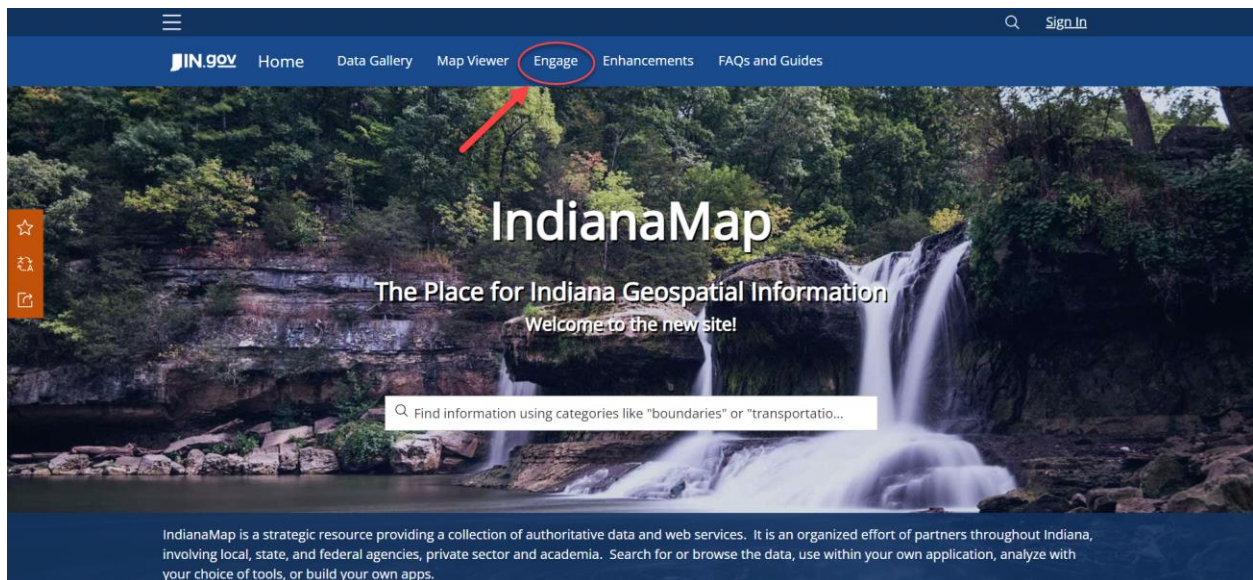
ArcGIS Online includes a variety of geoprocessing/analysis tools that users can take advantage of. Some examples include:

- Join Features: adds and/or summarizes attributes from one layer into another layer. Both attribute and spatial joins are supported.
- Summarize Within: calculates statistics of features within specified areas.
- Enrich Layer: adds a variety of demographic and landscape data to a dataset from custom commercial ESRI datasets.
- Find Hot Spots: calculates statistically significant clusters of point features.
- Interpolate Points: create predicted values at new locations based on existing point data.
- Calculate Travel Cost: calculate travel time or distance between pairs of points using road network data.
- Merge Layers: combine datasets into a single output layer.
- Geocoding is a process that creates points from tabular address data. IndianaMap Community users have access to two geocoding options: the Indiana Geographic Information Office's custom geocoder (titled Indiana State Geocoder WGS84) that utilizes data collected annually from the Data Harvest program; and the ESRI World Geocoding Service. The ESRI World Geocoding Service costs credits to use.

Signing Up for an Account

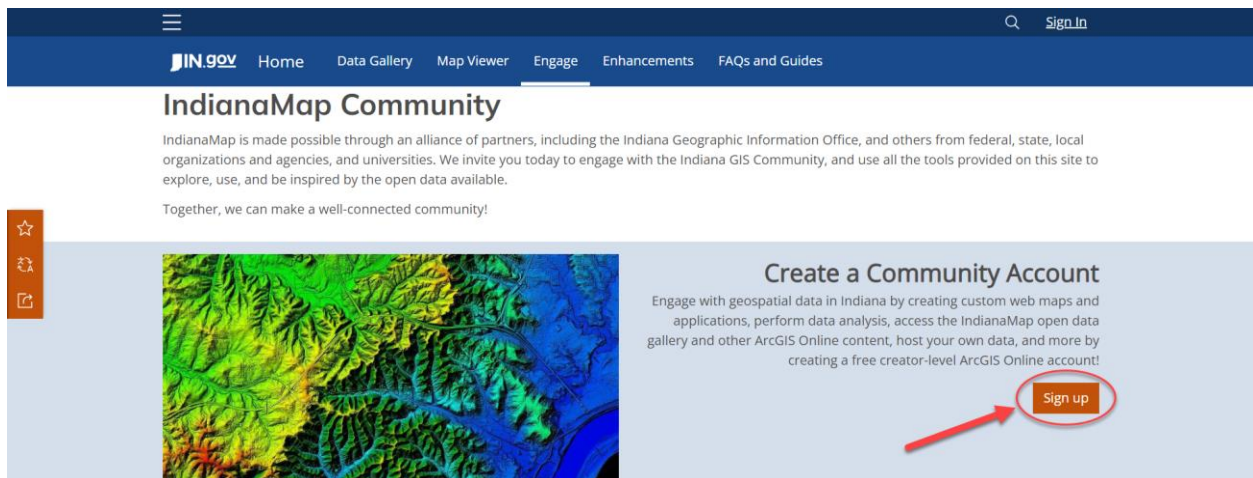
To begin the process of creating an IndianaMap Community account, first go to indianamap.org.

Click on the **Engage** button on the blue ribbon near the top of the page.



The Engage page is the landing page for users to sign up for Community accounts and access the Community ArcGIS Online organization once an account has been created.

To begin creating an account, click on the orange **Sign Up** button highlighted below.



Clicking on Sign Up will launch a new tab, requiring you to enter your first/last name, and email address. You must check the boxes confirming that you accept the ESRI Master Agreement and ESRI ArcGIS Online Privacy Policy. You can also access a Community account through 4 single sign on (SSO) options – GitHub, Facebook, Google, and Apple. To create an account with one of these options, click on the corresponding icon below the blue **Next** button.

A Indiana Map Community account allows you to:

- Follow initiatives and events for updates
- Sign up to attend events
- Create web maps and story maps

First name

Last name

Email

Confirm email

Review the [Esri Master Agreement](#) and [Privacy Policy](#)
[Review the Esri Master Agreement and Privacy Policy in other select languages](#)

I accept and agree to be legally bound by

☐ Esri Master Agreement

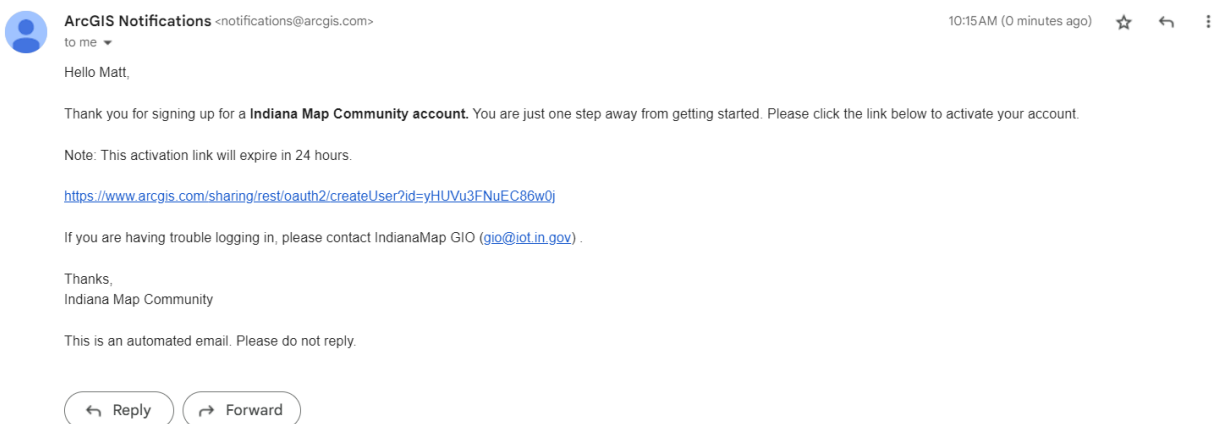
☐ Esri ArcGIS Online Privacy Policy

Next



After clicking **Next**, the system will send an email to the address you provided, enabling you to activate your account.

To activate your account, click on the link provided in the middle of the email. This link must be used within 24 hours. If you do not activate your account within 24 hours of the email being sent, you will need to start the process over.



Once you click on the activation link in the email, you will be prompted to enter some additional information to finish completing your account set up. Enter a username and password and select a security question and answer in case you need to reset your account's password in the future.

Set up your Indiana Map Community account



Username

The username must:

- Be between 6 and 128 characters in length
- Not include special characters other than . (dot), _ (underscore), @ (at sign), and - (hyphen)
- Not include a . (dot), - (hyphen), _ (underscore) or @ (at sign) as the first or last character of the username
- Not include spaces

Password

Password strength: **None**

The password must:

- Not match the username
- Be at least 8 characters long
- Contain at least 1 letter(s) (A-Z, a-z)
- Contain at least 1 number(s) (0-9)

Retype password

Security question

Answer

[Create account](#)

Once you have finished activating your account, you can sign into it from the IndianaMap site. To sign in, click on the **Sign In** button at the top right of any page on indianamap.org highlighted below.

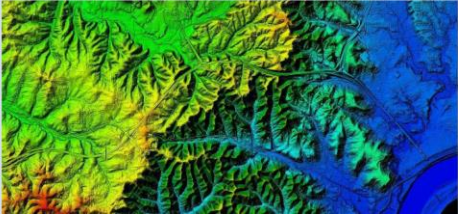


Once you have signed in to the site, navigate back to the Engage page. If you are signed in, the orange **Sign Up** button will change to display **Community Site**. Click on the Community Site button to navigate away from indianamap.org to inmap-hub.maps.arcgis.com, the Community ArcGIS Online organization's site.

IndianaMap Community

IndianaMap is made possible through an alliance of partners, including the Indiana Geographic Information Office, and others from federal, state, local organizations and agencies, and universities. We invite you today to engage with the Indiana GIS Community, and use all the tools provided on this site to explore, use, and be inspired by the open data available.

Together, we can make a well-connected community!



Welcome back

Thank you for engaging with the open data available and the community by using an IndianaMap account! Click the button below to go to community content.



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

    **Matt Evans**
mevans_test



IndianaMap Community AGOL Organization

Accessing IndianaMap Data

As of October 2023, all new accounts in the IndianaMap Community ArcGIS Online Organization are automatically added to a group titled “IndianaMap Community Data Sharing”. All content from indianamap.org is shared to this group, allowing you to more seamlessly add IndianaMap data to your maps and applications.

To view this group, click on **Groups** at the top ribbon of your screen, then click on **View Group Details** on the IndianaMap Community Data Sharing group.

The screenshot displays the ArcGIS Online user interface. At the top, a navigation ribbon includes links for Home, Gallery, Map, Scene, Groups, Content, and Organization. The 'Groups' link is circled in red, with a red arrow pointing to it. Below the ribbon, a large banner reads 'IndianaMap Community AGOL Organization'. The main content area shows the 'Groups' page with a blue header bar containing 'Groups', 'My Groups', 'Featured Groups', and 'My Organization's Groups'. A search bar and a '+ Create group' button are at the top left. On the left, a 'Filters' panel allows users to refine group searches. The main list shows three groups: 'Indiana Map Members', 'IndianaMap.GIQ', and 'IndianaMap Community Data Sharing'. The 'IndianaMap Community Data Sharing' group is highlighted, showing its description, last update date (Nov 15, 2023), and sharing settings (Viewable by: Everyone (public), Any organization).

Home Gallery Map Scene **Groups** Content Organization

IndianaMap Community AGOL Organization

Home Gallery Map Scene **Groups** Content Organization

Groups My Groups Featured Groups My Organization's Groups

+ Create group Search groups

Filters

Only show groups with new membership requests

Owner

- mevans_test
- Another organization member
- Someone outside the organization

Current members are from

- My organization only
- Another organization

Group membership setting

1-3 of 3

Indiana Map Members

This group contains all members of your ArcGIS Hub community organization. Members are automatically added to this group when joining your community organization, changes to this group may cause unexpected behavior in ArcGIS Hub.

Last updated: Dec 7, 2021 | Viewable by: Everyone (public)

IG IndianaMap.GIQ View group details

IndianaMap Community Data Sharing

Group to share data from IndianaMap.org to the IndianaMap Community ArcGIS Online organization.

Last updated: Nov 15, 2023 | Viewable by: Everyone (public) | Any organization

IG IndianaMap.GIQ View group details ...

IndianaMap Community Data Sharing

Group to share data from IndianaMap.org to the IndianaMap Community ArcGIS Online organization, owned by [inmap-hub](#)

 Any organization

Create Web App ▾

Description

An in-depth description of the group is not available.

Recently added content

The figure displays four sequential screenshots of the IndianaMap web application, demonstrating its capabilities for displaying different types of geographic data. Each screenshot shows a map of Indiana with a specific layer selected, a sidebar with navigation and layer controls, and a footer with the IndianaMap logo and social media links.

- PLSS County Boundaries:** The first screenshot shows the map with PLSS County Boundaries highlighted. The sidebar includes a "Feature Layer" dropdown and a "View count: 143" indicator.
- Census Tracts with Population (by Race) 2021:** The second screenshot shows the map with Census Tracts with Population (by Race) 2021 highlighted. The sidebar includes a "Feature Layer" dropdown and a "View count: 294" indicator.
- Census Tracts with Population (by Age & Sex) 2021:** The third screenshot shows the map with Census Tracts with Population (by Age & Sex) 2021 highlighted. The sidebar includes a "Feature Layer" dropdown and a "View count: 263" indicator.
- County Seats:** The fourth screenshot shows the map with County Seats highlighted. The sidebar includes a "Feature Layer" dropdown and a "View count: 174" indicator.

Details

Created: October 26, 2023
Viewable by: **Everyone (public)**
Contributors: **Only group owner and managers**
Members list: **Visible to group owner and managers**

Owner

IG inmap-hub

Membership

✓ You are a member

Tags

This group is joinable by a member of any ArcGIS Online organization. If you have an ArcGIS Online account from another organization, enter the following ID into your organization's URL:

[https://\[yourorganizationname\].maps.arcgis.com/groups.html?id= e7f0187b177d4f538e0bf3edc5209cb8](https://[yourorganizationname].maps.arcgis.com/groups.html?id=e7f0187b177d4f538e0bf3edc5209cb8). Once you have the page opened in your organization, click on **Join this group** to join the group, allowing you to easily integrate IndianaMap data into your maps and projects.

Saving Custom Views of IndianaMap Data

Accessing IndianaMap data from the ArcGIS Online interface allows users to save a custom (or non-custom) view of a layer without re-hosting the data. This is most easily accomplished through the web map viewer interface.

To open a layer in the web map viewer, click on the thumbnail of the layer you want to open. You can also click on the layer's title, and then click on the blue button that says **Open in Map Viewer**.

I

Group to share data from IndianaMap.org to the IndianaMap Community ArcGIS Online organization.
owned by inmap-hub
Any organization

Description

An in-depth description of the group is not available.

Recently added content

PLSS County Boundaries

Feature Layer

Created: Oct 27, 2023
Updated: Dec 6, 2023
View count: 143

IndianaMap

Census Tracts with Population...
(by Race) 2021

Feature Layer

Created: Oct 20, 2023
Updated: Dec 6, 2023
View count: 294

IndianaMap

Census Tracts with Population...
(by Age & Sex) 2021

Feature Layer

Created: Oct 20, 2023
Updated: Dec 6, 2023
View count: 203

IndianaMap

Indiana County Seats 2023

Feature Layer

Created: Oct 6, 2023
Updated: Dec 6, 2023
View count: 174

IndianaMap

Indiana County Seats 2023

OverviewDataVisualization

County Seats

Add to Favorites

This dataset contains point features representing the location of the primary county government administrative offices for each county seat in Indiana. This data was exported from a subset of features representing all city/town halls in Indiana (<https://gisdata.in.gov/portal/home/item.html?id=4bc9c57e433241e59475e208c4c1a9d#data>) and the points were manually moved based on contact information provided on each county government's website. For many smaller counties, these points are on top of the courthouse, but primary county office building locations were used when possible.

Feature layer by IndianaMap

Item created: Oct 6, 2023 Item updated: Dec 6, 2023 View count: 174

Open in Map Viewer

Open in Scene Viewer

Open in ArcGIS Desktop

Share

Metadata

Description

A county seat is an administrative center, seat of government, or capital city of a county or civil parish. The city, town, or populated place that houses county government is known as the seat of its respective county. Generally, the county legislature, county courthouse, sheriff's department headquarters, hall of records, jail and correctional facility are located in the county seat, though some functions (such as highway maintenance, which usually requires a large garage for vehicles, along with asphalt and salt storage facilities) may also be located or conducted in other parts of the county, especially if it is geographically large.

County seat addresses were obtained from each county government's website, and manually placed after searching for the address in Google Maps and placed on top of the main office building or courthouse using IGIO orthoimagery.

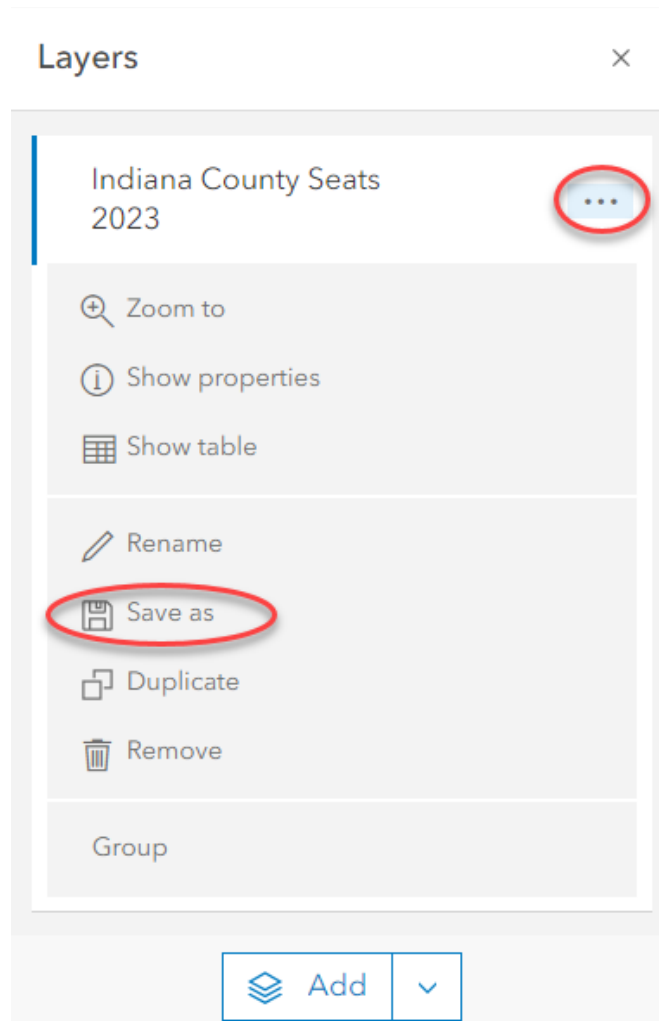
Details

Source: Feature Service
Size: 227.252 KB
ID: eeea2638f31c4e5e937681c86836fb61

☆☆☆☆



Once you have a layer opened in the web map viewer, or added to a web map, click on the three dots next to the layer name. This will expand a list of options for the layer. To save the layer to your content, click on **Save As**. If you want to customize the layer's symbology, labels, filtering, etc before saving you can do so in the map viewer (this can also be done on the layer after saving the initial item).



Once you press the **Save As** button, a new window will pop up that allows you to edit the new item’s name, which folder it will be saved in, the layer’s tags, and the layer’s summary. To save the layer as a new item, press the blue **Save** button.

Save as

×

Title

Test - Indiana County Seats 2023

Folder

mevans_test

▼

Tags

Government

×

Town Hall

×

City Hall

×

County Seats

×

Local Government

×

×

▼

Add tags

Summary

This dataset contains point features representing the location of the primary county government administrative offices for each county seat in Indiana. This data was exported from a subset of features

Characters left: 1466

Layer properties will be stored in a new item in My Content. The new item will become the source for the layer in this map. [Learn more](#)

Save

Cancel

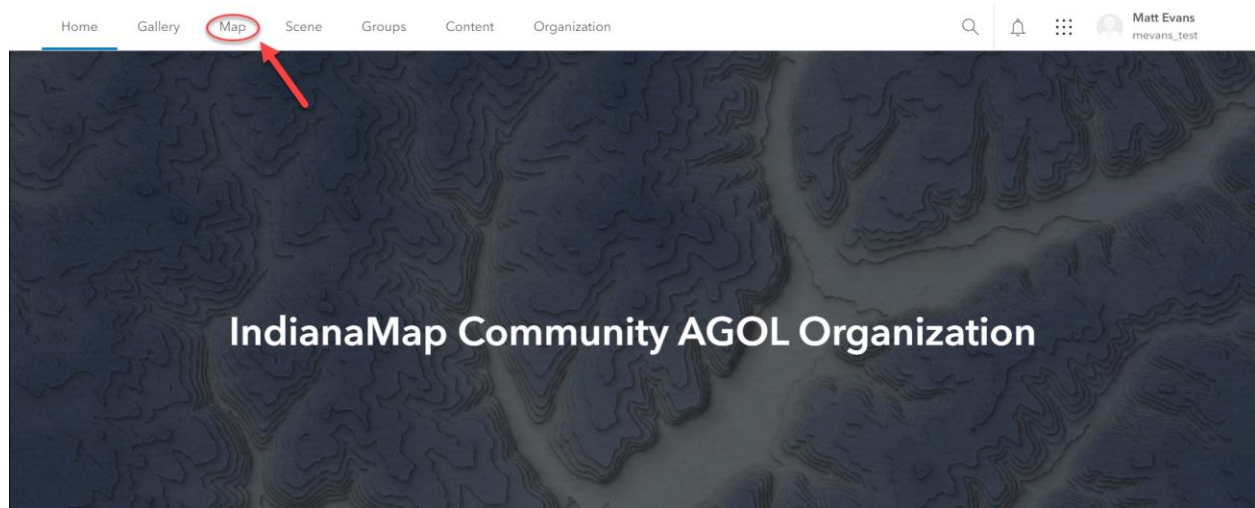
Once you have pressed **Save**, you can view the new item in your content.

1 - 13 of 13 in mevans_test

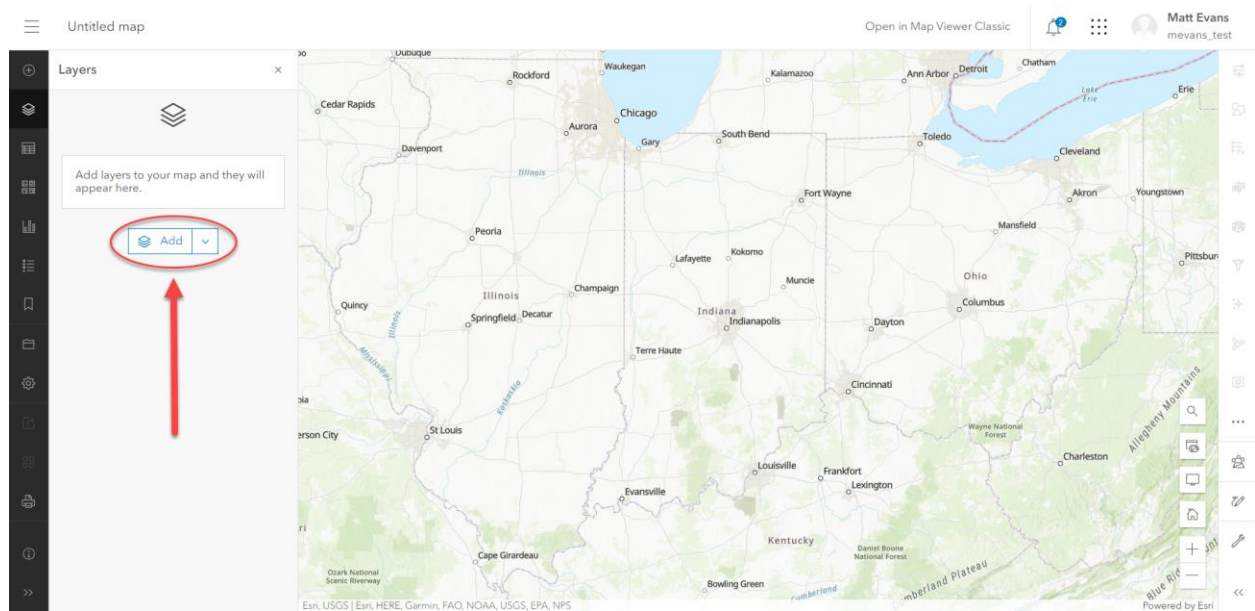
☐	Title			Modified
☐	Test - Indiana County Seats 2023	 Feature layer		☆ ... Dec 6, 2023

Integrating IndianaMap Data into Web Maps

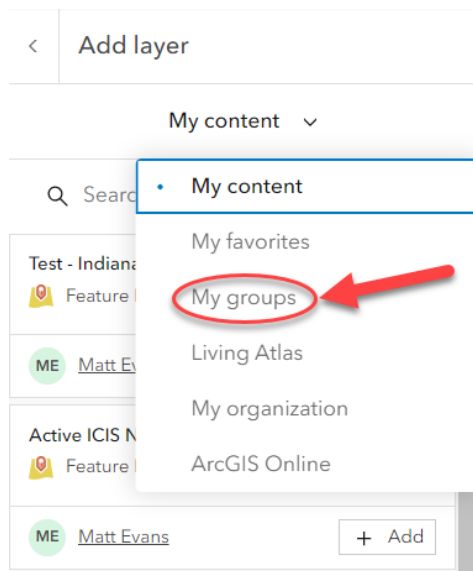
To begin creating a custom map, click on the **Map** button at the top ribbon of the home page.



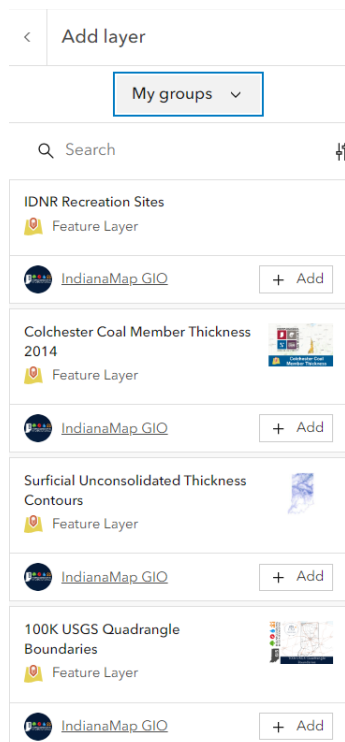
This will launch a blank web map. To begin adding data to the map, click on **Add** in the Layers pane on the left of the screen.



By default, the interface will show you content owned by your account. To view data shared to the Community ArcGIS Online organization, click on the drop-down, and select **My Groups**. Once that option is selected, content from the IndianaMap Community Data Sharing and any other group you have created or joined will be browsable and searchable.



To add a layer to the map, click on the **Add** button at the bottom right of each section.



Once you have added data to the map, the buttons on the right side of the screen allow you to customize the layer's symbology, filters, labelling, and more.

To save the map, click on the button that looks like a folder on the left side of the screen. Then click on the **Save** button at the top of the box that pops up.

