



BUILDING AND CUSTOMIZING OPEN DATA SITES

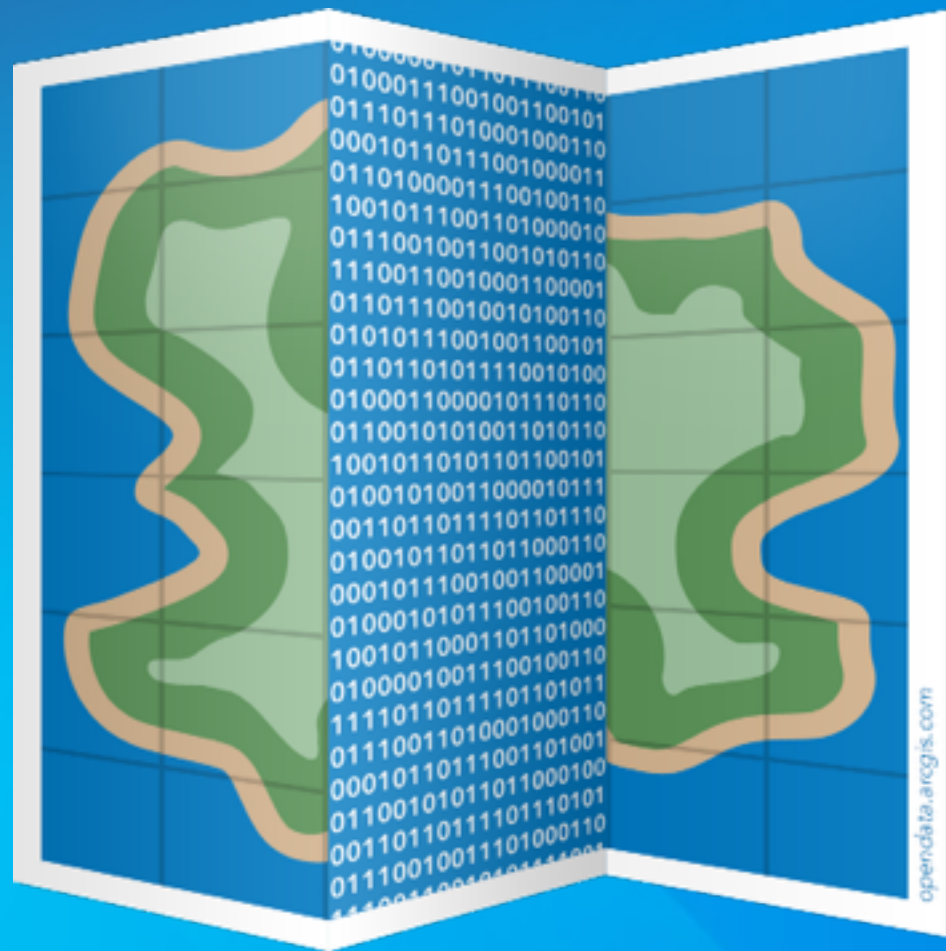
Erich Rainville / UI-UX Designer / ESRI R&D Center, Washington, DC

Overview

- Intro to ArcGIS Open Data
- Building Your First Open Data Site
- A Few Minor Adjustments
- Customizing Your Open Data Site



Intro to ArcGIS Open Data



ArcGIS Open Data v1.0

opendata.arcgis.com

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ArcGIS Open Data

opendata.arcgis.com

Open Data About Forums

About ArcGIS Sign In

Explore **27,239 Open Datasets** from **2,201 Organizations** Worldwide

Search for data about

Featured Organizations Sharing Data

MARYLAND .gov

UNIVERSITY OF MARYLAND

HALIFAX

DC .gov

SEAL OF THE STATE OF MARYLAND

LTDOT

Noteworthy Data

Minneapolis

Open Data Minneapolis

Health Air Quality

For more information about Air Quality in the City of Minneapolis, check the Health Department's page on the City website

Chesapeake VIRGINIA

City of Chesapeake Open GIS Data

Building Outlines

The original building outlines were created from the 2005 Pictometry aerial imagery. The Building Class field was added from the 2011 Community Basemap project and the type 'apartment' was added to that domain in 2011. New building outlines

The screenshot displays the Open Data ArcGIS.com interface. At the top, there are two featured dataset cards. The first is for Minneapolis, titled "Open Data Minneapolis", featuring a "Health Air Quality" dataset with a description and a download button. The second is for the City of Chesapeake, titled "City of Chesapeake Open GIS Data", featuring a "Building Outlines" dataset with a description and a download button. Below these is a "Newest Data" section containing three dataset cards: "Hennepin County GIS Open Data" with a "Ward Districts" dataset, and two "Publish to the Public" datasets from the National Park Service: "PFMD.DBO.FMSS EXPORT6" and "PFMD.DBO.BUILDING TABLE". Each card includes a description, a date, and a hashtag. At the bottom, there is an "Explore More Datasets" button and the Esri logo.

Open Data Minneapolis

Health Air Quality

For more information about Air Quality in the City of Minneapolis, check the Health Department's page on the City website

© December 11, 2014 #Health

City of Chesapeake Open GIS Data

Building Outlines

The original building outlines were created from the 2005 Pictometry aerial imagery. The Building Class field was added from the 2011 Community Basemap project and the type 'apartment' was added to that domain in 2011. New building outlines were acquired from the 2011-2012 Pictometry flight and replaced the whole layer...

© January 05, 2015 #building

Newest Data

Hennepin County GIS Open Data

Ward Districts

This dataset contains the boundaries of Voting Wards in Hennepin County where municipalities choose to use them. Based upon 2012 redistricting, some citi...

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#open data

Publish to the Public

PFMD.DBO.FMSS EXPORT6

This metadata record describes details of National Park Service (NPS) buildings spatial data contributed to the NPS buildings aggregated dataset by the par...

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#GRSM

Publish to the Public

PFMD.DBO.BUILDING TABLE

This metadata record describes details of National Park Service (NPS) buildings spatial data contributed to the NPS buildings aggregated dataset by the par...

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#GRSM

[Explore More Datasets](#)

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Building Your First Open Data Site

Quick Steps

1. Log into ArcGIS Open Data
2. Select CREATE NEW SITE
3. Give the site a name and a site url
4. Select the datasets to add to the site
5. Add the header branding name and logo
6. Add an introduction text to the homepage
7. Turn on some new features
8. Save and preview the site

LIVE DEMO



Search for open data



SEARCH WITHIN MAP



Erich

My Activity



The Appalachian Trail is one of the longest continuously marked footpaths in the world, measuring roughly 2,180 miles in length. The Trail goes through fourteen states along the crests and valleys of the Appalachian mountain range from the southern terminus at Springer Mountain, Georgia, to the Trail's northern terminus at Katahdin, Maine.

What is Open Data?

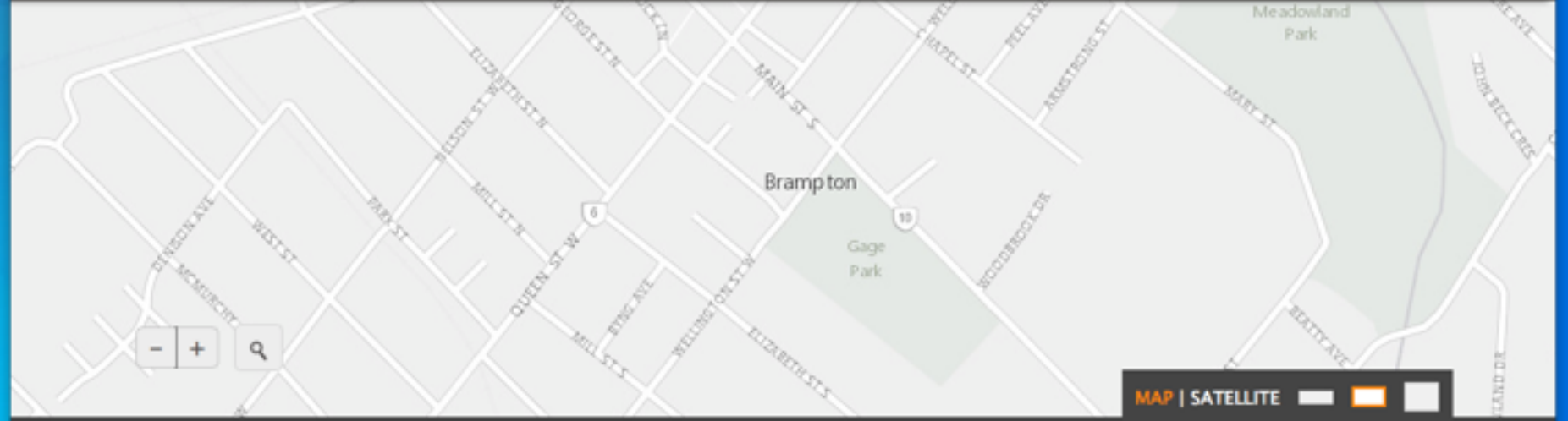
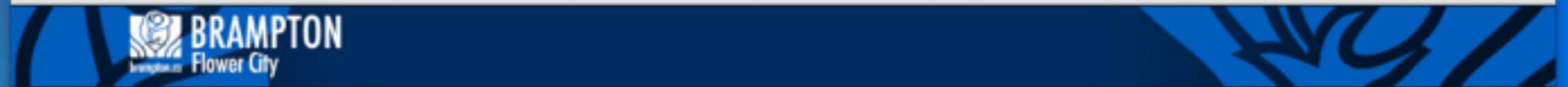
Open data is the idea that certain data should be freely available to everyone to use and republish as they wish, without restrictions from copyright, patents or other mechanisms of control.

This site provides access to all of our published open data. ArcGIS Open Data can help you track environmental concerns across the globe or all the hiking trails in your community. With ArcGIS Open Data, you can view it, map it, style it, chart it, download it or share it. How you use it is entirely up to you!





A Few Minor (OK, Major) Adjustments



Data Categories



Topographic



Infrastructure



Transportation



Recreation and Culture



Business and Economy



Community



Environment



Finance



Health and



Imagery

Recently Updated



2014 Bridges
2014 Bridges from

GISPRD.COB14_Bridges
By OpenBrampton May 13, 2015



Brampton
Transit Schedule
Data

Brampton Transit
Schedule Data



My Activity

Michigan GIS Open Data

Here you can browse, search, preview, and download a variety of Michigan geospatial datasets. Browse by category or enter key words in the search box to locate a dataset of interest. You can then read its description to learn more and explore attributes before downloading. A variety of formats exist when downloading such as ESRI shapefile, spreadsheet, KML, or API.




Data Categories







Welcome to Open Charlotte


Providing accessible City services, operations and statistical data to promote community engagement, stimulate innovation and increase productivity.

311/Services


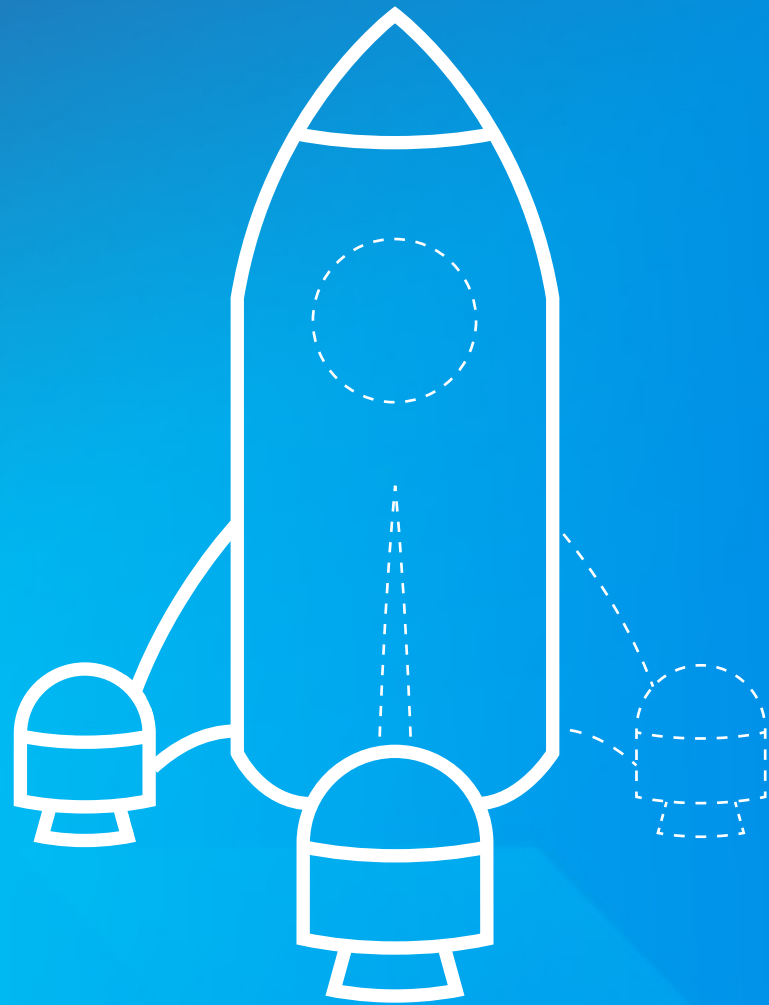
Arts & Education


Business & Budget


Community Safety


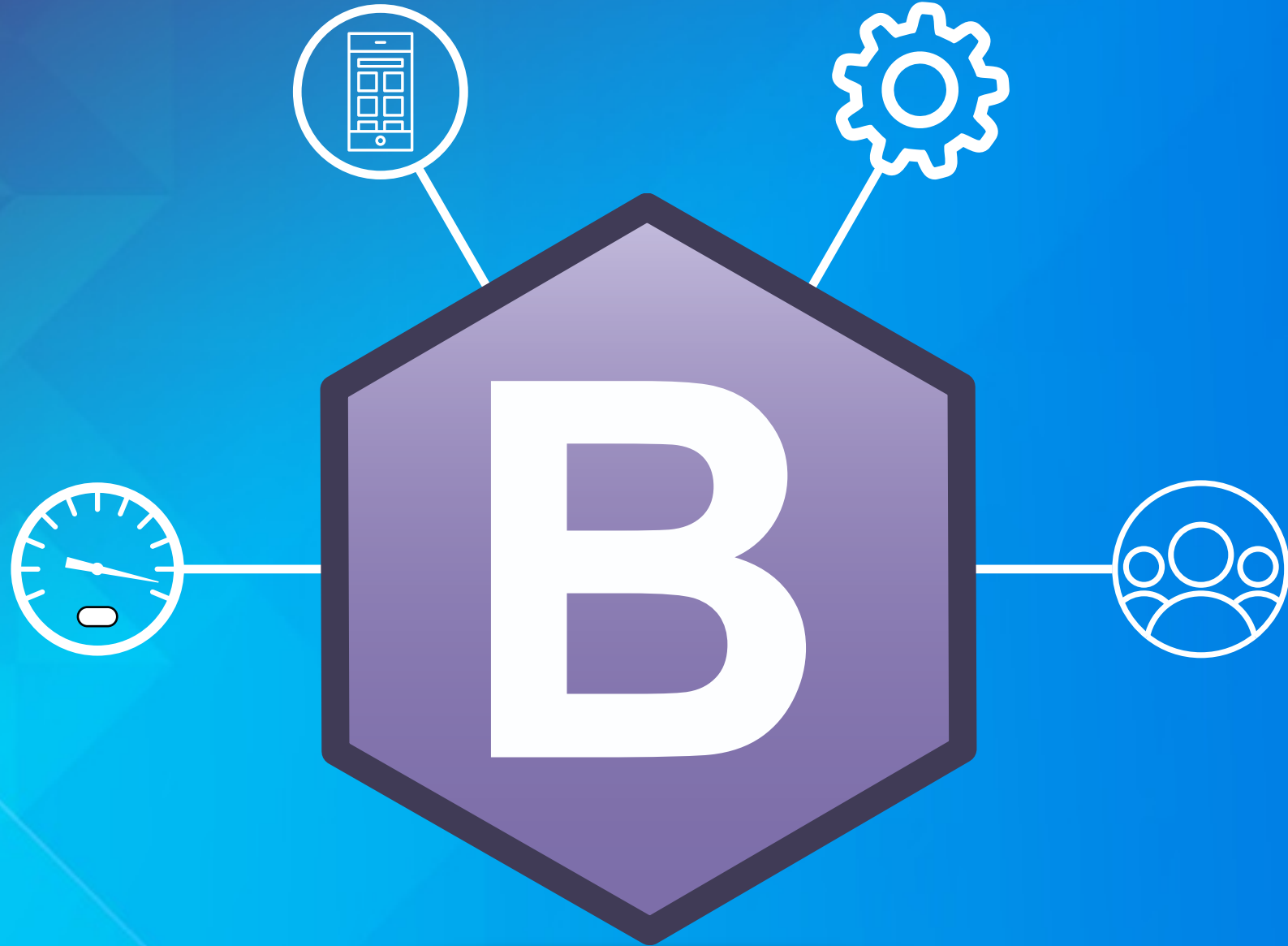
City Government


Neighborhoods & Housing









Customizing Your Open Data Site

Appalachian Trail Data

#header

Search for open data



SEARCH WITHIN MAP

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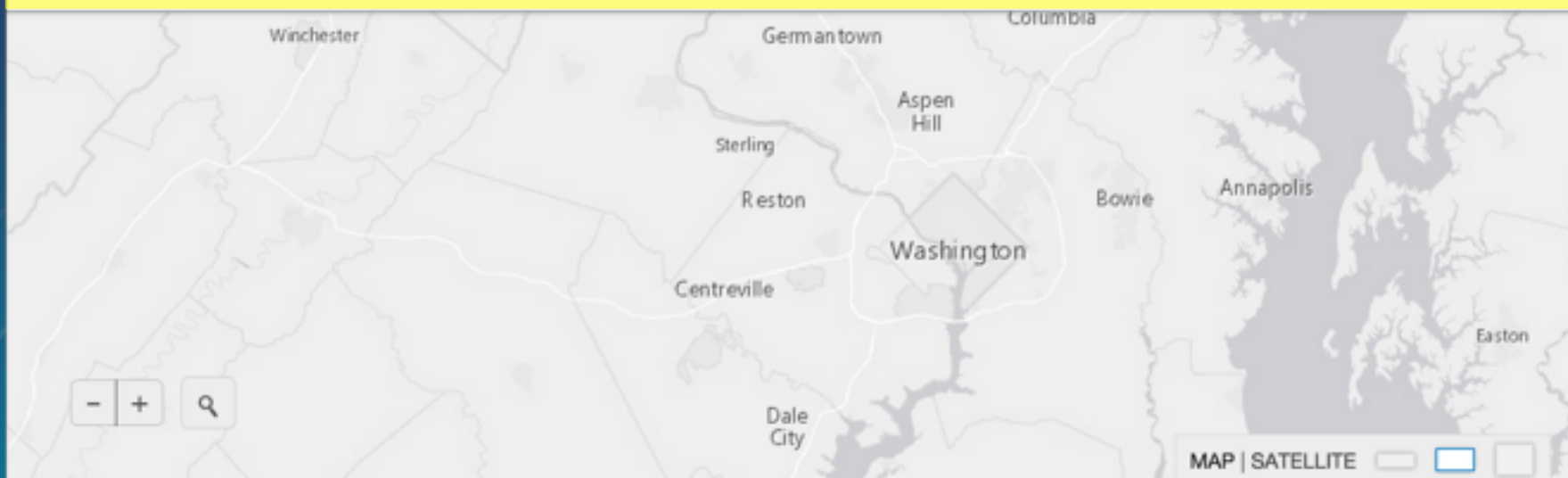
Appalachian Trail Data

Search for open data

 SEARCH WITHIN MAP

Erich ▾

My Activity



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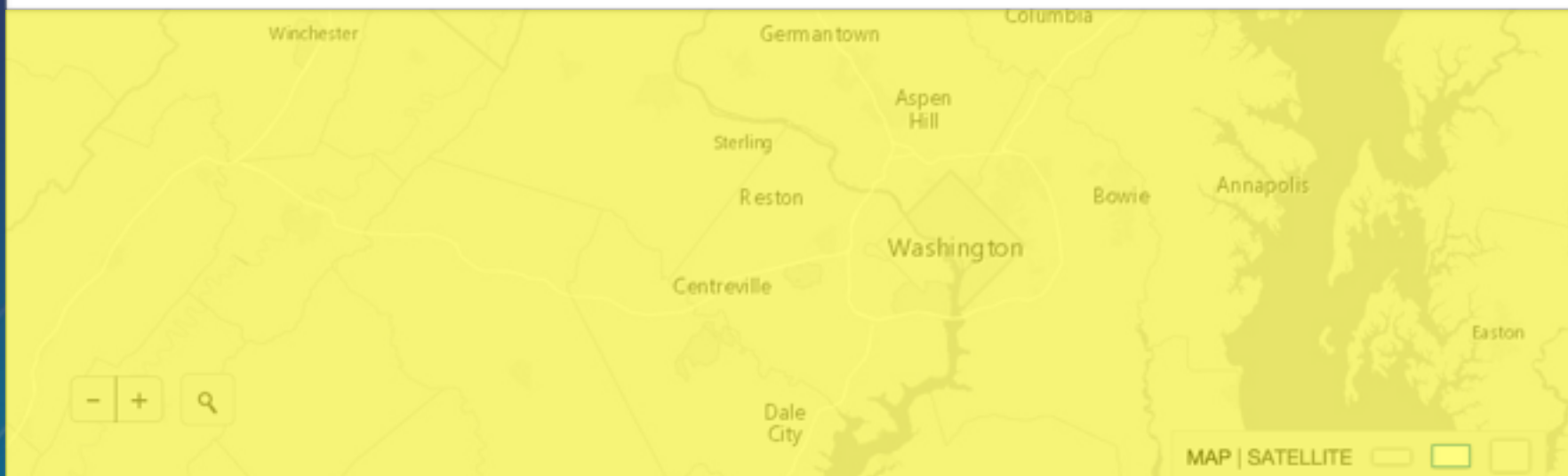
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[Explore Open Data](#)

#title-bar-region

 SEARCH WITHIN MAP

Erich ▾

[My Activity](#)

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#map-bar-region



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[Explore Open Data](#)

#page-contents

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#footer

LIVE DEMO

Esri R&D Center, Washington DC Appalachian Trail Data

Manage Sites

Configure Site

Capabilities

Manage Data

Data Report

Design Layout

Preview Site

Site Header

WIZARD

CODE

Header HTML

```
1  
2   
5 <span class="site-logo">  
6 Appalachian Trail Data  
7 </span>  
8 </div>  
9  
10  
11 <!-- Skip-Nav should be placed ahead of links to allow non-sighted users to bypass navigati  
12 <a href="#slide-region" class="skip-nav">Skip Navigation</a>
```

Header CSS

```
1
```



Appalachian Trail Data



 Sign In

My Activity



APPALACHIAN TRAIL DATA

[Explore the Data](#)

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[My Activity](#)

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Appalachian Trail Centerline

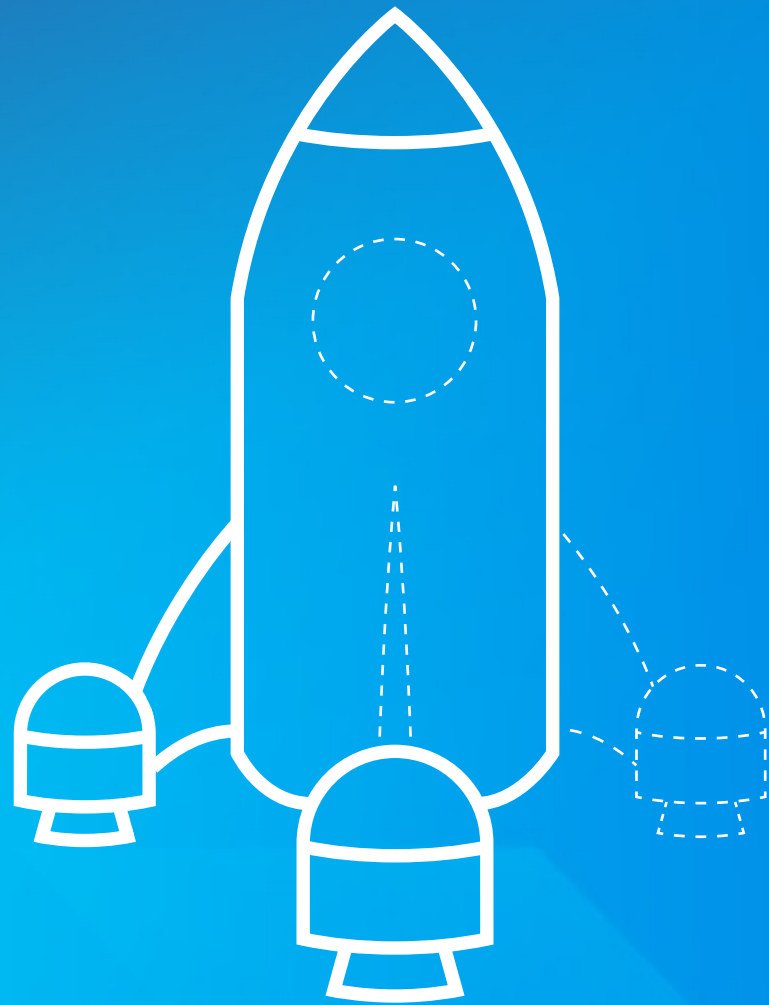
[View Dataset](#)

Trail Shelters

[View Dataset](#)

Parking Locations

[View Dataset](#)





Resources and Links

- Appalachian Trail Data demo site: traildata.dcdev.opendata.arcgis.com
- Appalachian Trail Data code: git.io/vmjvV
- Starter CSS Kit: git.io/odcss
- Bootstrap Documentation: getbootstrap.com
- Bootstrap UI Snippets: bootsnipp.com
- Color palettes: colors.co
- Google Fonts: google.com/fonts
- Slides from this talk: goo.gl/6E6U4f



Erich Rainville



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erainville@esri.com



Understanding our world.