



Working with the Ready-to-Use and Configurable Apps

Esri Pacific User Conference

October 13 – 14, 2014 | Sacramento

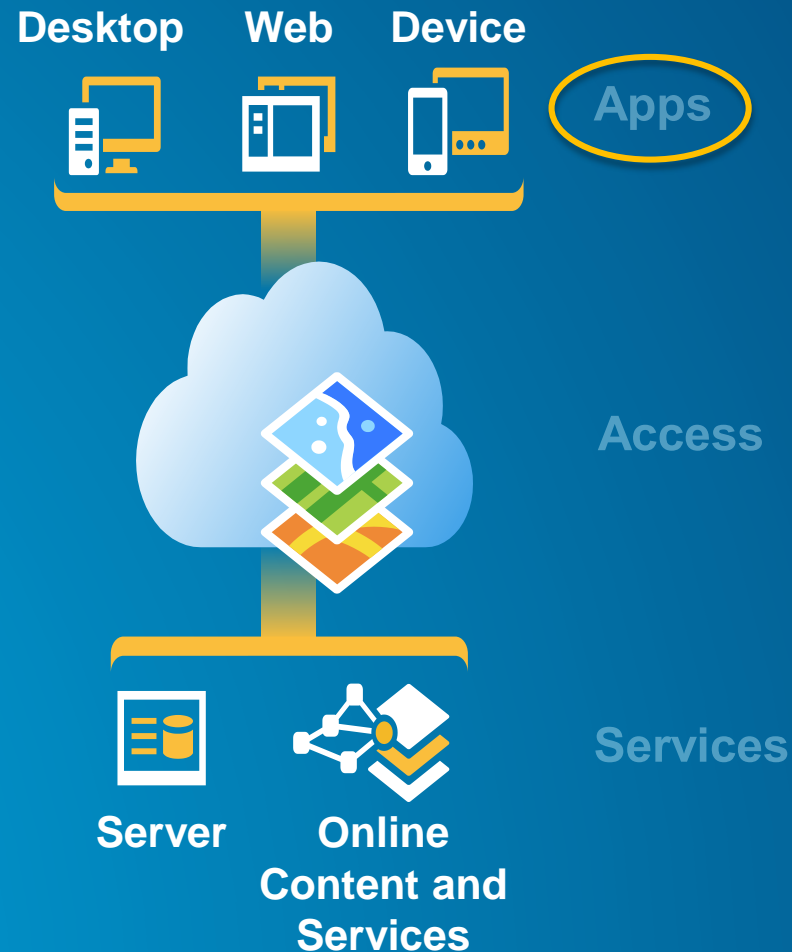
Workshop Outline

- Intro to ArcGIS Web Maps and Apps
- Web App templates
- Tips on configuring templates
- ArcGIS Open Data
- Web AppBuilder
- Q & A



ArcGIS – An Integrated Web GIS Platform

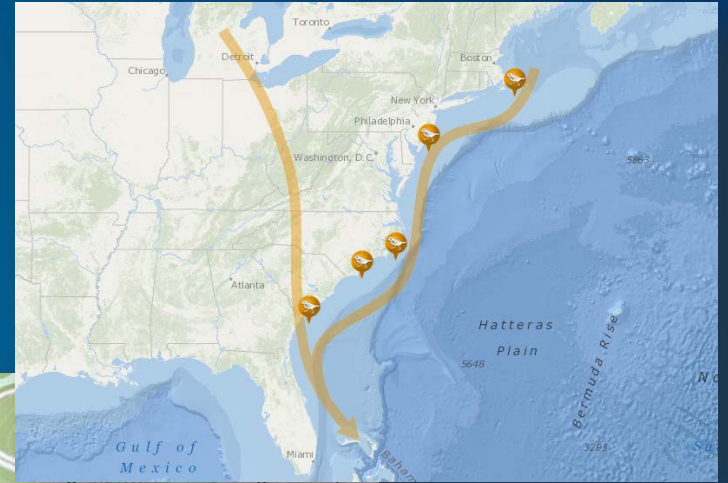
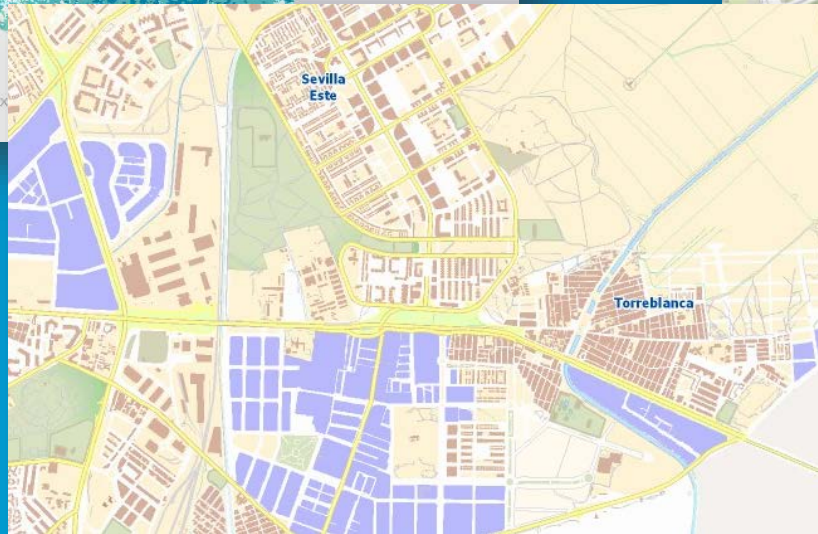
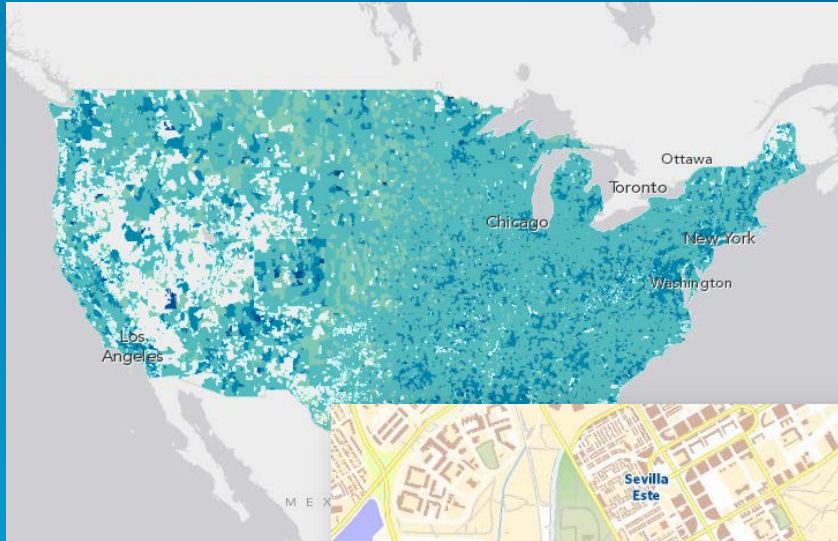
Providing mapping analysis, data management and collaboration



*Available on the Open Web . . .
. . . and On-Premises*

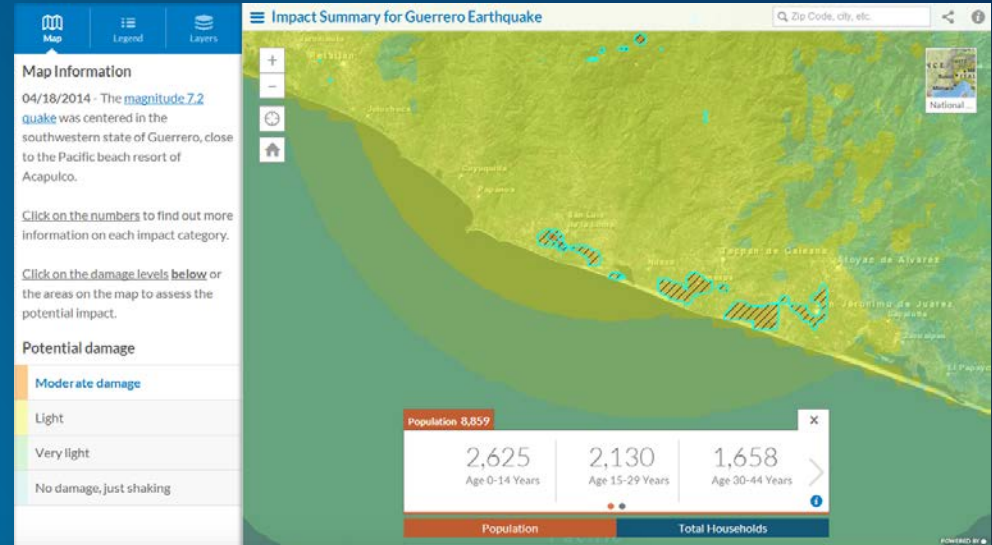
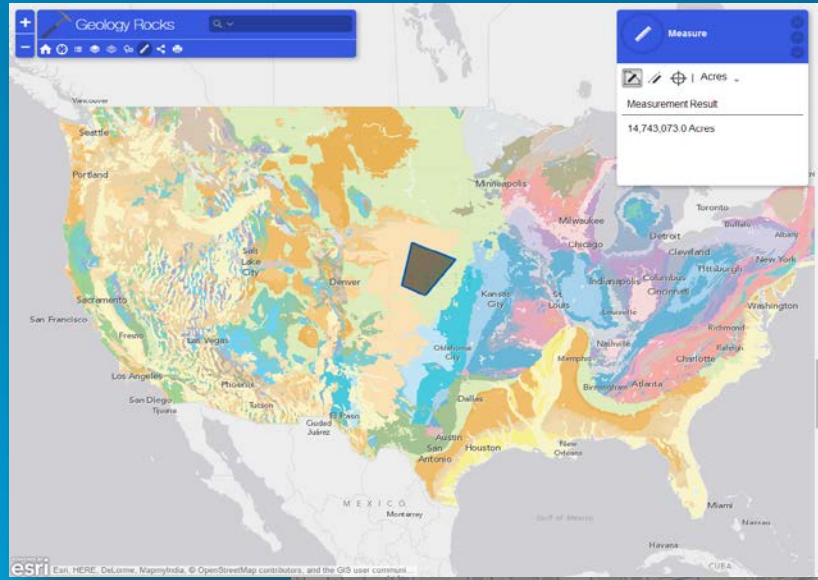
Web Maps

How we communicate geographically



Apps

Putting together the entire information experience



A huge international ivory trade threatens the future of Africa's wild elephants

Illegal poaching has caused populations of African elephants to plummet. Earth's largest land mammal is doomed to extinction in the wild unless demand for ivory is reduced and poaching is halted.

How You Can Make a Difference

The fate of elephants hangs in the balance. The crisis has catalyzed an urgent effort by dozens of organizations and national governments to pursue a threefold strategy: Stop the killing. Stop the trafficking. Stop the demand.

You can make a difference. [Donate here](#) to support the Wildlife Conservation Society's work with many partners to stem the crisis.

On the map is a selection of non-profit organizations that are working actively across Africa to save wild elephants. Tap the symbols to learn more and to visit their websites.

TAKE ACTION

HELP STOP THE KILLING

BE AN ELEPHANT HERO

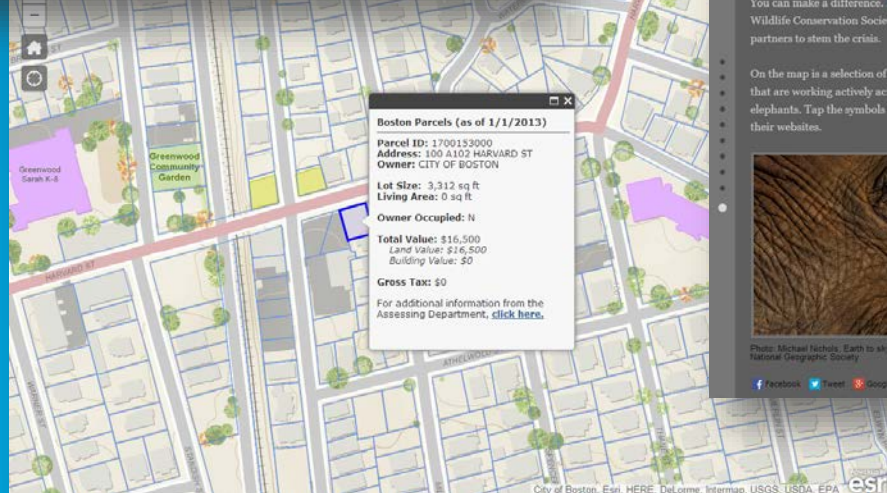
WILDLIFE CONSERVATION SOCIETY

SAVE THE ELEPHANTS

Photo: Michael Nichols, Earth to Sky (Aperture Books). Courtesy of National Geographic Society.

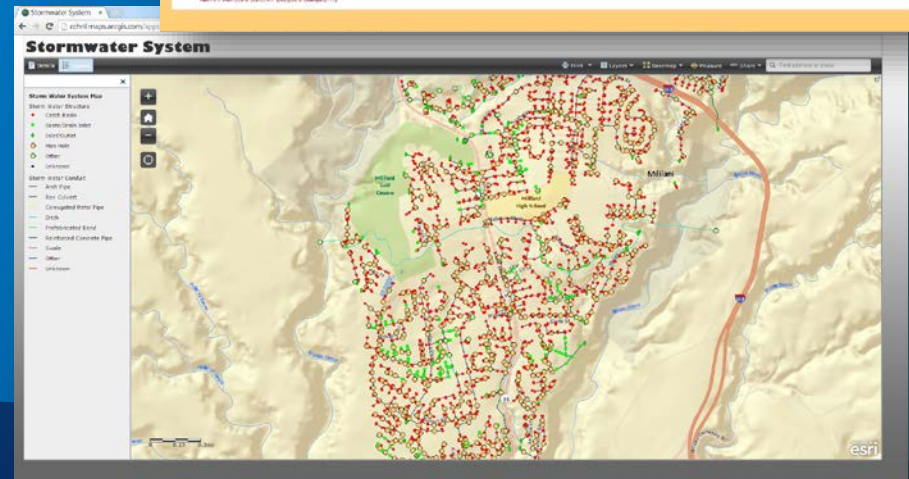
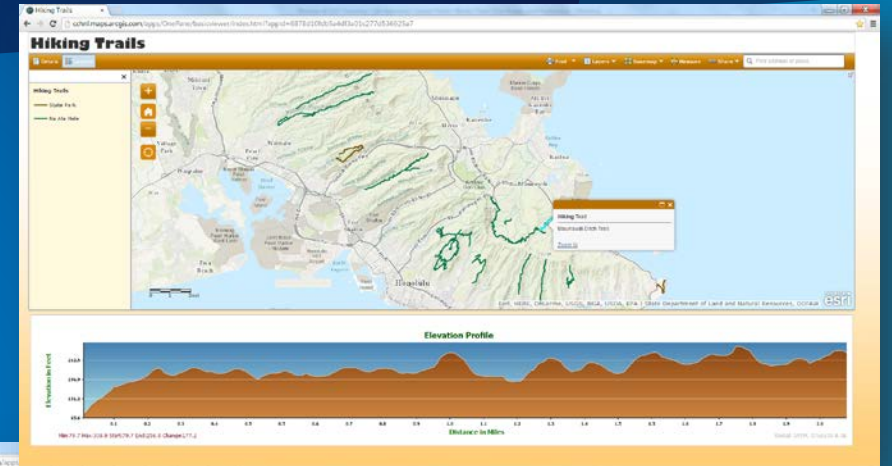
Facebook | Twitter | Google+ | Other

Map of Africa showing a call to action and a list of organizations working to save wild elephants.

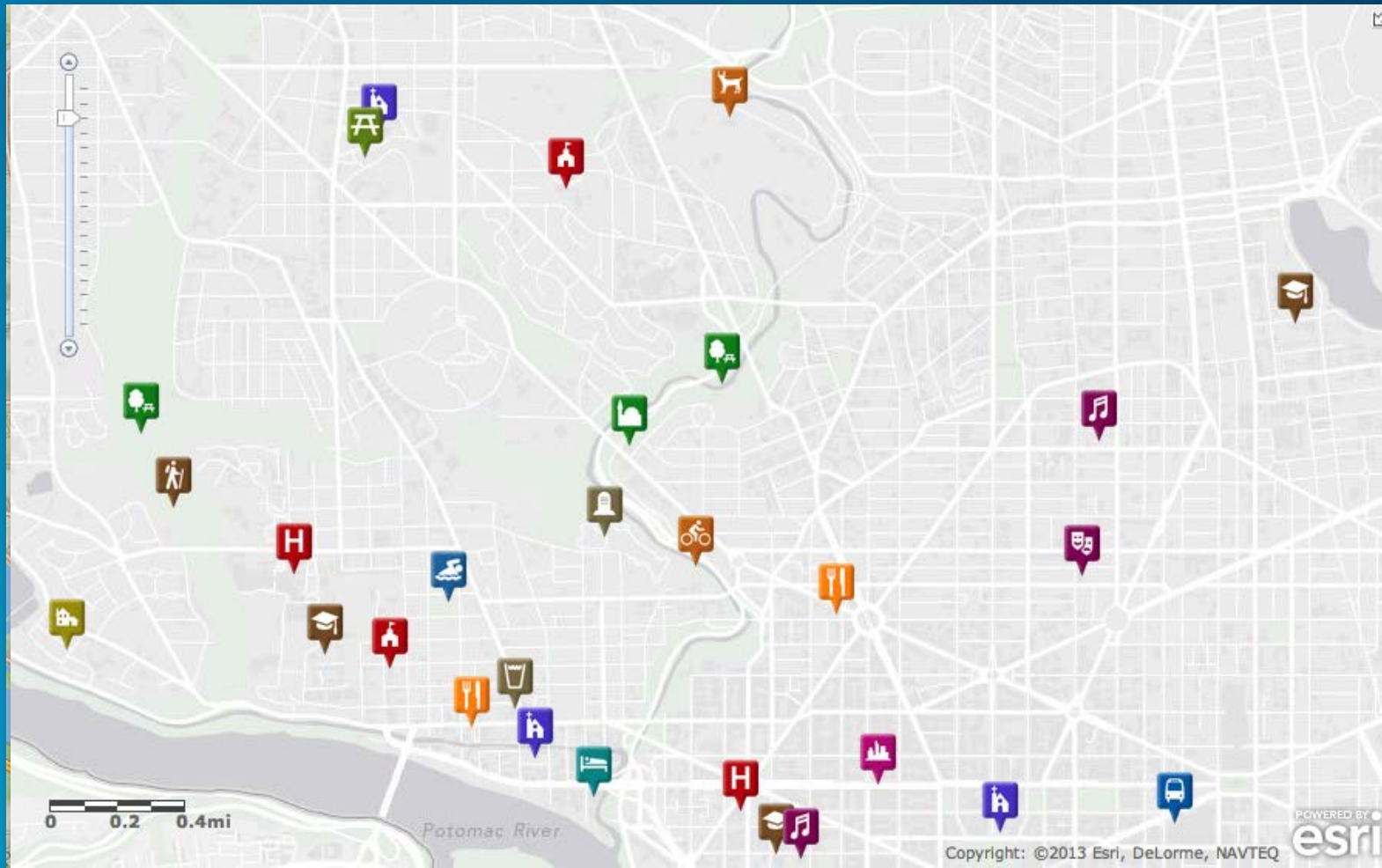


Tour of Web Apps

Demo



Great Apps Start With a Great Map



Things to Keep in Mind

- What purpose does your app serve?
- Who is the intended audience?
- How and where will your app be used?
- What do end users need to accomplish?



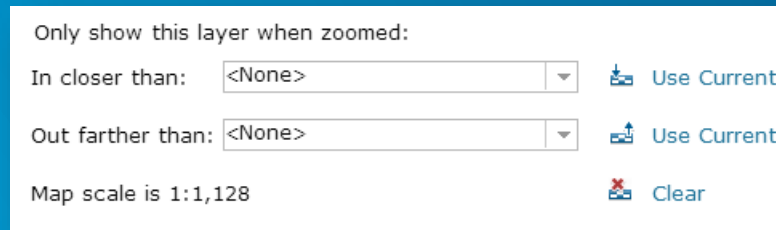
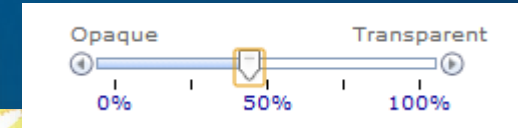
Crafting the Map Experience



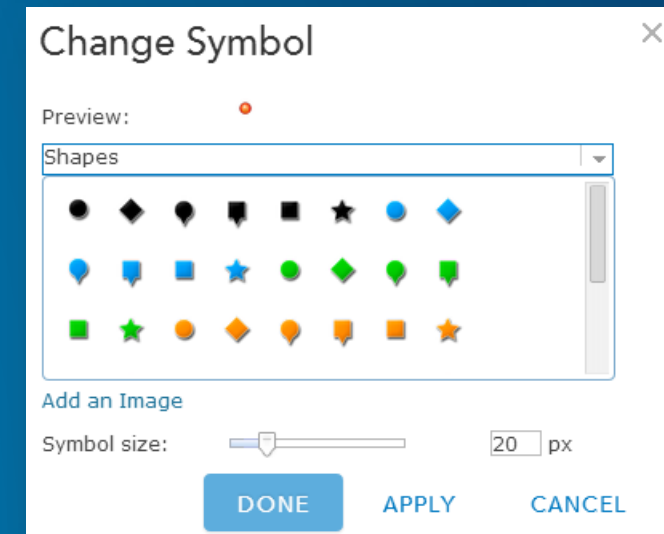
Layer Pop-ups



Transparency

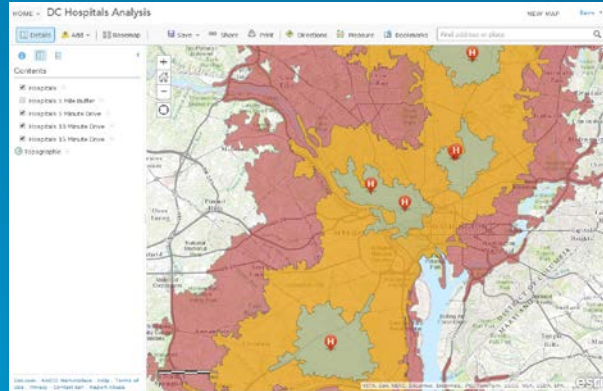


Display Scale Range

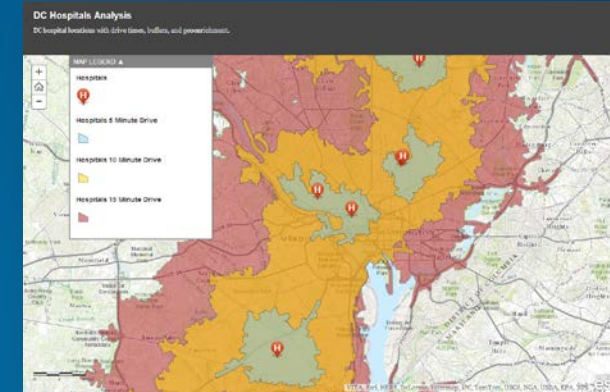


Map Viewer vs. Web App Templates

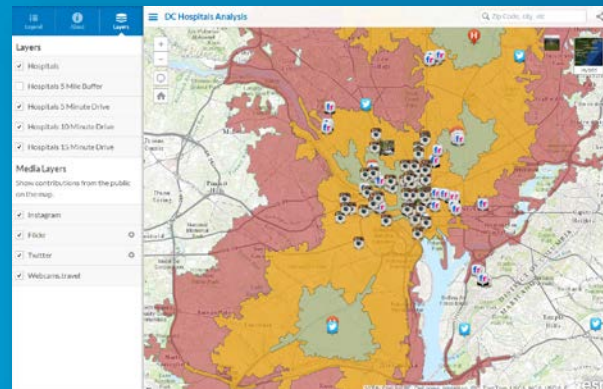
Deliver your information in the right context



Map viewer (for authoring)



Storytelling basic template



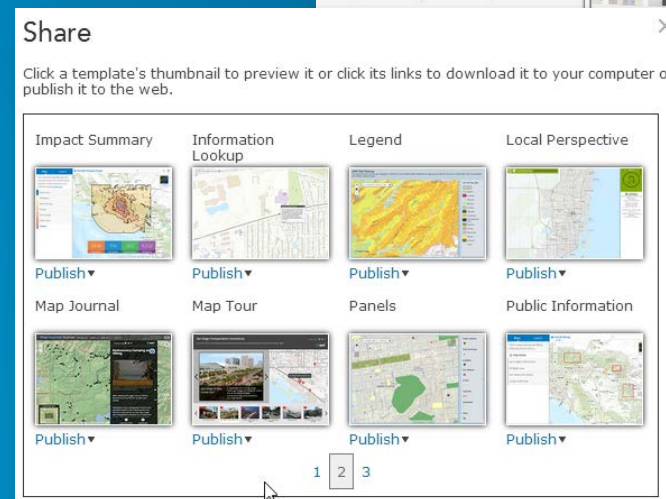
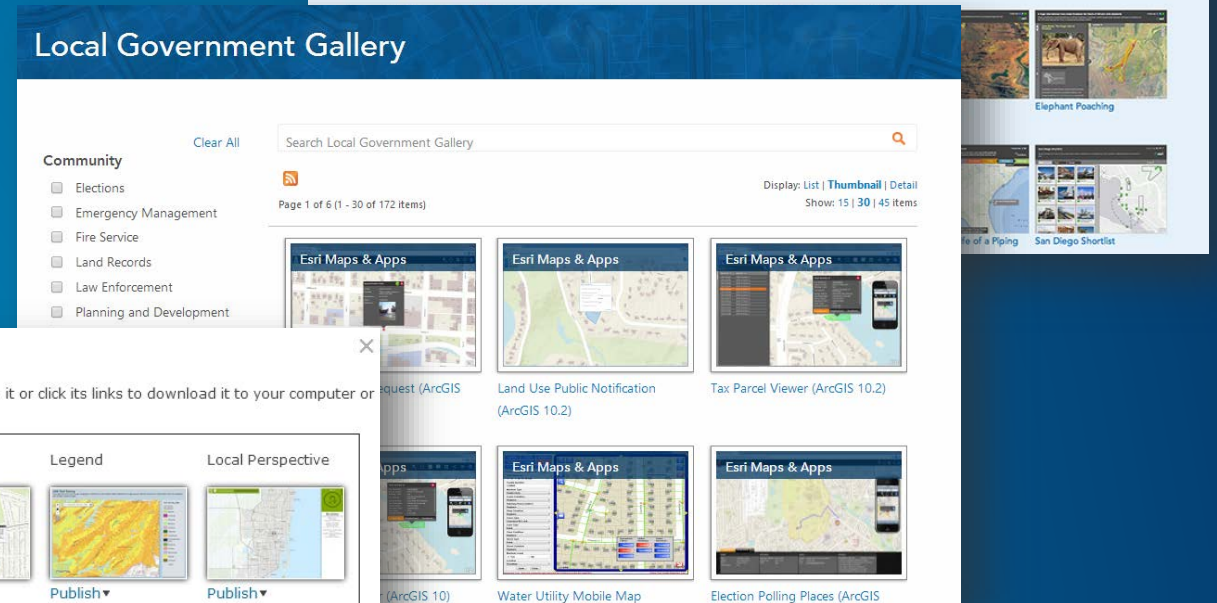
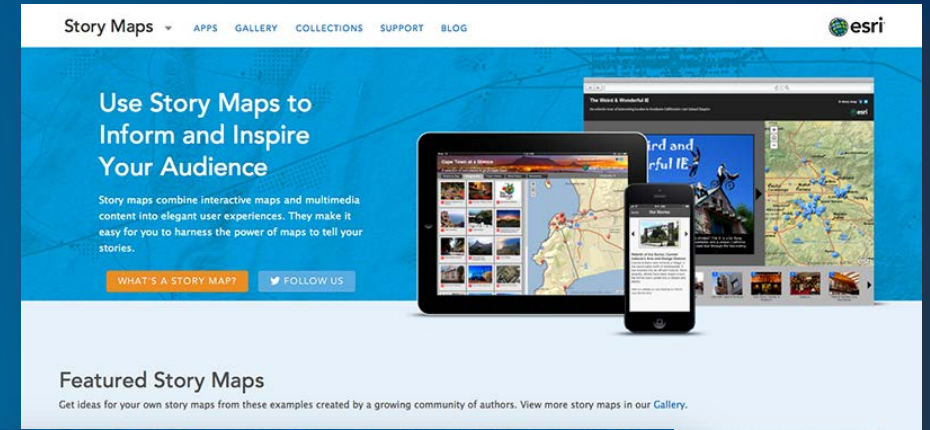
Public information template



Story map tour

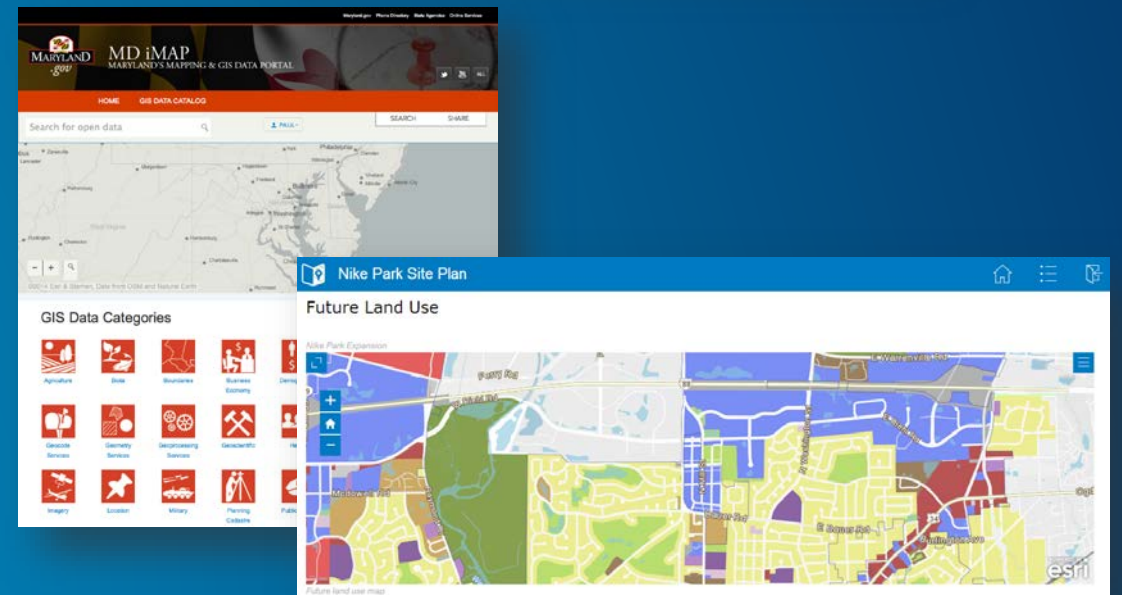
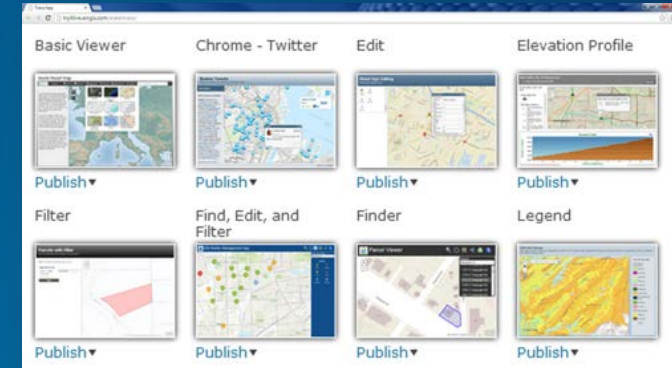
Where to Find Web App Templates

- ArcGIS web map app template gallery
- Early Adopter Templates group
- Story maps
 - storymaps.arcgis.com
- Solutions templates
 - solutions.arcgis.com
- Open Data
- Web AppBuilder



Types of Web App Templates

- **Hosted**
 - Templates stored in cloud
 - Include configuration capabilities
 - Recommended when possible
- **Downloadable**
 - Source on GitHub
 - Must host on own server
 - Unlimited customization potential

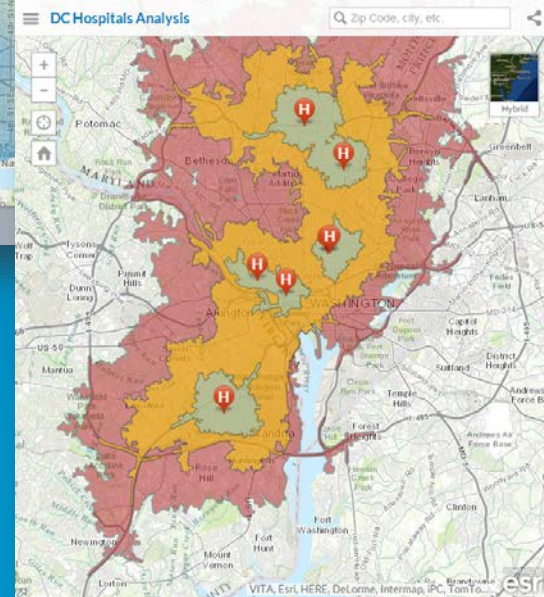
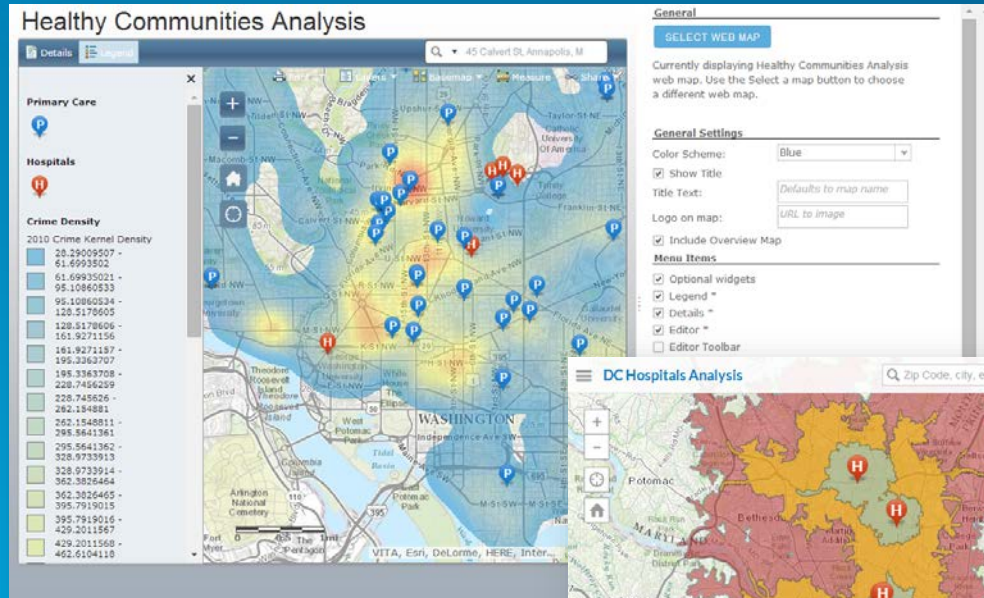


What can I do with this great app I just made?

- Use in browser
- Use on device
- Embed in website



Unique Configuration Options and Experience



Map Tour Sample

APPLICATION CONFIGURATION

SAVE SHARE SETTINGS HELP

A story map f t e

No unsaved change; Tour is shared publicly

esri

Change media Change thumbnail

Change Basemap

esri-2 Edit me!

Add Organize Import

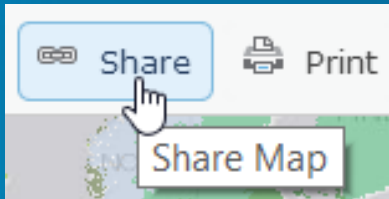
1 esri-2 2 esri-15 3 About Esri... 4 CityEngine WebScene 5 360 cities 360Cities

Move me around or change my color

City of Redlands, City of Riversid...

powered by esri

Embedding Maps



EMBED IN WEBSITE

Copy / Paste HTML

Share

Embed in Website

Copy and paste HTML to embed in website

```
<iframe width="500" height="400" frameborder="0" scrolling="no" marginheight="0" marginwidth="0" src="http://resilience.maps.arcgis.com/home/webmap/embedViewer.html?webmap=7a560116489a43e0ad699c3d35f1f5e1&extent=-23.6032,-3.3225,132.139,62.7618"></iframe><br /><small><a href="http://resilience.maps.arcgis.com/home/webmap/viewer.html?webmap=7a560116489a43e0ad699c3d35f1f5e1&extent=-23.6032,-3.3225,132.139,62.7618" style="color:#0000FF;text-align:left" target="_blank">View Larger Map</a></small>
```

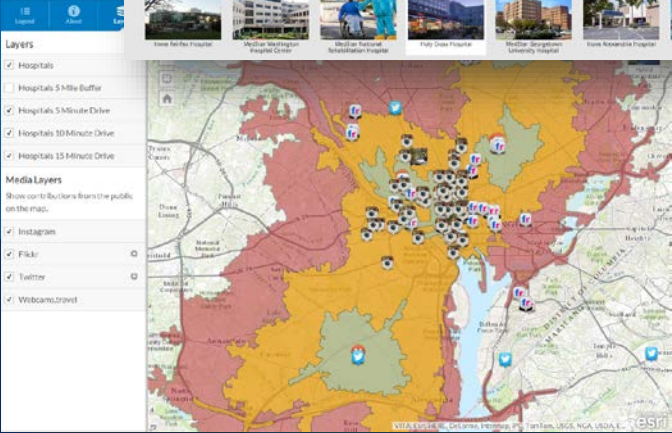
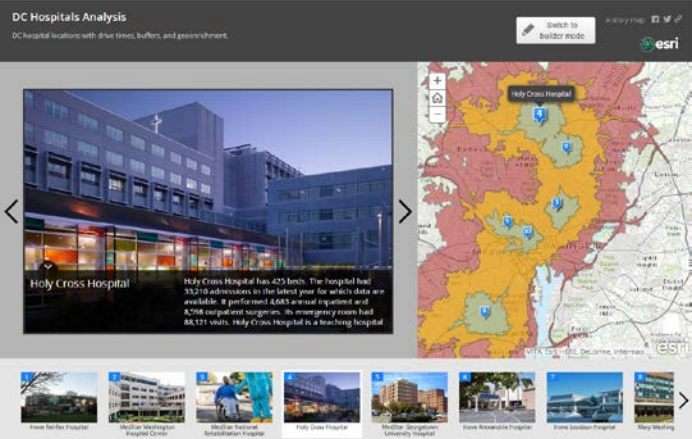
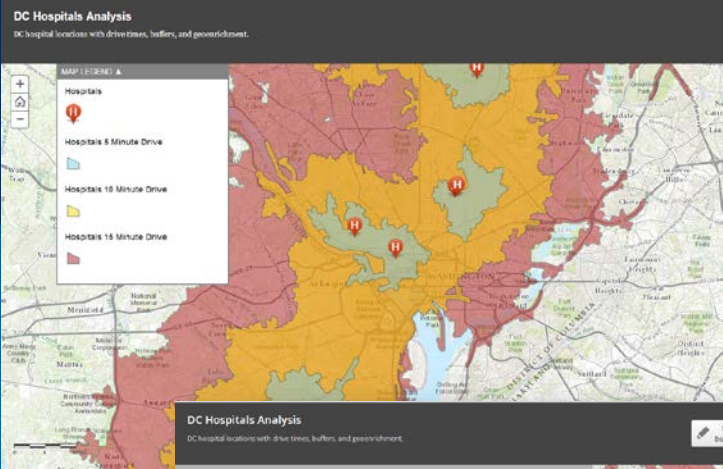
Small 300x260 Medium 500x400 Large 940x600 Custom
Width
Height

Show zoom control. Show location search.
 Show scale bar. Show basemap selector.
 Show legend. View Larger Map
 Show description.

Options

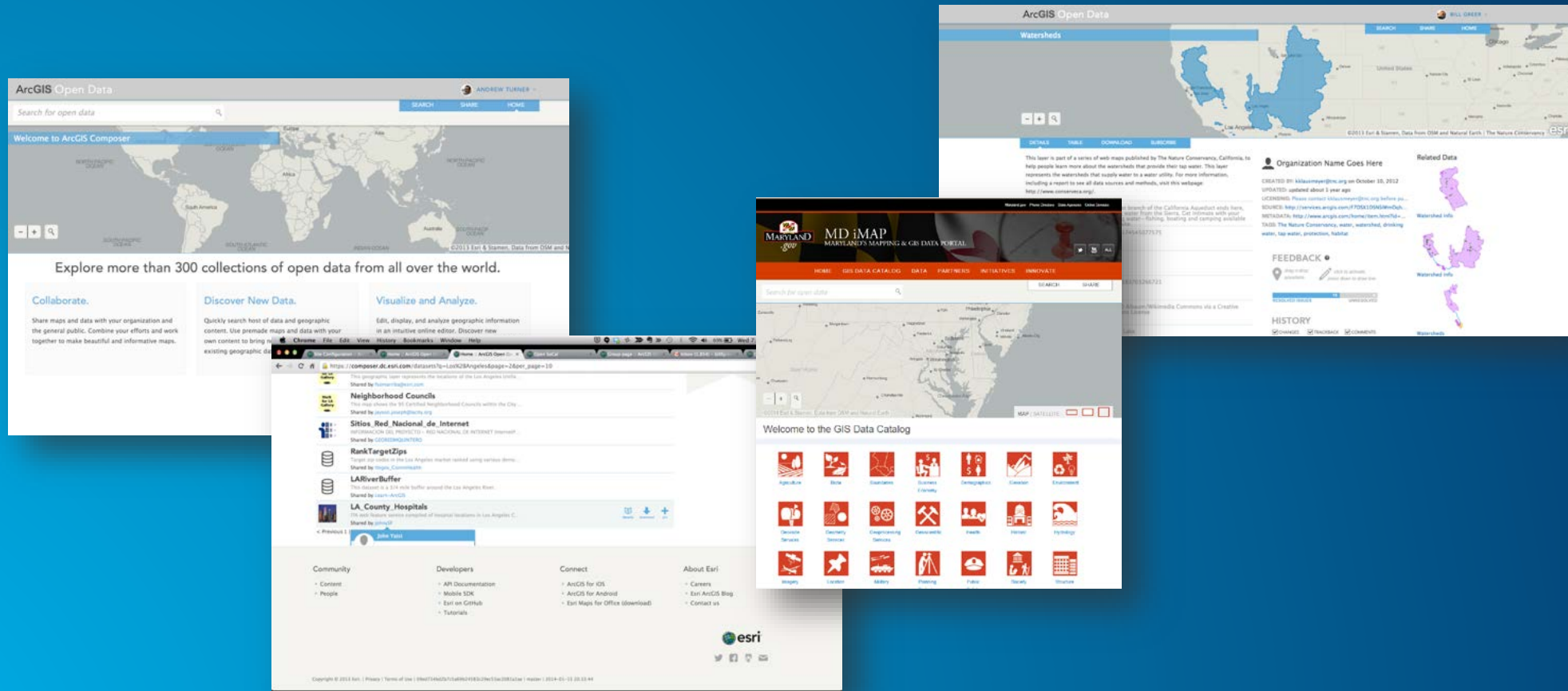
Configuring Templates

Demo



Open Data

Providing multi-format delivery



Easy dissemination of geospatial and tabular data

Benefits of Open Data

ArcGIS Open Data is making data...



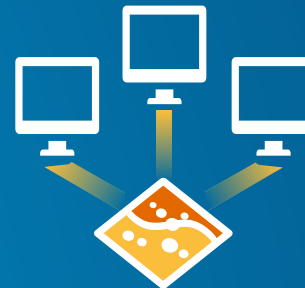
Accessible



Discoverable



Explorable



Collaborative

ArcGIS Open Data

Demo

State of Washington Open Data

Search for open data

SEARCH WITHIN MAP

SEARCH SHARE

Vancouver
Seattle
Portland

MAP | SATELLITE

"We will provide efficiency, effectiveness and transparency."
Governor Jay Inslee, Inaugural Address, January 18th, 2013.

Browse Topics

- Bioa
- Boundaries
- Climate
- Economy
- Elevation
- Environment
- Farming
- Geosciences
- Health
- Imagery & Maps
- Intelligence & Military
- Inland Waters
- Location
- Oceans
- Planning & Cadastre

State of Washington Open Data

Vancouver
Seattle
Portland

MAP | SATELLITE

Ecoregions

SUBSCRIBE DOWNLOAD DATASET

Showing 36 of 328 rows

OBJECTID	US_LACODE	US_LINAME	US_LICODE	US_LINAME	NA_LICODE	NA_LICODE	NA_LINAME	NA_LICODE	NA_LINAME
110	2a	Coastal Low...	1	Coast Range	7.1.8	7.1	MARINE WES...	7	
111	2a	Coastal Low...	1	Coast Range	7.1.8	7.1	MARINE WES...	7	
112	2a	Coastal Low...	1	Coast Range	7.1.8	7.1	MARINE WES...	7	
113	2a	Coastal Low...	1	Coast Range	7.1.8	7.1	MARINE WES...	7	
114	2a	Coastal Low...	1	Coast Range	7.1.8	7.1	MARINE WES...	7	
115	2a	Coastal Low...	1	Coast Range	7.1.8	7.1	MARINE WES...	7	
116	2a	Coastal Low...	1	Coast Range	7.1.8	7.1	MARINE WES...	7	
117	2a	Coastal Low...	1	Coast Range	7.1.8	7.1	MARINE WES...	7	
118	2a	Coastal Low...	1	Coast Range	7.1.8	7.1	MARINE WES...	7	

Filter by Map View

Filter by Attribute

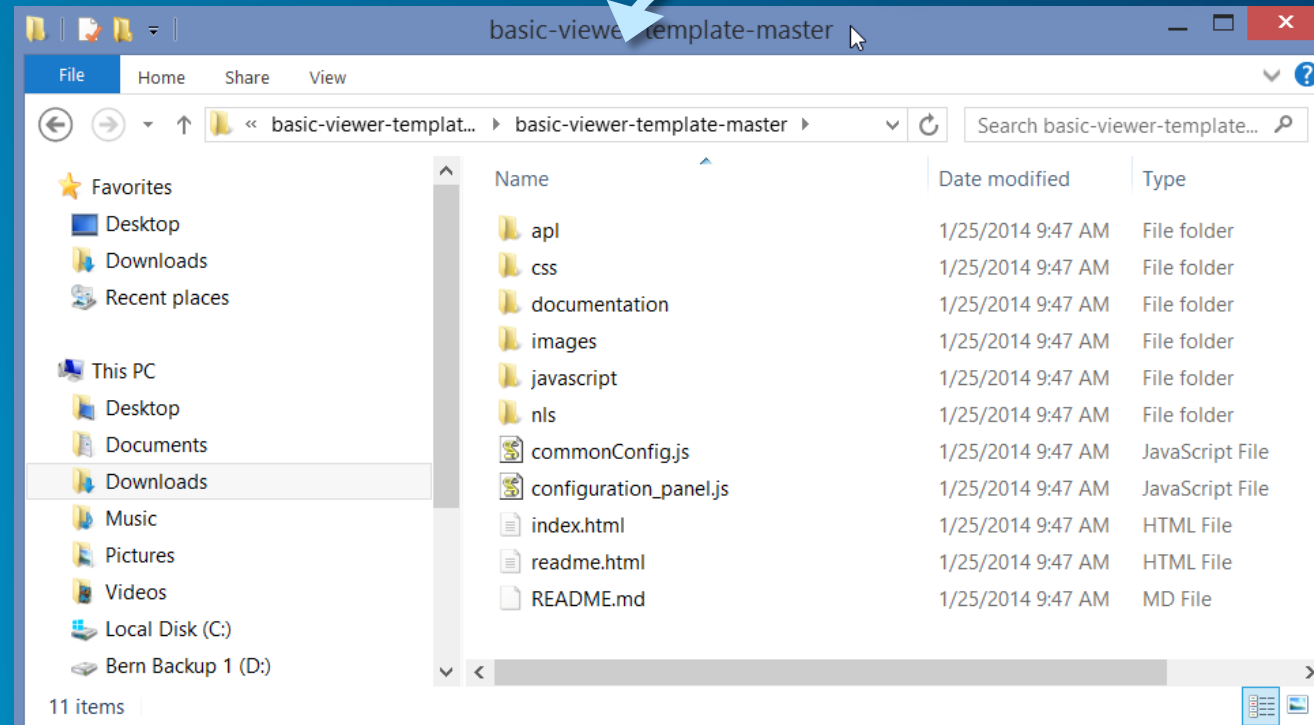
US_LINAME

- Puget Lowland
- North Cascades
- Columbia Plateau
- Coast Range
- Northem Rockies
- Cascade
- Blue Mountains
- Eastern Cascade Slope...
- Willamette Valley

REMOVE ALL FILTERS

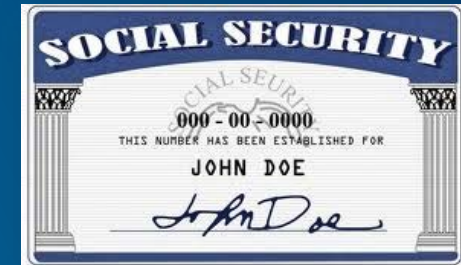
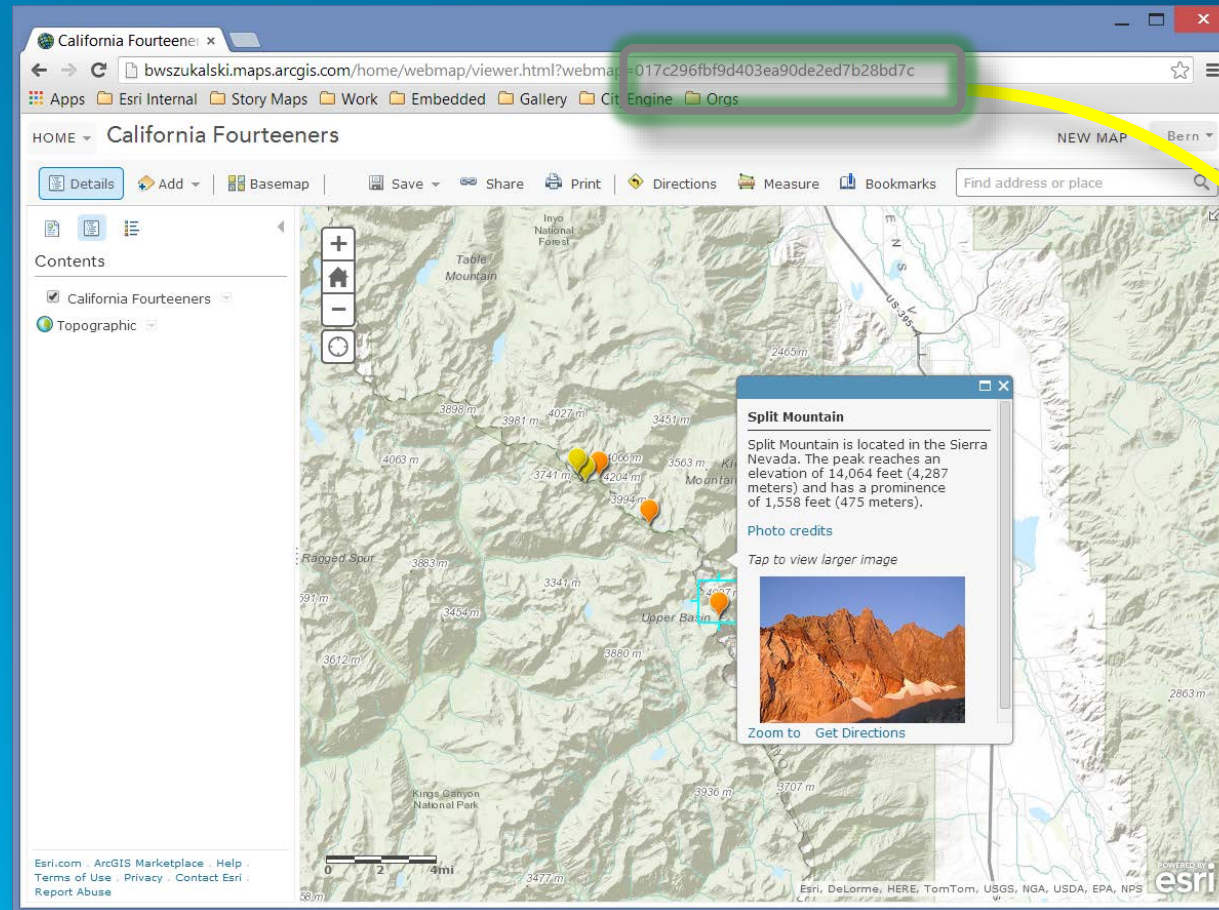
Customizing Templates

- Source download from GitHub
- Delivered as Zip file
- Edit using any text editor



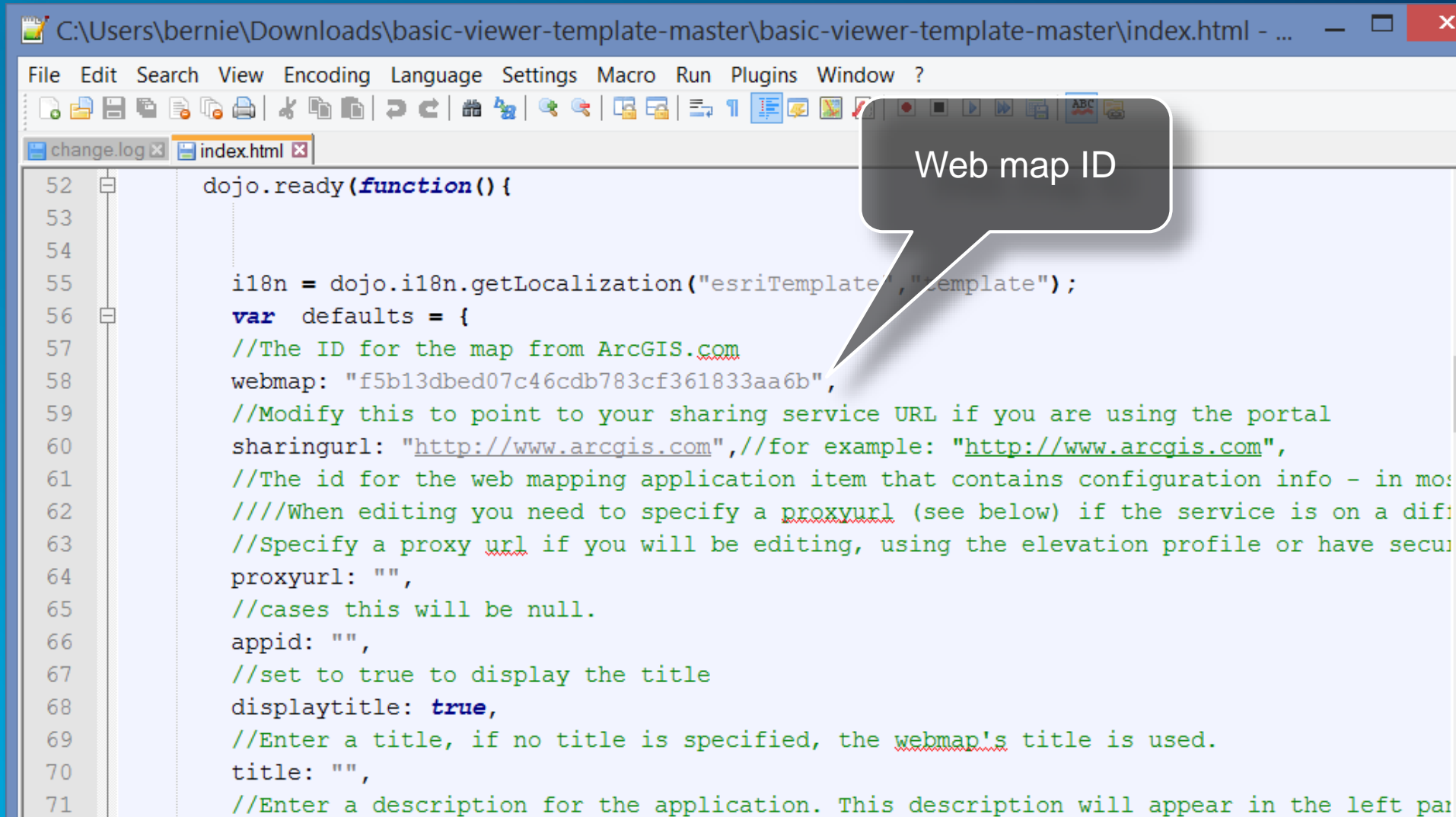
Map Identifier

Each map has a unique identifier, like a social security number



www.arcgis.com/home/webmap/viewer.html?webmap=ef5920f160bd4239bdeb1348de3a3156

Template Source Code



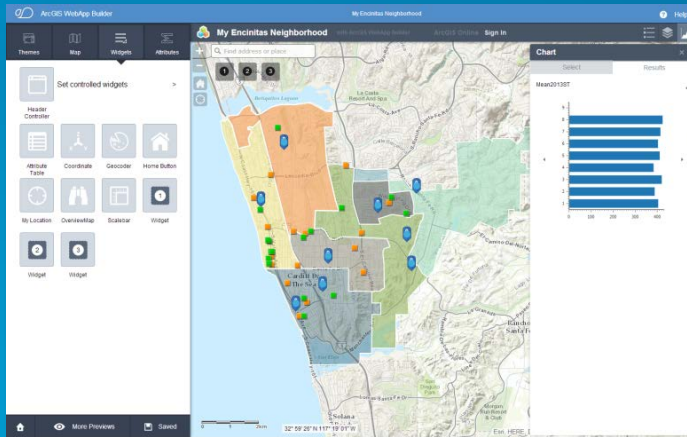
```
C:\Users\bernie\Downloads\basic-viewer-template-master\basic-viewer-template-master\index.html - ...
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?
change.log x index.html x
52 dojo.ready(function() {
53
54
55     i18n = dojo.i18n.getLocalization("esriTemplate", "template");
56     var defaults = {
57         //The ID for the map from ArcGIS.com
58         webmap: "f5b13dbed07c46cdb783cf361833aa6b",
59         //Modify this to point to your sharing service URL if you are using the portal
60         sharingurl: "http://www.arcgis.com", //for example: "http://www.arcgis.com",
61         //The id for the web mapping application item that contains configuration info - in mos
62         ////When editing you need to specify a proxyurl (see below) if the service is on a dif
63         //Specify a proxy url if you will be editing, using the elevation profile or have secu
64         proxyurl: "",
65         //cases this will be null.
66         appid: "",
67         //set to true to display the title
68         displaytitle: true,
69         //Enter a title, if no title is specified, the webmap's title is used.
70         title: "",
71         //Enter a description for the application. This description will appear in the left pa
```

Web map ID

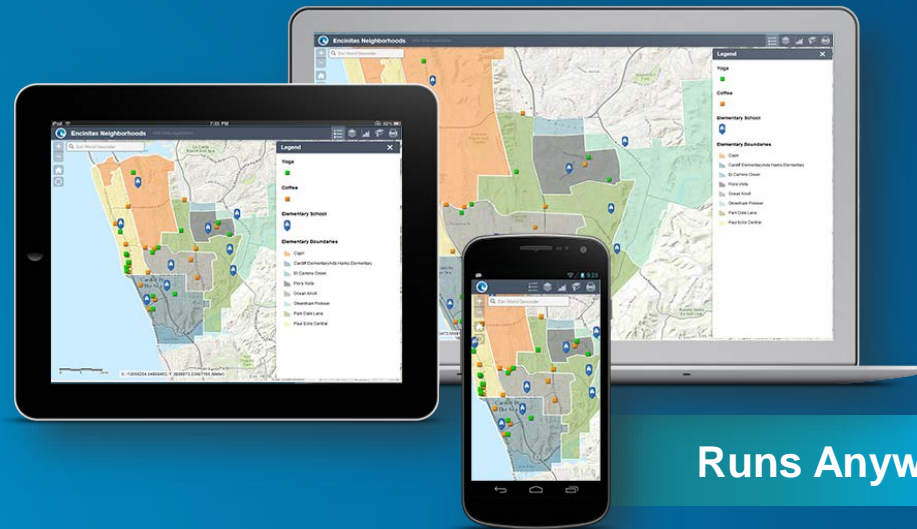
Web AppBuilder

Easy app development . . . across the platform

Builder



Ready-to-Use App



- HTML5 — JavaScript
- Easily Configurable
- Server and Online

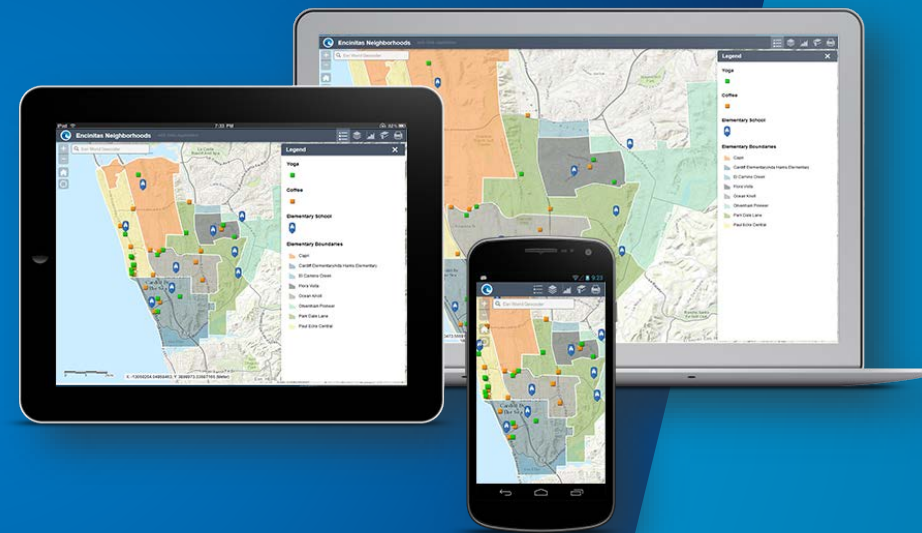
Runs Anywhere



30+ Widgets

Web AppBuilder

Demo



Resources

- **ArcGIS Online Maps and Apps Gallery**
 - <http://www.arcgis.com/home/gallery.html>
- **Story maps**
 - <http://storymaps.arcgis.com>
- **Solutions**
 - <http://solutions.arcgis.com>
- **ArcGIS Web App Templates Help**
 - <http://www.esri.com/software/arcgis-web-app-templates>
- **Live Training Seminars**
 - <http://training.esri.com/gateway/index.cfm?fa=seminars.recordedSeminars>

Questions?



Understanding our world.