Creating Apps Using ArcGIS Online Templates
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Agenda

• The whole process
• Types of apps
• App breakdown
• Before you publish
• Sharing and administration
The app publishing process
Steps for publishing and app

- Choose a type
- Choose a template
- Assemble content
- Publish
- Refine
Types of apps
Types: Map-based

- Starting with 2D map
- Many functionality choices
- Layouts
- Color schemes
- Most common type
- Most template choices
Types: Scene-based

- Starting with a 3D scene
- Scene exploration tools
- Slide view
- Layer control
- Layouts
- Color schemes
Types: Group-based

- Starting with a group
- Provide a gallery of maps
- Crowdsourced apps
App breakdown
Choosing a template
What best suits the story you want to tell?

- What is the story?
- Who is the audience?
- How much do they know?
- What is needed?
  - Maps
  - Scenes
  - Photos
  - Videos
  - Text

Showcase a map
Choosing a template
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Collect information
Where are the templates?

- **Map-based**
  - Share a web map
  - 30 to choose from
  - Organized by category
- **Scene-based**
  - Share a scene
- **Group based**
  - Share a group
I need to **know where I am**

Apps that allow users to find their location on the map

- Basic Viewer
- Compare Analysis
- Crowdsourcing Polling
- Directions
- Edit
- Filter
- Geo Form
- Impact Summary
- Information Lookup
- Local Perspective
- Map Tools
- Public Information
- Simple Map Viewer
- Story Map Crowdsourcing
- Story Map Series
- Story Map Swipe / Spyglass
I need to **find addresses**

Apps that allow geosearch

- Basic Viewer
- Directions
- Edit
- Elevation Profile
- Filter
- Geo Form
- Impact Summary
- Information Lookup

- Local Perspective
- Map Tools
- Minimalist
- Public Information
- Simple Map Viewer
- Story Map Shortlist
- Story Map Swipe / Spyglass
I need a **route**

Apps that provide routes and directions

- Directions
- Local Perspective

*subscription required*
I need a **legend**

Apps that provide a legend

- Basic Viewer
- Elevation Profile
- Filter
- Geo List
- Impact Summary
- Map Tools
- Minimalist
- Public Information
- Simple Map Viewer
- Time Aware

- **Story Maps**
  - Basic
  - Journal
  - Map Series
  - Swipe / Spyglass
I need to **change basemaps**

Apps that can toggle basemaps

- Basic Viewer
- Edit
- Elevation Profile
- Geo Form
- Impact Summary
- Information Lookup
- Map Tools
- Minimalist
- Public Information
- Story Map Shortlist
- Summary Viewer
I need to search

Apps that provide layer search

- Basic Viewer
- Edit
- Elevation Profile
- Filter
- Information Lookup
- Map Tools
- Minimalist
- Public Information
- Simple Map Viewer
- Time Aware
I need to **tell a story**

Apps that provide narrative

- Story Maps
  - Basic
  - Cascade
  - Crowdsourcing
  - Map Journal
  - Map Series
  - Shortlist
  - Swipe / Spyglass
  - Tour
- Compare Analysis
- Impact Summary
I need **analysis**

Apps that have analysis / geoprocessing capability

- Directions
- Elevation Profile
- Impact Summary
- Information Lookup
- Local Perspective
- Summary Viewer
I need to **edit**

Apps that allow feature and attribute editing

- Basic Viewer
- Edit
I need to print

Apps that allow printing

- Basic Viewer
- Map Tools
- Public Information
I need a **splash screen**
Apps that let you show a disclaimer upon launch

- Basic Viewer
- Crowdsourcing Polling
- Elevation Profile
- Information Lookup
- Public Information
Find more templates
http://storymaps.arcgis.com

Story Maps
Everyone has a story to tell.
Harness the power of maps to tell yours.
Find more templates
http://solutions.arcgis.com
What if I need functions from 2 or more of these templates?!?

Then you need Web AppBuilder

- Similar workflow
- 50 + widgets
- WYSIWYG configuration
- Same hosting options
- Don’t over do it!
Before you publish
Important map and layer properties

What you set in the map makes it to the app!

- Search - example
- Bookmarks
- Time
- Copy layers
- Enable / disable editing
- Labels
- Refresh interval
- URL parameters – example
Sharing apps – what you have accomplished

- Simple, focused interface
- Fits map’s purpose, message, & audience
- Updating the map, scene, or group updates the app, too
- Unsharing an item from a map also hides it from the app
- (Optional) Include Subscriber and Premium content in apps
  - Requires a subscription identity
  - Access to Premium content consumes credits
    - Keep this in mind when deciding whether to include Premium content in public facing apps
Administering apps

- **Monitor app usage**
  - Is anyone using this app?
  - Available from My Content

- **View Stats**
  - Who’s using what?
    - Apps, content, credits, etc…
  - Fine grained details
  - Must be an administrator
Administering apps

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Please Take Our Survey on the App

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Select the session you attended

Scroll down to find the feedback section

Complete answers and select “Submit”