

# Implementing New Cartographic Workflows using ArcGIS Pro (A Nonprofit Use-Case)

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ESRI User Conference 2016



# Our Mission

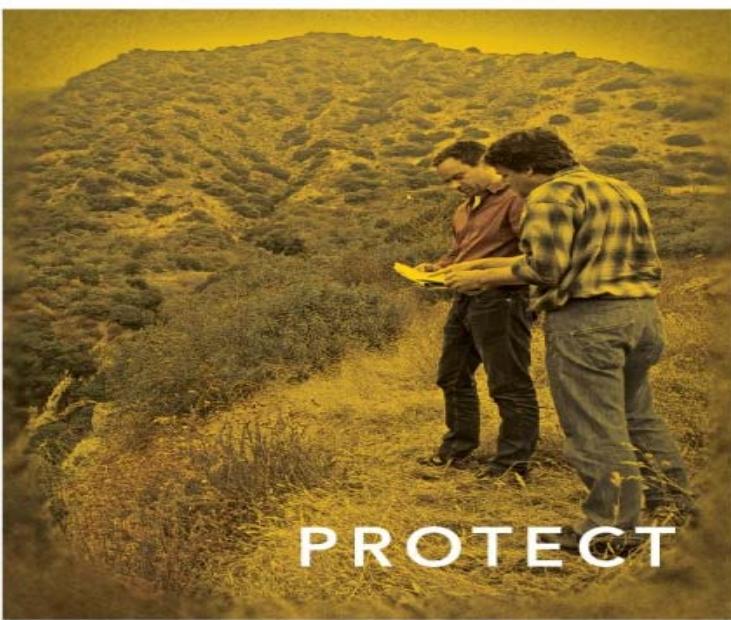
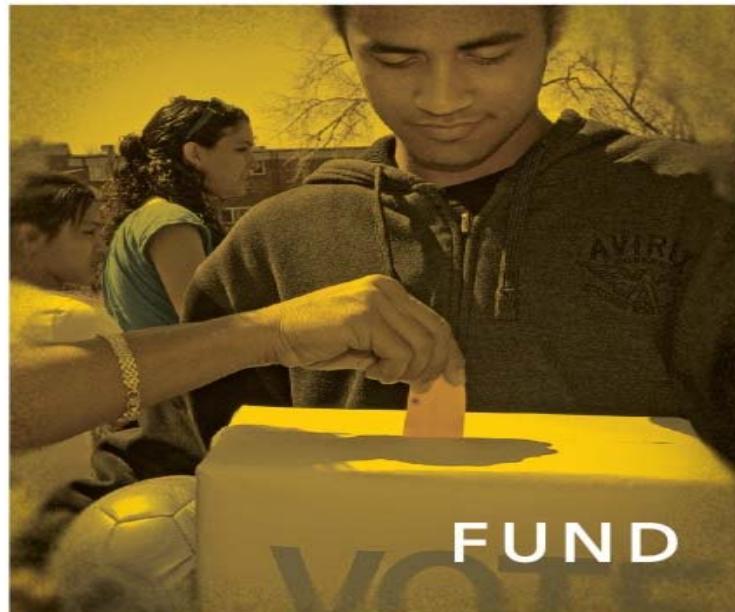
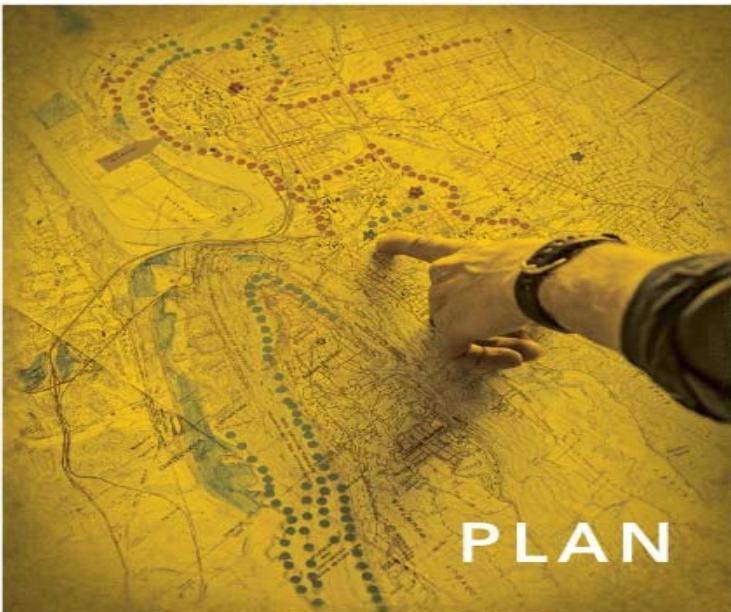
**The Trust for Public Land** creates parks and protects land for people, ensuring healthy, livable communities for generations to come.



# What we do

The Trust for Public Land works to protect the places people care about and to create close-to-home parks—particularly in and near cities, where 80 percent of Americans live. Our goal is to ensure that every child has easy access to a safe place to play in nature. We also conserve working farms, ranches, and forests; lands of historical and cultural importance; rivers, streams, coasts, and watersheds; and other special places where people can experience nature close at hand.





# More about The Trust for Public Land

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- Because we have a proven record of success.
  - We've worked for more than **40 years** to conserve land for people.
  - Since 1972, we've completed **more than 5,000 park and conservation projects** across 47 states, Puerto Rico, and the U.S. Virgin Islands, conserving more than 3 million acres of land, from the inner city to the wilderness.
  - We are the national leader in creating public funds for land conservation, working with states, counties, and cities to **generate nearly \$60 billion** for local conservation efforts since 1996.
  - We've created, sustained, or **supported 340 local land trusts** nationwide.



# Presentation agenda

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1

**Context:** Our Cartographic Products and Current Workflows in ArcMap and AGOL

2

**Use Cases:** How we are using Pro in our work

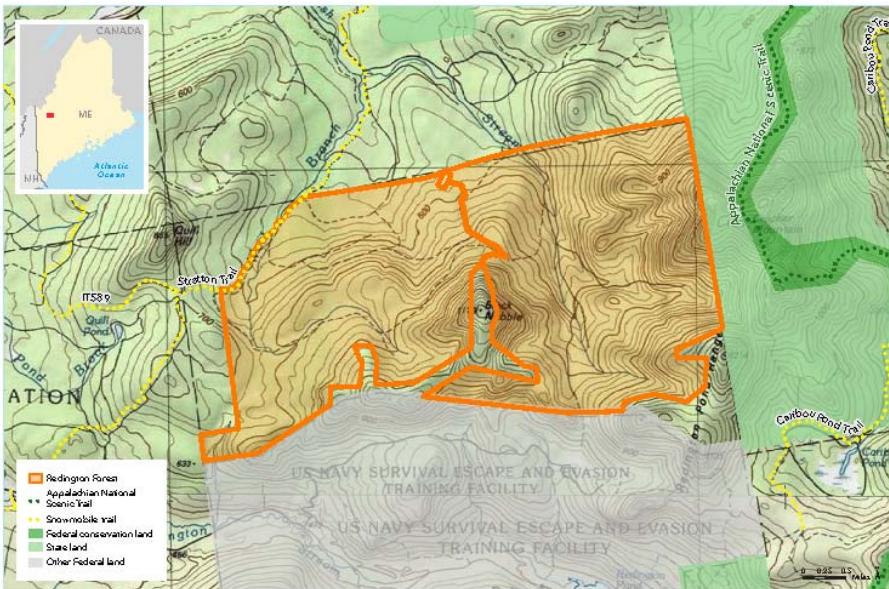
3

**Conclusions:** Successes, challenges, recommendations



# Examples of Current Cartographic Products





## Redington Forest

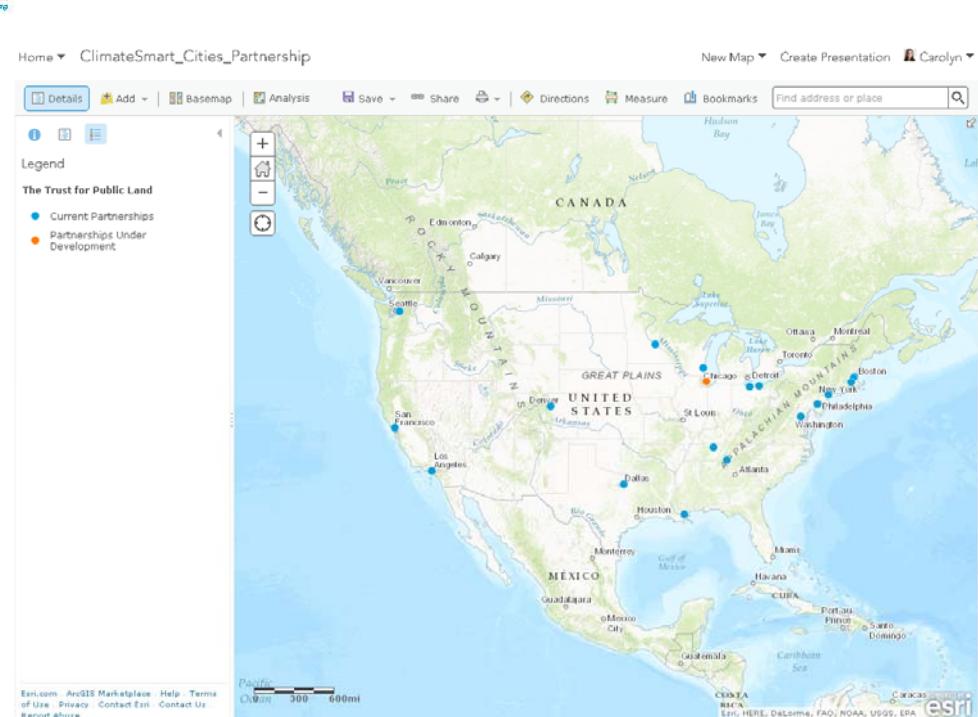
REDINGTON TOWNSHIP, MAINE

- Existing Static 2D, Static 3D, cartographic samples created using ArcMap
- Web map example



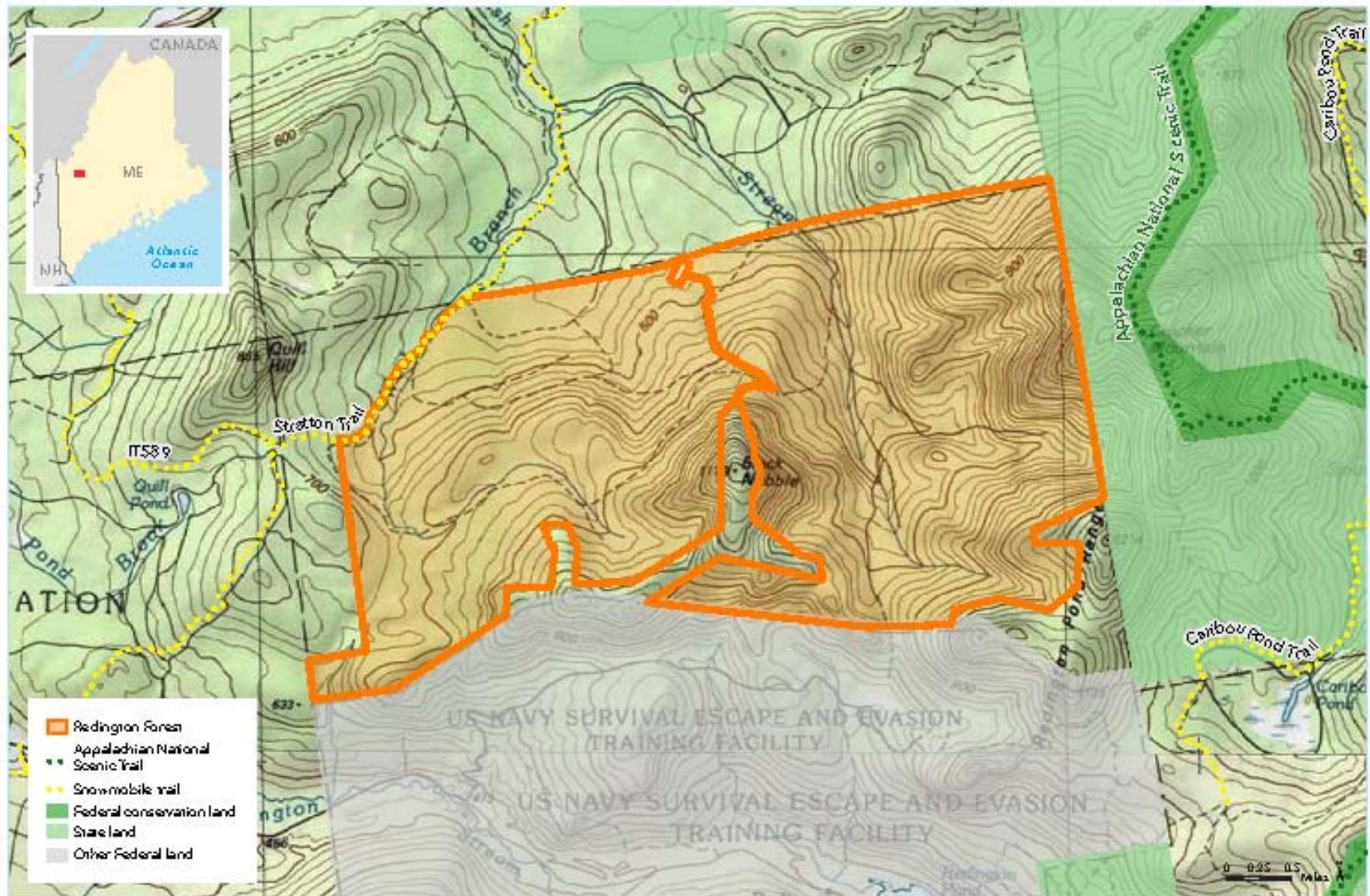
## Kānewai Spring

KULI'OU'OU, O'AHU



# Recreating Our Cartographic Products in Pro





# Redington Forest

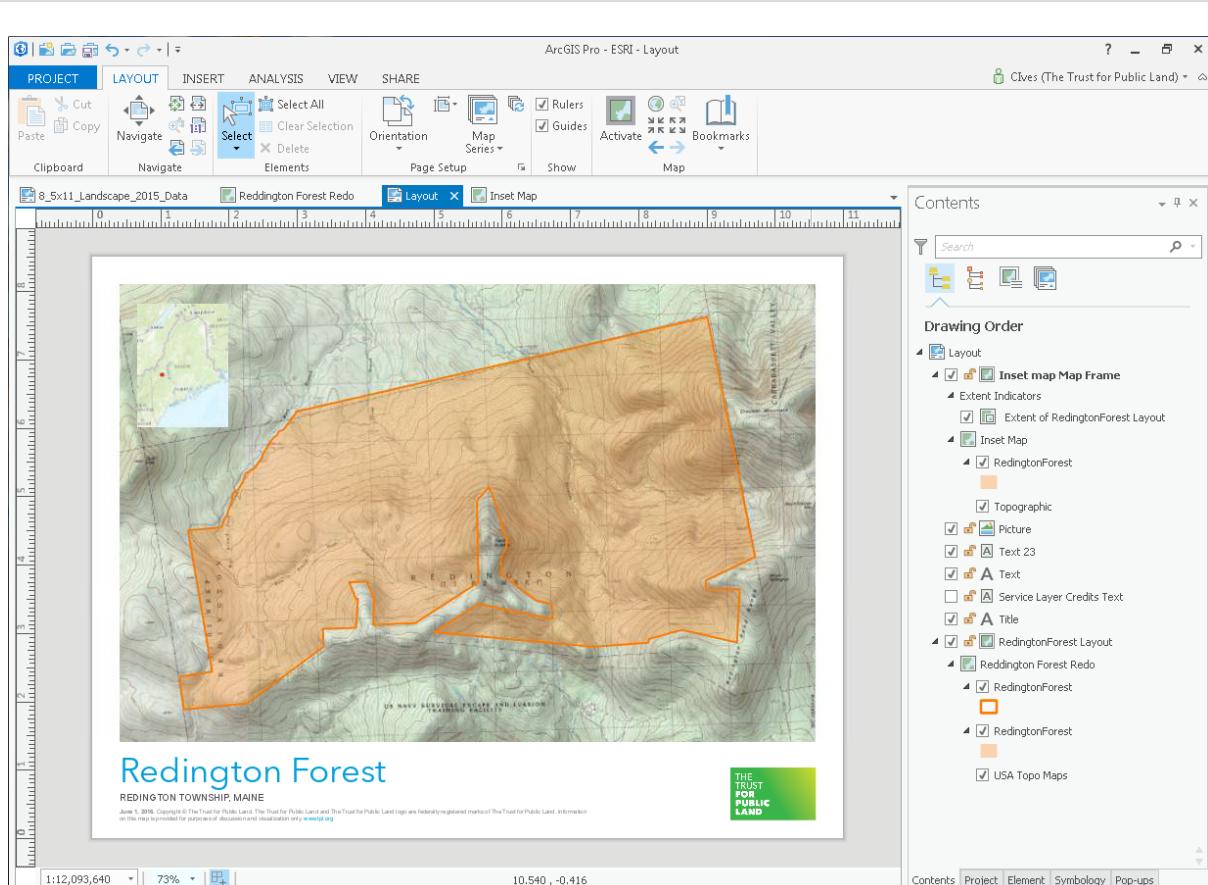
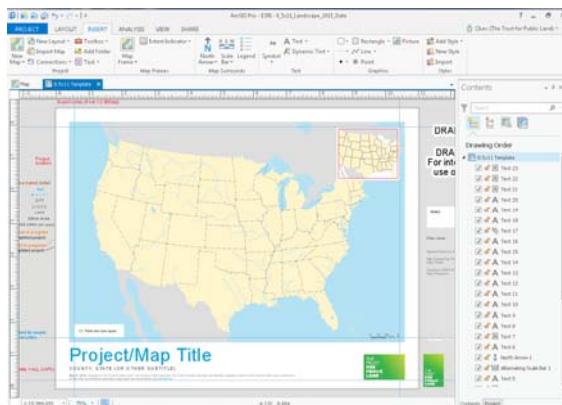
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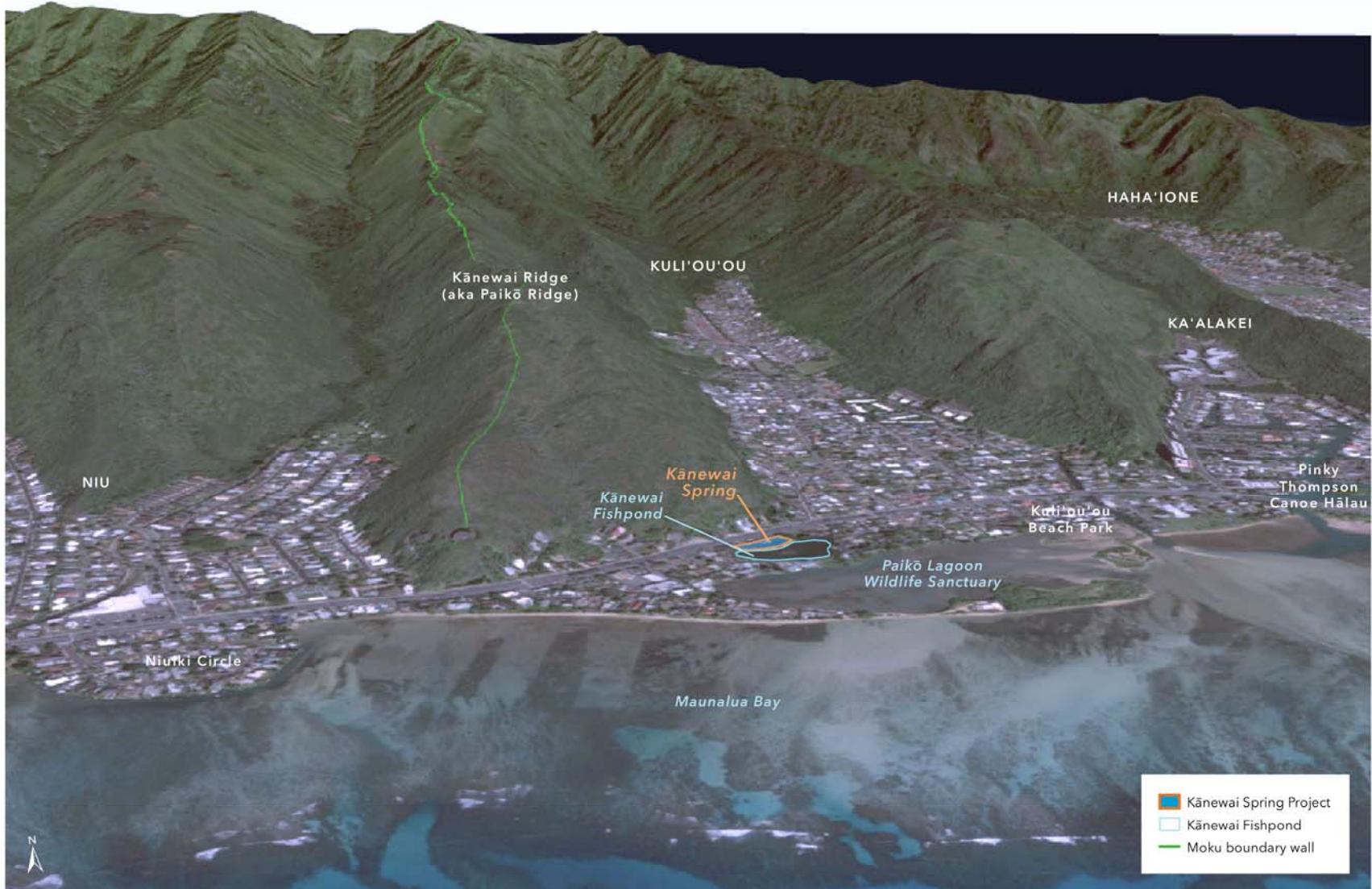


January 6, 2014  
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# Testing 2D/General Cartography in Pro

- Testing templates
  - Multiple layouts
  - Style files
  - Marketing
- Other helpful functions in Pro
  - No rasterization
  - More symbology options
  - Task designer





# Kānewai Spring

KULI'OU'OU, O'AHU

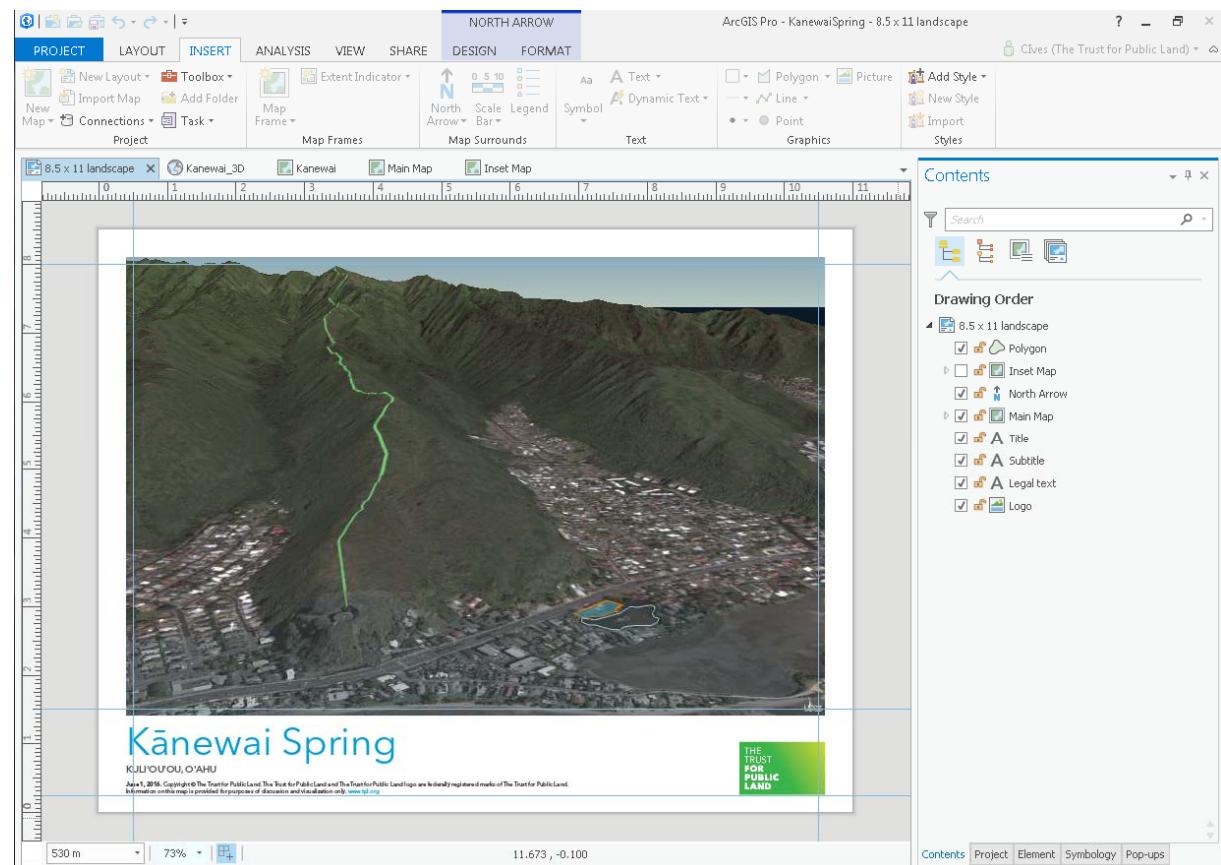


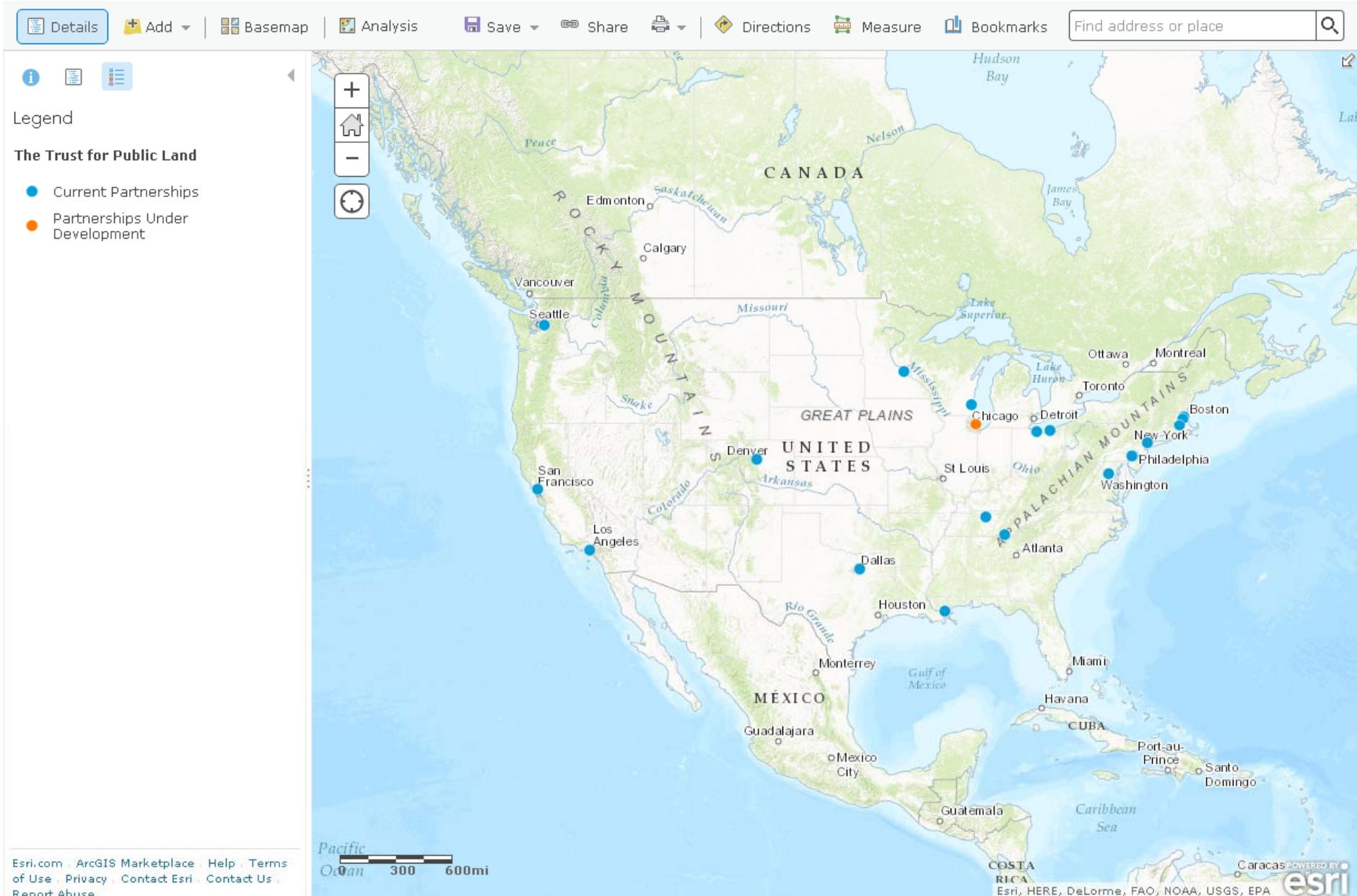
March 1, 2016

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# Testing 3D Cartography in Pro

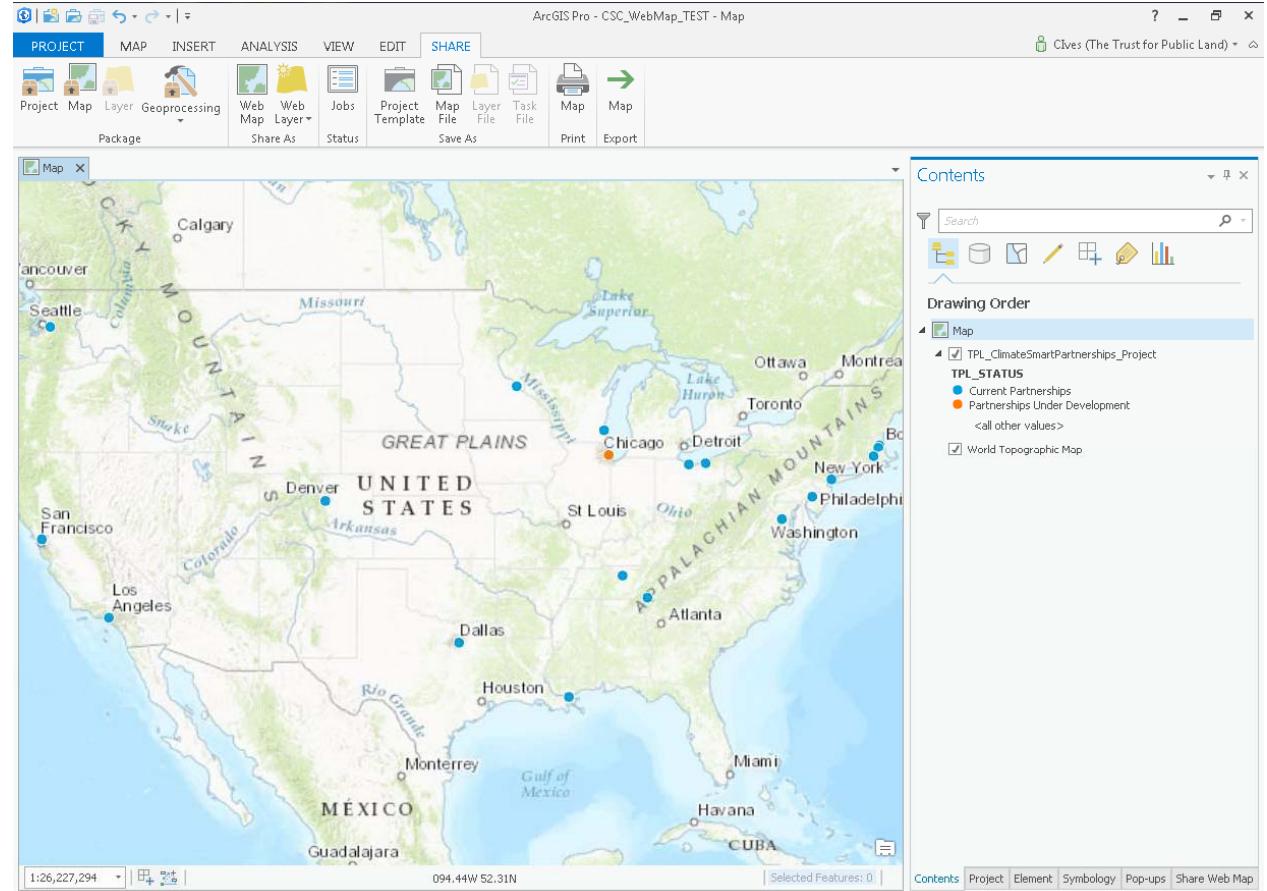
- Testing templates
  - Multiple layouts
- Scene
  - Images
- Other helpful functions in Pro
  - One stop shop
  - More symbology options
  - Multiple layouts
  - Label options





# Testing Web Map Creation in Pro

- Prep data
- Publish
  - To ArcGIS online (and Portal)
- Finalize
- Other helpful functions
  - Easy to prep data (aliases, pop-ups, etc)
  - Streamlined workflow



# What we've learned



# Initial Successes, Challenges, and Recommendations

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- Successes
  - Easily able to incorporate existing templates created in ArcMap
  - Highly streamlined workflows for static 3D and web map creation despite learning the software
- Challenges
  - Getting our infrastructure ready for Pro, getting servers and licenses ready took some initial prep
  - Exporting 3D static maps to PDF
- Recommendations
  - Start with familiar use-cases; workflow/tools are very different
  - Watch Esri/other reference and training videos on getting started in Pro



Resources we found helpful:

<http://pro.arcgis.com/en/pro-app/get-started/get-started.htm>

[http://training.esri.com/Courses/ts\\_GetStartPro/player.cfm](http://training.esri.com/Courses/ts_GetStartPro/player.cfm)

<http://video.arcgis.com/watch/3913/edit-with-feature-templates>

<http://video.arcgis.com/watch/4093/authoring-tasks>



# Thank you!

