



**Savannah River Clean Water Fund (SRCWF)
Conservation Priority Planning
ArcGIS Online Web Mapping Application
User Guide**



Functionality of the web viewer: <https://arcg.is/0fPyeX>

- Layer List
- Legend
- Compare Priority Planning Analysis Objectives
- Print Map
- Share Web Mapping Application



Center for Integrative Conservation Research
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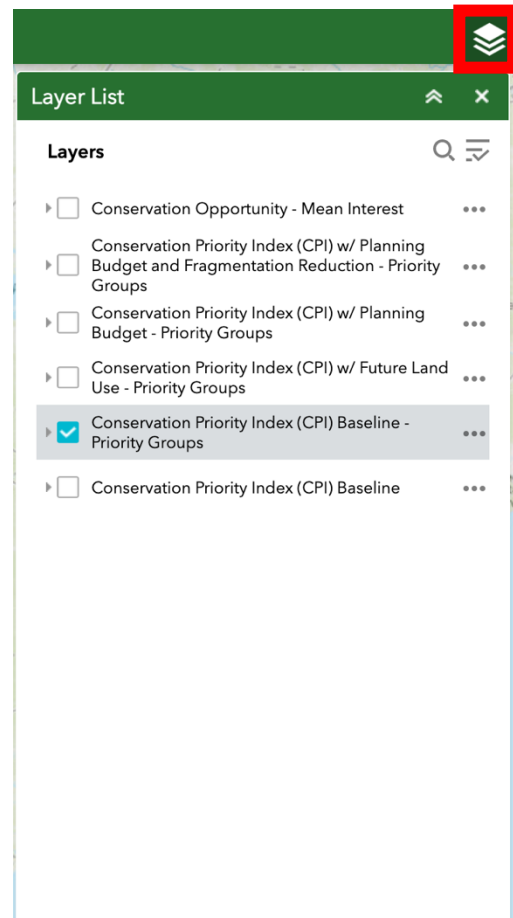


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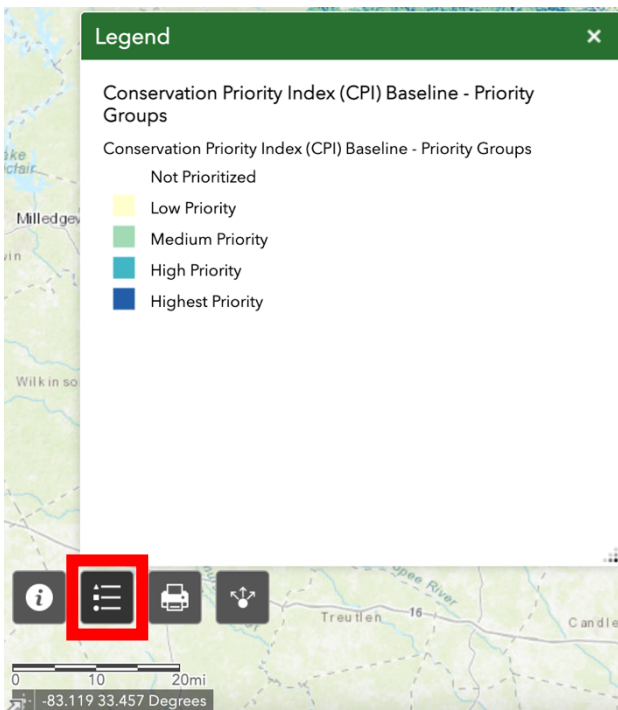
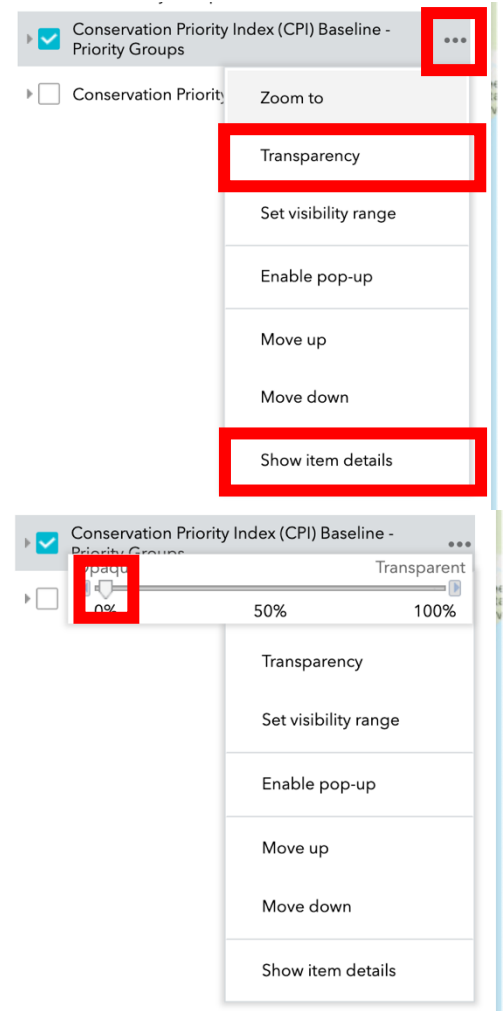
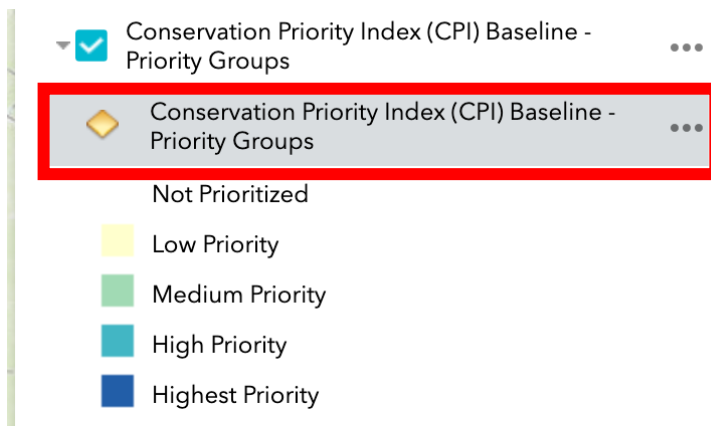
**Please note – this application is a simple raster viewer and not an analytical tool.*

Layer List

- Users can use the panel at the top-right to turn 'on' and 'off' each layer of raster data (pixel format). Toggle the layers using the corresponding check box.
- **Layers** include:
 - *Conservation Priority Index (CPI) Baseline*
 - *Conservation Priority Index (CPI) Baseline – Priority Groups*
 - *Conservation Priority Index (CPI) w/ Future Land Use – Priority Groups*
 - *Conservation Priority Index (CPI) w/ Planning Budget – Priority Groups*
 - *Conservation Priority Index (CPI) w/ Planning Budget and Fragmentation Reduction – Priority Groups*
 - *Conservation Opportunity – Mean Interest*



- **Transparency** - Users can set the layer transparency by clicking on the three dots to the right of the layer name and selecting 'Transparency'. Slide the slider bar to change the transparency.
- **Item Details** - Users can access data descriptions by clicking on the three dots to the right of the layer name and selection 'Show Item Details'.
- **Legend** - Raster layers are summarized to pre-defined classifications, which can be viewed in the **Legend**, or by clicking on the layer name in the **Layer List** and then the item name to the right of the yellow icon for a drop-down legend.



Legend

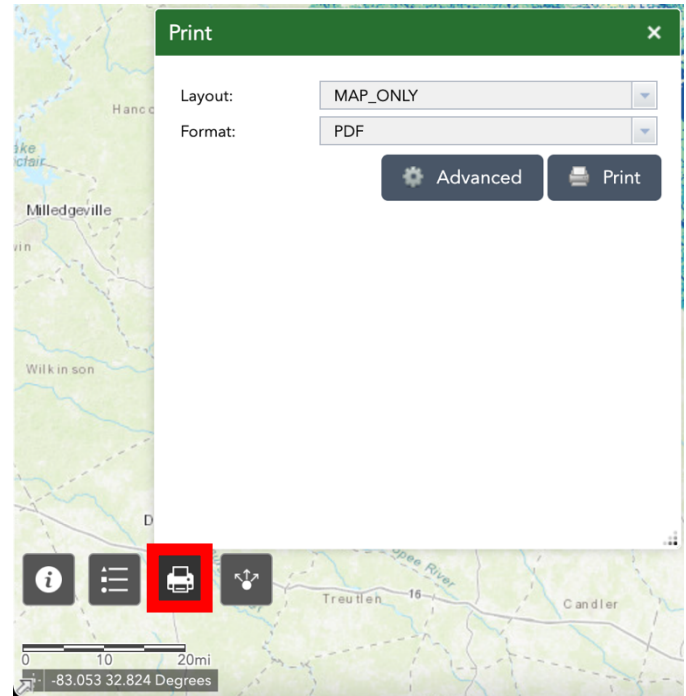
- Users can use the panel in the bottom-left to view the legends of all layers currently toggled 'on'. The legend reflects the pre-defined classifications and symbology of the data.
- As layers are toggled 'on' and 'off', the legend will update to reflect the currently active layers.

Compare Priority Planning Analysis Objectives

- The Web Mapping Application displays four different **Priority Planning Analysis Objectives**, as well as a comparison layer to an analysis of Conservation Opportunity (Mean Interest). The four **Priority Planning Analysis Objectives** are:
 - **Conservation Priority Index (CPI) Baseline:**
 - Which areas of forested land are the highest priority for protection or mitigation from urbanization based on potential impacts to water quality and availability?
 - **Conservation Priority Index w/ Future Land Use:**
 - Which areas of forested land are **both** highest-priority and at greatest risk of future conversion from a 'natural' land cover to a 'non-natural' land cover in the next 30 years?
 - **Conservation Planning Index w/ Planning Budget:**
 - Which areas of forested lands are **both** highest-priority and within a realistic planning budget for projects focused on land conservation and protection?
 - **Conservation Planning Index w/ Planning Budget and Fragmentation Reduction:**
 - Which areas of forest lands are the highest priority, within a realistic planning budget, and collectively decrease fragmentation potential among potential project sites?
- By toggling 'on' and 'off' each Priority Planning layer, users can compare the different **Priority Planning Analysis Objectives** and observe the different priority group assessments and model trade-offs.
 - NOTE: The Objectives that include the Planning Budget do not cover the entire geography, due to the analysis settings. As such, not all pixel locations have been assigned a classification and color, and are instead transparent.
- The *Conservation Priority Index (CPI) Baseline* layer demonstrated the underlying index (values 0 to 21) that is the direct result of the Watershed Management Priority Index (WMPI) calculation, which was then summarized into the four Priority Groups.
- The *Conservation Opportunity – Mean Interest* layer demonstrates the measured average interest in participating in a variety of conservation programs available in the Savannah River Watershed. For more information, see the “Forest Management Survey of Georgia and South Carolina Landowners – Final Report”

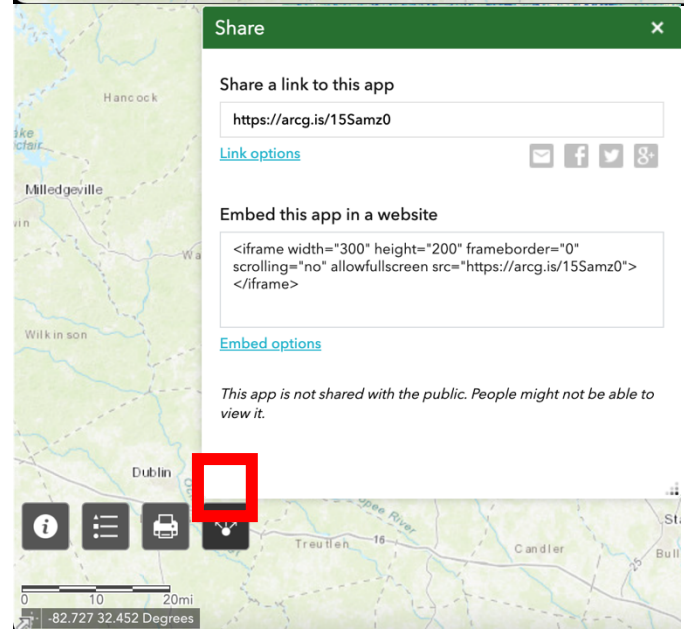
Print Map

- Users can print an image or PDF of their current map view using the 'Print' button in the bottom-left. Choose a layout (default: MAP_ONLY) and a format (default: PDF).
- Use the 'Advanced' options to customize the view and layout of the print map.



Share Web Mapping Application

- Users can share the Web Mapping Application using the 'Share' button in the bottom-left. Use the 'Link Options' button to customize how the web map is digitally shared. Choose email or social media links to send or post the selected web map.



Any specific questions relating to the SRCWF Conservation Priority Planning ArcGIS Online Web Mapping Application functionality not addressed in this user guide or supporting documentation can be directed to Alec Nelson (UGA) - Alec.Nelson@uga.edu