Green Infrastructure Prioritization Tool:
How to use the tool for your project planning needs
Outline

• Introduction
• Available layers
• Navigating the tool
• Applying layers
• Making measurements
• Saving and printing
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Introduction

Purpose

• Select priority areas for Green Infrastructure investments
• Provide tree shade to reduce heat exposure and urban heat islands
• Enhance stormwater management, mobility and livability in our community

Who should use the tool?

• Municipalities
• Non-profits
• Neighborhood groups
Available layers

Access to Shade
- Regional Tree Canopy Cover
- Percent Tree Canopy Cover by Census Block
- 10,000 Tree Campaign Priorities

Water Resources
- Stormwater
- Shallow Groundwater Areas
- Washes
- Watersheds
- Waste- and Reclaimed Water
- Tucson Water Service Areas
Available layers

Vulnerabilities
- Regional Surface Temperature
- Extreme Heat Event Vulnerable Population
- USDA 2013 Food Deserts

Mobility
- Tucson Bikeways
- Regional Pedestrian Demand Areas
- Bus Stops
Available layers

Community

- Schools
- Ward Boundaries
- City of Tucson Neighborhood Associations
Navigating the tool

Location

- GISmaps.PAGregion.com/PAG-giMap/

Note:

- This tool is optimized for use in Google Chrome. Some features may not work properly in Mozilla Firefox. Internet Explorer is not recommended.

- If you encounter issues with the map, hit F5 on your keyboard to refresh the map.
Navigating the tool

About page
  • What is Green Infrastructure?
  • Resources for Implementing Green Infrastructure
  • How Do I Use This Tool?

Opening the map
  • Click the button to view the map
Navigating the tool

Buttons and tools
• Zoom in/out
• Search for an address
• Save PDF to print
• Open “how to” panel
• View layer attributes
• Measurement tools
• Toggle to view streets
• Select layers
Navigating the tool

Mouse navigation

- Click and drag map to pan
- Double click an area of interest to zoom in
- If your mouse has a wheel, point the cursor at your area of interest and spin the wheel up/down to zoom in/out
Applying layers

Selecting layers

- In the legend, click the boxes to select layers you are interested in
- A check mark will show up next to selected layers

Adjusting transparency

- Some layers allow you to adjust transparency
- Use the slider below the layer name to increase or decrease the transparency
Applying layers

Layer visibility & map scale

- Some layers display more detailed information as you zoom in. Examples: washes and Tucson Bikeways
- Other layers and sub layers contain more localized information and are only visible when zoomed in. Examples: stormwater flow lines and riparian areas
Making measurements

Viewing layer attributes

- Click on , then click on the portion of a layer that you are interested in defining.
- Attributes may display on more than one tab, indicated by (1 of __). Click the arrow to scroll through more attributes.
- This is especially useful for finding information about washes and watersheds.
Making measurements

Measuring distance

• Click on \( \text{\textsuperscript{2}} \) and select \( \text{\textsuperscript{2}} \)
• Change the unit of measure in the dialogue box
• Click on the edge of the location you would like to measure
  – A green tab will appear in each spot you click and a blue line will stretch between each point
  – Double click your final point to complete the line
Making measurements

Measuring area

- Click on 🌠 and select 🕒
- Change the unit of measure in the dialogue box
- Click on the edge of the location you would like to measure
  - A blue line will stretch between each spot you click on, and the inner area will be shaded
  - Double click your final point to complete the polygon
Making measurements

Latitude and Longitude

- Click on and select
- Switch between Degrees and DMS in the dialogue box
- Click on a location to place a green tab
- The tool will display map coordinates for both the cursor and green tab
Saving and printing

Save the map as a PDF

• Click the Print button on the map
• In the dialogue box, enter a map title and notes where indicated and click “Set Map Title”
• Click on the drop-down next to “Print” to select paper size, then hit “Print”
• A PDF version will appear in a new window
• If title and notes don’t show up properly, hit F5 to refresh
• Save a digital copy or print directly from your browser
Including a map legend

- Due to the number of layers and features, the PDF export does not currently include a legend
- A separate PDF copy of the legend is available to print [here](#)
Feedback

Thank you for your interest in the Green Infrastructure Prioritization Tool!

If you have any questions or suggestions, contact us at
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Please let us know if you wish to participate in the further development of this resource or would like us to help address your planning needs.