

CRC Round 1 Cal-Adapt Local Climate Change Snapshot Tool Guide

This guide provides detailed instructions for CRC applicants to develop and submit the required Cal-Adapt Local Climate Change Snapshot report that provides a baseline of anticipated climate impacts for a selected CRC Planning or Project Area. Applicants should also include additional data on climate impacts within the “Project Impact and Feasibility” section of the application in Submittable. *For additional information on how the Cal-Adapt local climate change snapshot will impact project scoring, see [Section 9.4: Scoring Criteria](#) of the [CRC R1 Final Guidelines](#).*

Summary

Use Cal-Adapt to identify climate change risks impacting proposed CRC facilities, campus amenities, and planning or project areas relevant for the CRC grant. Please upload a report for any specific facilities included in the CRC Application. If your planning or project area is at the scale of a census tract, city, or county, please upload an additional Local Climate Change Snapshot report that details climate risks for that broader geography.

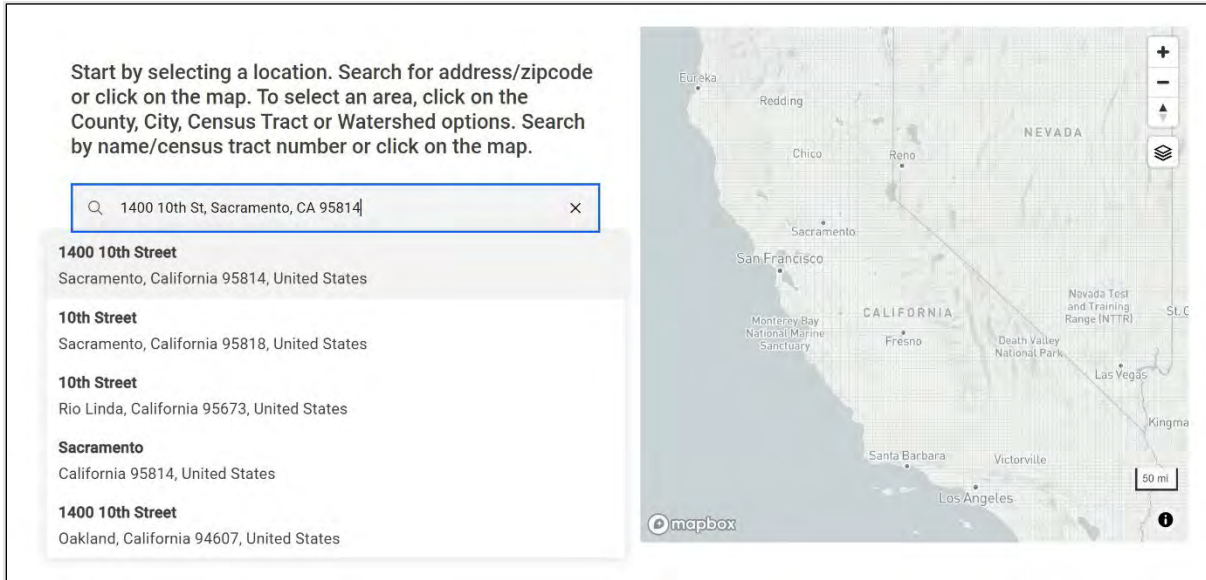
Enter Location into Cal-Adapt

First, open the [Cal-Adapt Local Climate Change Snapshot tool](#). The tool can also be accessed by googling “Cal-Adapt Local Climate Change Snapshot tool.”

Expand the browser window. Scroll down to the portion of the webpage that reads “Start by selecting a location.” Select which of the options below the text box is relevant for your project (address, county, city, census tract, watershed). Please keep in mind that CRC projects are neighborhood-level investments, so we encourage the most specific location data possible (e.g. address preferred over county-level information). *Project Development Grant and Implementation Grant Applicants must include a Local Climate Change Snapshot report for each CRC facility identified in the application.*

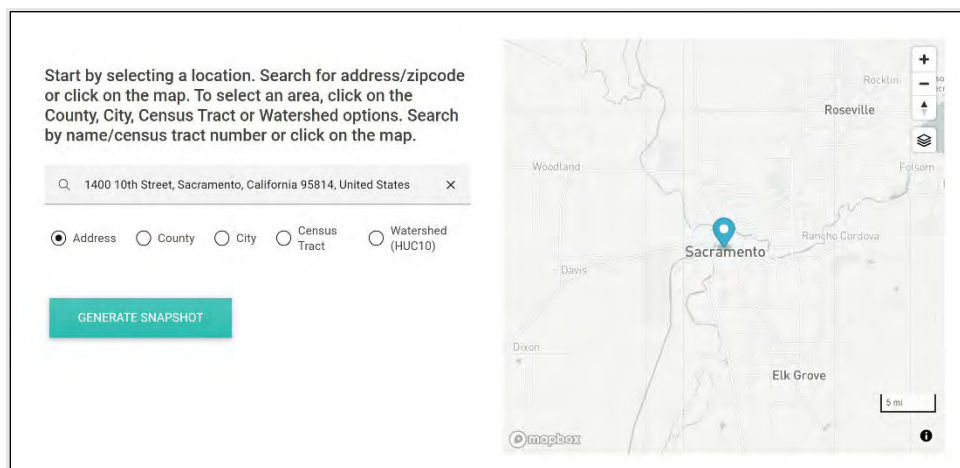
The screenshot shows the web interface for the Cal-Adapt Local Climate Change Snapshot tool. At the top, there is a navigation bar with links for Tools, Data, Help, Blog, and Events. The main heading is "Local Climate Change Snapshot". Below the heading, there is a paragraph explaining the tool's purpose: "Climate change related effects vary significantly throughout California, mirroring our state's diverse climate, topography, and ecology. This tool is a starting place if you are looking to get a quick sense of climate impacts in your region. The Snapshot tool provides climate projections for temperature, precipitation, and wildfire. Additional variables e.g. sea level rise will be added when they become available." Another paragraph states: "The Local Climate Change Snapshot Tool tool is designed to be straightforward and accessible for most users. Watch a [short video](#) on how to use the tool. If you want to explore the data in more depth, other tools on Cal-Adapt provide more configurable options." Below this text, there is a section titled "Start by selecting a location. Search for address/zipcode or click on the map. To select an area, click on the County, City, Census Tract or Watershed options. Search by name/census tract number or click on the map." This section includes a search input field with the placeholder text "Enter address or zipcode" and a search icon. Below the search field are five radio button options: "Address" (selected), "County", "City", "Census Tract", and "Watershed (HUC10)". At the bottom left of this section is a "GENERATE SNAPSHOT" button. To the right of the search and options is a map of California with various cities and regions labeled, including Ukiah, Redding, Chico, Reno, Sacramento, San Francisco, Modesto, Nevada Test and Training Range (NTTR), Death Valley National Park, and Las Vegas. The map also shows state boundaries for California and Nevada.

Once you select your geography type, enter your planning or project area location into the search box. For example, if you have selected “Address” from the area options, enter the full address of the CRC facility. A drop-down menu will appear with a list of options. Select your project location from the list.



Generating your Cal-Adapt Report

Once you enter your project location, the “Generate Snapshot” button located under the location search box will change from gray to green. Click on the “Generate Snapshot” button.





When you select the “Generate Snapshot button” the webpage will update. Scroll up to the top of the new page and click the “Generate Report” button.


cal-adapt Tools Data Help Blog Events About


[SELECT A NEW LOCATION](#) [GENERATE REPORT](#)

Local Climate Change Snapshot for 1400 10th Street Sacramento, California 95814, United States



 TEMPERATURE

 PRECIPITATION

 WILDFIRE

Overall temperatures are projected to rise in California during the 21st century. While the entire state will experience temperature increases, the local impacts will vary greatly with many communities and ecosystems already experiencing the effects of rising temperatures.

Scroll on the page until you see a pop-up window titled “Select Climate Indicators”. The pop-up window will have a list of options categorized into 3 categories: temperature, precipitation, and wildfire. Select every indicator under each of the 3 categories. Then press “Submit”.

Select Climate Indicators ✕

Temperature

- Annual Average Maximum Temperature
- Extreme Heat Days
- Annual Average Minimum Temperature
- Warm Nights

Precipitation

- Maximum 1-day Precipitation
- Maximum Length of Dry Spell
- SPEI 1-month
- April SWE
- Annual Precipitation

Wildfire

- Annual Average Area Burned
- KBDI > 600

[SUBMIT](#)

downscaled climate projections generated to support California's Fourth Climate Change Assessment. Details are desc

Finalize and Upload

Once you hit submit, Cal-Adapt will generate a report that will download as a PDF. The first page of the report will be titled “Local Climate Change Snapshot” and will include your project location.



Please rename your file using the following naming convention before uploading: [Lead Applicant Name_Proposal Name]_Cal-Adapt_1 of [total # of Cal-Adapt reports]. Then upload that file to Submittable in the appropriate section.

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