

Investigate Options | Integrating National Options into Community Inventory

WHO

These instructions are for the Practitioner and Government Champion as they work with the Planning Team to Investigate Options to consider for their local resilience plan.

WHAT

The final deliverable for the Investigate Options step is a spreadsheet of options (strategies and actions) that is aggregated and organizes options to be considered for Taking Action to build resilience in their community.

SUPPORTING RESOURCES

- Pull the Resilience Objectives and Local Options that were developed in [4.2 Develop Resilience Objectives - Worksheet](#)
- Access the U.S. Climate Resilience Toolkit's online Options Database at [Options Database | U.S. Climate Resilience Toolkit](#)
- Use [4.5 Inventory of Community Options - Worksheet](#) to record your work

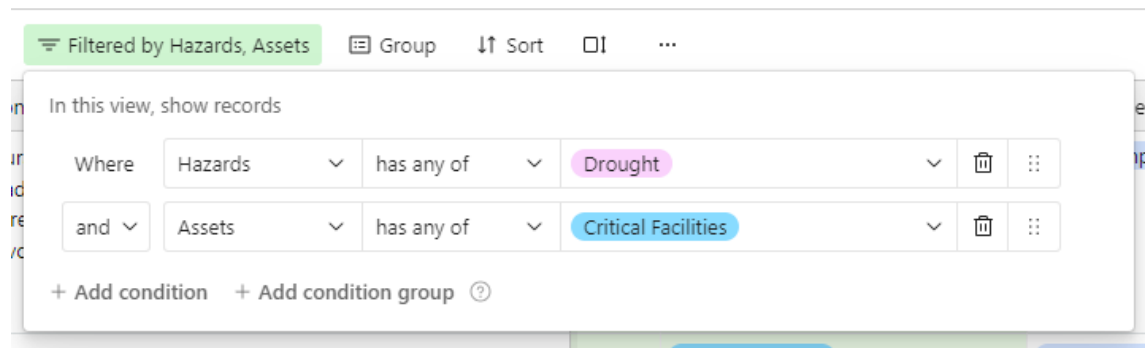
INSTRUCTIONS

- Open [4.5 Inventory of Community Options - Worksheet](#) that you used during [4.2 Develop Resilience Objectives - Worksheet](#)
 - Review the types of options you listed
- Access and download options from the U.S. Climate Resilience Toolkit's Options Database at <https://toolkit.climate.gov/content/options-database>

Search the Database

Search the database by the hazard and assets that were recorded in [4.5 Inventory of Community Options - Worksheet](#). To do this within the database...

- Click "Filter" (looks like an upside-down pyramid)
- Select "+ Add Condition"
- Use the dropdowns to select... "Where ... [Options dropdown =] **Hazards** ... [contains dropdown =] **has any of** ... [Select an option =] **select a hazard identified in the worksheet**"
- To add assets to your filter search, start by selecting "Filtered by Hazards" to open the menu again.
- Select "+ Add condition"
- Use the dropdowns to select... "**and** ... [Options dropdown =] **Assets** ... [contains dropdown =] **has any of** ... [Select an option =] **select an asset identified in the worksheet**"



Download/ Capture Filtered Options

- To capture the filtered selection, start by selecting the checkbox to the left of “Option.” This will select all of the options displayed.
- Push Ctrl+C (or Command+C for Macs) on your keyboard to copy the selected data.
- Paste your copied data into a *blank spreadsheet* by pressing Ctrl+V (or Command+V for Macs).
- Optional: You can also download and manually filter the options by selecting the “...” option in the navigation toolbar to the right of “Filtered by Hazards, Assets” and select “Download CSV”

Transfer Options

- Review the options in your blank spreadsheet that you may be missing from [4.5 Inventory of Community Options - Worksheet](#) and copy them into the correct “Resilience Objective” tab

Complete for each Resilience Objective

- Complete** the exercise for each pair of hazards and assets that are included in each Resilience Objective that you identified in [4.2 Develop Resilience Objectives - Worksheet](#)
- Review and expand** on each option exported from the Options Database into [4.5 Inventory of Community Options - Worksheet](#)
 - Give the option a label that will make it easy to find and discuss (Community ID)
Many communities use a simple prefix followed by a number. For example, Asheville, North Carolina used a system of *AVL-1, AVL-2*. Other communities used a prefix descriptive of Action Type. For example Policy Options were *Pol-1, Pol-2*, and Outreach Options were *OR-1, OR-2*.
 - For each option, try to rewrite the option to make it more applicable to building resilience in your community [*Local Option (Reworded) column*].
 - Are there duplicative options, or ones that build upon one another? If so, combine these options into a single option.
 - Record the updated option description in the *Local Option (Reworded) column*.
 - Optional - Add some background comments in a Notes column. Include where exactly the option would be applicable, who/ what does the option benefit, and who would be responsible for implementing.

Implementation Examples

Outside of a general database of resilience options, various reports exist that detail resilience actions and projects:

- The report, [Climate Resilience Strategies for Buildings in New York State](#), gives an overview of various strategies based on hazard throughout the state, as well as examples and additional resources.
- The [U.S. Climate Resilience Toolkit](#) provides several case studies across the U.S. and across sectors that show examples of communities that are working toward or implementing resilience-building strategies and projects.
- [Silicon Valley 2.0 Climate Adaptation Guidebook](#) produced a complete set of Climate Adaptation Strategies that are presented in a table that is grouped first by asset type and then by major Climate Variables. It is not clear from the report if the County prioritized these actions as a next step.
- Within the [multi-jurisdiction assessment for Southeast Palm Beach County](#), both regional and city-level actions were inventoried. Regional strategies are in the executive summary and each city within an appendix.
- In [Resilient Rhody: An Actionable Vision for Addressing the Impacts of Climate Change in Rhode Island](#) the options were inventoried by sector (found in the appendix), such as power, transportation, and water.