Investigate Options | Develop Resilience Objectives

WHO

This exercise is for the practitioner and planning team to complete in the Investigate Options step.

WHAT

This exercise consists of several individual tasks to prepare for brainstorming options, which is the next exercise in the Investigate Options step. These tasks rely on the use and application of many of the past exercises.

SUPPORTING RESOURCES

- Central Challenges were developed at the end of [3.11 Vulnerability and Risk Synthesis Report - Template](#).
- Review [1.3 Vision, Values, and Goals - Worksheet](#) to help inform the resilience objectives.

INSTRUCTIONS

Complete the following exercises as a team in the order they are listed:

- ☐ Identify up to five Resilience Objectives that aim to address the Central Challenges and fulfill the vision, values, and goals.

Resilience Objectives

What Resilience Objectives can be developed to take action on the key Central Challenges identified? One objective can target one or multiple key challenges. When writing the objective, it is important to include the key hazard and the primary assets being impacted by this hazard. If the Resilience Objective builds community capacity to address multiple hazards and assets, include a description that states "Multiple Hazards" and/or Multiple Assets.

1	
2	
3	
4	
5	

Notes

- Note one
- Note two
- Note three
- ...

Transfer

- ☐ Transfer these Resilience Objectives to 4.5 Inventory of Community Options - Worksheet in the Resilience Objectives Row Labels (at the top of the page) that are highlighted in light blue.
  - ☐ Each Resilience Objective will be a separate worksheet (tab) within the document

WHAT ARE RESILIENCE OBJECTIVES?

Resilience objectives can be thought of as goals, but are different from the overarching goals for the project. These are objectives that help the community make targeted action to address key challenges. These objectives should align with the vision, values, and goals outlined at the outset of the project and may aim to address climate resilience, social equity, or both. There is a hierarchy of identifying actions that exists (see diagram below). Within a single objective, there are often multiple strategies that can help meet the objective. Within those, there are often individual actions, or projects, that can be implemented.

Objective
Protect people and our environment while adapting to the future

Strategy
Enhance the protective features of the natural ecosystem

Action
Increase the population of wind resistant tree species

Action
Acquire repeatedly flooded parcels as appropriate and convert into green infrastructure

Action
Increase linkages between existing green infrastructure wherever feasible

Strategy
Upgrade public assets to minimize services disruptions during acute shocks

Action
Harden existing critical assets within 100-year and 500-year flood zones or relocate if feasible

Action
Install backup power generation at essential city facilities by 2024

Action
Assess the impact of renewable energy integration on mutual aid agreements

IMPLEMENTATION EXAMPLES

Define resilience objectives

- Within the [Pittsburgh Resilience Strategy](#), the City developed three main goal areas: people, place, and performance. Using these goal areas, objectives were developed that actions could then be mapped with. Sections of the report are divided into the goal areas, where you'll find the matching objectives and actions.
- The [City of Tallahassee Resilience Plan](#) outlines goals and strategies. In this plan, the strategies serve as objectives, where different actions can be taken to fulfill them. Chapter 3 describes these goals and strategies before going into detail on the actions for each.
- [Providence's (RI) Climate Justice Plan](#) is organized by community themes, such as Collaborative Governance and Accountability, Housing and Buildings, and Community Health. Outlined within each of these sections, are objectives, targets, and strategies. The objectives outlined are focused on achieving climate justice in the City and are excellent examples of how equity objectives align with resilience objectives. Targets are specific outcomes to measure and track progress towards meeting the objectives and strategies are action and policy steps designed to achieve the objectives. An example from the Housing and Buildings section is below:
  - **Objective: To end displacement and ensure dignified housing and access to affordable, efficient, and clean energy for Providence residents, while eliminating fossil fuel use in all buildings.**
  - Strategies: Ensure all residents can benefit from energy efficiency improvements without concern for being displaced; Pass a building energy reporting ordinance; Expand knowledge of and access to existing energy efficiency programs.
  - Targets: By 2035, 48% of residential heating and 45% of commercial converted to heat pumps; by 2040, reduce low-income energy burden to <5%; By 2040, eliminate utility shut-offs.