

Compact Climate Assessment Tool (C-CAT)

Priority Actions

Greenhouse Gas Emission Mitigation Priority Actions

Mitigation Action #1: Establish internal (government operations) and community-wide targets/commitments for greenhouse gas emissions reductions and renewable energy goals, measure, and publicly report progress.

Mitigation Action #2: Improve building energy efficiency and conservation in new and existing buildings, across both residential, commercial, and government buildings.

Mitigation Action #3: Advance the use and adoption of solar energy within government operations and community-wide.

Mitigation Action #4: Expand the use of electric vehicles (EVs) and the installation of EV infrastructure both within government operations and community-wide.

Mitigation Action #5: Reduce vehicle miles traveled. This may include major public transit investments, bike and pedestrian investments, alternative work schedules, and transit oriented development.

Adaptation Priority Actions

Adaptation Action #1: Conduct internal assessment of capacity to advance adaptation and resilience initiatives.

This should include identifying potential staff and financial resources/capacity. In some cases, staff/resources may already support activities and projects that advance adaptation/resilience goals, but are not identified as such. Should sufficient internal capacity not exist, seek support from your county, other municipalities, and other partners to develop a plan for how your local government will prioritize capacity for adaptation/resilience initiatives.

Adaptation Action #2: Conduct vulnerability analysis of hazards related to climate change including, but not limited to, sea level rise, flooding, saltwater intrusion, heat, extreme weather.

The analysis should assess exposure and sensitivity of various assets including, but not limited to critical infrastructure, communities/populations, historic/cultural assets, transportation, natural resources, and economic assets. Assessment should seek to identify what factors contribute to elevated exposure and sensitivity, and what physical, social, institutional, human, and financial capacities exist to adapt, and where there are gaps.



Adaptation Priority Actions (continued)

Adaptation Action #3: Develop a community-wide adaptation/resilience plan, inclusive of specific actionable strategies and timeframes.

Adaptation Action #4: Planning: Incorporate risk reduction and equitable community resilience into planning.

This may include comprehensive plans, housing initiatives, post-disaster redevelopment plans, stormwater management plans, transportation plans, and land development regulations, inclusive of low-impact development. Sea level rise projections should be included in all planning activities.

Adaptation Action #5: Policy: Advance policies that reduce risk and build equitable community resilience.

This may include improving stormwater management practices, adopting urban heat policies, updating infrastructure standards, conducting remediation of contaminated sites , and updating building codes.

Adaptation Action #6: Capital Projects: Advance capital projects that reduce risk, adapt to changing climate conditions, and build equitable community resilience.

This may include living shorelines, water infrastructure, resilience hubs, parks & open spaces, urban greening, tidal valves, pump stations, and road/bridge elevation.

