

Municipal Mitigation Strategy Worksheet

Sept. 2021

- Use this worksheet to develop a mitigation strategy for your municipality.
- Use a separate worksheet for each mitigation strategy.
- **By TH Oct. 21**, submit all *mitigation strategy worksheets* in MS WORD format to mclellan@countyofdane.com and husen.sara@countyofdane.com.

Municipality	City of Madison	
Mitigation Strategy Name	Improving Resilience to Extreme Heat Events	
Mitigation strategy goal		
<i>Highlight the applicable strategic category</i>	Prevention	Natural Resource Protection
	Property Protection	Critical Facilities Protection
	Public Education & Awareness	Structural Project
<i>Describe the overall improvements to the community including the purpose for and the desired outcome from implementing this strategy</i>	<p>Purpose: Characterize risk and vulnerabilities to extreme heat events, develop and apply a Heat Resilience Action Plan to equitably avoid, minimize, and mitigate the impacts of these events in the City of Madison.</p> <p>Desired outcome: Through the successful application of equitable, community-driven solutions, the City of Madison will minimize or eliminate urban heat island effect and negative health outcomes and death from extreme heat events. City of Madison operations and residents have the information, tools, and resource they need to be resilient during extreme heat events. Extreme heat events no longer disproportionately impact our most vulnerable residents.</p>	
Define the steps to achieving this mitigation strategy		
<p>1. Conduct analysis to create maps that identify and visualize air and surface temperatures in Madison, where urban heat islands occur, and the location of populations most sensitive or vulnerable to extreme heat events.</p> <p>a. <i>Responsible Party</i> – City of Madison in partnership with researchers at the University of Wisconsin at Madison</p> <p>b. <i>Funding source</i> – City of Madison budget plus grant assistance if available.</p> <p>c. <i>Completion date</i> – Q4 2022 or earlier</p>		

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<p>2. Engage the community to understand current heat resilience practices, identify needs, and develop solutions that will improve heat resilience that result in a Heat Resilience Action Plan, with a particular focus on equitable solutions that providing heat island mitigation and adaptation for sensitive and vulnerable populations.</p> <p>a. <i>Responsible Party</i> – City of Madison in partnership with researchers at the University of Wisconsin at Madison and community organizations</p> <p>b. <i>Funding source</i> – City of Madison budget plus grant assistance.</p> <p>c. <i>Completion date</i> – Q3 2023 or earlier</p>	
<p>3. Apply solutions identified in the Heat Resilience Action Plan to minimize or eliminate urban heat island effect and provide City operations and residents with the information, tools, and resource they need to be resilient during extreme heat events.</p> <p>a. <i>Responsible Party</i> – City of Madison in partnership with community organizations</p> <p>b. <i>Funding source</i> – City of Madison budget plus grant assistance.</p> <p>c. <i>Completion date</i> – Q4 2023 and beyond</p>	
<p>4.</p> <p>a. <i>Responsible Party</i> –</p> <p>b. <i>Funding source</i> –</p> <p>c. <i>Completion date</i> –</p>	
<p>5.</p> <p>a. <i>Responsible Party</i> –</p> <p>b. <i>Funding source</i> –</p> <p>c. <i>Completion date</i> –</p>	