

5.0 APPENDICES

APPENDIX 2: PROJECT PRIORITIZATION

This appendix contains a spreadsheet used to calculate project prioritization scores. Scores were then utilized to place each mitigation action or project in to a “High”, “Medium”, or “Low” category. Section 3.2 – Mitigation Strategy; Project Prioritization outlines the “STAPLEE” evaluation criteria used to prioritize the mitigation actions.

CLERMONT COUNTY HAZARD MITIGATION PLAN (2025 UPDATE)

Mitigation Strategy Prioritization

Definition of Priority Scoring

5		Best outcome for each criterion (e.g., very few negative social impacts, minimal (or doable in-house) administrative requirements, etc.)
4	↓	High = 37 to 33
3	↓	Medium = 32 to 28
2	↓	Low = 27 to 23
1		Worst outcome for each criterion (e.g., significant political drawback, economically unfeasible, negative environmental consequences, etc.)

STRATEGY		PRIORITY CATEGORIES								SUM	RES. PRIORITY
Number	Description	Social Impacts	Technical Feasibility	Admin. Requirements	Political Impacts	Legal Ramifications	Env. Impacts	Economic / Cost Benefit	Hazard Ranking		
CC-AH.1	Provide public education and outreach on disaster preparedness including websites, newsletters, social media, Preparedness Month events, etc.	5	5	4	5	5	5	5	3	37	HIGH
CC-AH.5	Update portions of the county's Emergency Operations Plan (EOP).	4	3	5	5	5	5	4	3	34	HIGH
Summer Weather 3	Maintain StormReady certification.	5	5	4	5	5	5	3	2	34	HIGH
Public Health 1	Disseminate periodic outreach material to all participating jurisdictions providing information on public health emergencies.	5	5	4	5	5	5	3	2	34	HIGH
Cyber Incident 2	Encourage county and municipal stakeholders to participate in the Infragard Program.	3	5	5	3	5	5	4	3	33	HIGH
Summer Weather 1	Providing multiple means of disseminating severe weather notifications, (i.e., weather radios, smart phone apps, social media feeds, registration to a mass notification system.	5	4	4	5	5	5	3	2	33	HIGH

Hazmat 2	Continue Tier II reporting from covered facilities per SARA Title III.	5	5	4	4	5	5	3	2	33	HIGH
Hazmat 4	Disseminate public outreach regarding disposal of household hazardous waste.	4	5	4	5	5	5	3	2	33	HIGH
Dam Failure 1	Coordinate with ODNR to implement the Dam Safety Program.	4	5	4	4	5	5	4	2	33	HIGH
Dam Failure 4	Coordinate with local communities to ensure they understand dam failure risks and impacts.	5	3	5	5	5	5	3	2	33	HIGH
Landslide 8	Consider vegetation placement and management plans to increase soil stability.	5	4	4	5	5	5	3	2	33	HIGH
Terrorism 2	Coordinate with law enforcement to ensure safety at mass gathering events.	5	5	3	5	5	5	4	1	33	HIGH
Summer Weather 2	Create a SOG for the timely clearing of storm debris from roadways.	5	4	3	5	5	5	3	2	32	MEDIUM
Hazmat 3	Update Commodity Flow Study to identify types and volumes of hazardous materials transported through the county via highway, waterway, pipeline, railway & airway.	4	3	4	5	5	5	4	2	32	MEDIUM
Invasive Species 3	Implement an invasive species education program to include hazards, identification, behavior, and quarantine procedures.	5	5	4	4	5	5	2	2	32	MEDIUM
Winter Weather 1	Disseminate public education material on winter weather safety, to include family and traveler emergency preparedness, driver safety, and animal protection.	5	5	3	5	5	5	2	2	32	MEDIUM
Wildfire 1	Promote public education on smoking hazards, recreational fires, and red flag warnings.	5	5	3	5	5	5	2	2	32	MEDIUM

Dam Failure 5	Coordinate with dam owners to rehabilitate High Hazard Potential Dams (HHPDs).	5	2	4	5	5	5	4	2	32	MEDIUM
Landslide 4	Provide mitigation guidance to property owners on site stabilization, energy dissipation, and flow control measures.	5	4	4	4	5	5	3	2	32	MEDIUM
Landslide 9	Place future utilities outside of landslide prone areas to decrease service disruptions.	5	3	4	5	5	4	4	2	32	MEDIUM
Extreme Temp 2	Provide guidance and resources on utility assistance programs.	5	5	3	5	5	5	3	1	32	MEDIUM
Earthquake 1	Use outreach to foster earthquake awareness and mitigation in homes, schools, and businesses.	3	5	4	5	5	5	4	1	32	MEDIUM
Cyber Incident 1	Continue to educate county employees on cyber hygiene. Coordinate with Ohio Cyber Integration Center to disseminate information to improve cyber security.	3	4	4	3	5	5	4	3	31	MEDIUM
Cyber Incident 4	Identify appropriate agencies to conduct a gap analysis to detect and prioritize cyber security needs across county owned critical assets.	4	3	4	4	5	5	3	3	31	MEDIUM
Tornado 1	Coordinate with local communities to conduct an assessment of the outdoor warning system.	4	5	3	4	5	5	2	3	31	MEDIUM
Utility Failure 1	Increase frequency of tree trimming along township roads and utility rights-of-way.	5	3	4	5	5	3	4	2	31	MEDIUM
Invasive Species 2	Increase surveillance efforts to identify what areas of the region invasive insects (i.e., Box Tree Moth) are inhabiting and where they are traveling.	4	3	4	5	5	5	3	2	31	MEDIUM

Invasive Species 5	Increase protection efforts for public infrastructure affected by dead/dying vegetation due to invasive species.	4	3	4	5	5	5	3	2	31	MEDIUM
Flooding 2	Conduct studies to identify poor drainage areas.	5	3	3	4	5	5	3	2	30	MEDIUM
Flooding 5	Encourage residents in flood-prone areas to purchase flood insurance.	3	5	5	2	5	5	3	2	30	MEDIUM
Invasive Species 1	Continue to coordinate with greenhouse owners and conduct inspections of greenhouses to identify possible invasive species that could be sold and planted throughout the county.	3	3	4	4	5	5	4	2	30	MEDIUM
CC-AH.2	Develop or update back-up power generation capabilities at critical governmental facilities.	4	2	4	4	5	4	4	2	29	MEDIUM
CC-AH.6	Update portions of the county's Continuity of Operations Plan (COOP).	4	3	5	4	5	5	3	3	29	MEDIUM
Flooding 4	Continue to identify and study riverbank stabilization opportunities.	4	2	4	4	5	5	3	2	29	MEDIUM
Hazmat 1	Organize an annual emergency drill to prepare for a disaster involving hazardous materials.	4	3	3	4	5	5	3	2	29	MEDIUM
Landslide 5	Install catch-fall nets made of high tensile steel wire mesh in known and potential landslide areas along transportation routes.	5	2	4	4	5	3	4	2	29	MEDIUM
Extreme Temp 1	Continue to identify publicly available spaces that can be utilized by vulnerable populations during extreme temperature events.	5	3	3	4	5	5	3	1	29	MEDIUM
Cyber Incident 5	Conduct penetration tests (i.e., simulated cyberattacks) on high priority computer systems to identify cyber security gaps.	3	3	3	3	4	5	4	3	28	MEDIUM

Utility Failure 2	Encourage critical facilities to develop Continuity of Operations Plans (COOPs).	4	3	3	3	5	5	3	2	28	MEDIUM
Drought 2	Evaluate potential impacts of AI generating plants on available water sources.	5	3	3	4	5	5	2	1	28	MEDIUM
CC-AH.3	Continue fire code, building code, zoning and floodplain management enforcement activities.	2	4	4	2	5	5	3	2	27	LOW
Flooding 3	Maintain ditches along publicly owned rights-of-way, and repair or replace culverts to control flooding.	5	2	3	3	4	4	4	2	27	LOW
Invasive Species 4	Work with agricultural producers to monitor and minimize nutrient runoff to prevent Algal Blooms.	3	3	4	3	4	5	3	2	27	LOW
Dam Failure 2	Encourage dam owners to develop or update dam safety plans (EAPs).	4	2	3	3	5	5	3	2	27	LOW
Dam Failure 3	Encourage dam owners to be prepared to respond to a dam failure, including a notification plan to appropriate response agencies.	5	2	3	3	5	5	4	2	27	LOW
Landslide 3	Implement Sanitary System Codes limiting the type and location of sanitary systems in slide-prone areas to reduce drainage in those areas.	3	5	3	2	4	4	4	2	27	LOW
Landslide 7	Implement grading and sloping techniques to increase slope stability.	4	4	4	3	3	4	3	2	27	LOW
Terrorism 1	Encourage critical infrastructure to implement protective measures and target hardening techniques at their facilities.	3	3	4	3	5	5	3	1	27	LOW

Terrorism 3	Provide guidance to schools, churches, government agencies, health care facilities, and other critical facilities regarding active assailant threats.	5	3	3	3	4	5	3	1	27	LOW
Cyber Incident 3	Increase the use of Multifactor Authentication (MFA), require users to provide multiple forms of identification before gaining access to an account or system.	3	4	3	3	5	5	3	3	26	LOW
Public Health 2	Increase opioid prevention and recovery resources (i.e., increase availability of Naloxone and other detox capabilities).	4	3	3	3	4	5	2	2	26	LOW
Landslide 6	Implement debris-flow measures (i.e., stabilization, energy dissipation, flow control measures) to reduce damage in slide-prone areas.	4	3	3	3	5	3	3	2	26	LOW
Flooding 6	Consider traditional flood mitigation projects such as acquisition and relocation, elevation, etc. of flood-prone properties.	3	4	3	2	3	4	4	2	25	LOW
Landslide 2	Enforce drainage control regulations to reduce landslide risk.	3	4	4	2	3	4	3	2	25	LOW
Drought 1	Encourage farmers to purchase crop and drought insurance.	2	3	4	2	5	5	3	1	25	LOW
CC-AH.4	Promote the installation of community safe rooms strategically placed throughout the county.	4	1	3	3	3	3	3	3	23	LOW
Flooding 1	Evaluate and improve existing stormwater management system (i.e., undersized storm sewers, lack of and undersized culverts).	5	2	3	3	3	3	4	2	23	LOW
Landslide 1	Enforce slide-prone area ordinance to limit fill or dumping.	2	3	3	2	3	5	3	2	23	LOW