

Appendix G: Public Meeting Two Documents

Guernsey County Hazard Mitigation Plan

Public Involvement Meeting #2

November 7, 2018

Sign-In Sheet

<u>Name</u>	<u>Title</u>	<u>Organization</u>	<u>Phone</u>	<u>E-mail</u>
Zedrick Clark	Mayor	Senecaville OHIO	740 584 2676	Zedrickc@Aol.com
Edward McMillen	Captain	The Salvation Army	740 432-7759	Edward.mcmillen@usa.salvationarmy.org
Brett Giesey	Council	Dunker City	740-995-0433	bgiesey@cebridge.net
Sgt. Scott Buxton		OSHP	740-459-1388	S.F.Buxton@DPS.ohio.gov
Amy Swigart	Deputy Auditor	Guernsey Co Auditor	740 439-6216	aswigart@guernseycounty.org
Jeff Brown	EMS Man	Federal Mogul	740-492-3210	Jeffrey.Brown@FederalMogul.com
Ed Wozzstiff	Council	Old Washington	740-489-9078	
Luan Nguyen	Mitigation Planner	OEMA	614-799-3531	LKNGuyen@dps.ohio.gov
Brennan Dudley	Village Administrator	Byesville	740-584-2817	bdudley@byesvilleoh.gov
Scott Wilson	Byesville Fire Chief	Byesville	740 584-4568	swilson@byesvilleoh.gov

Guernsey County Hazard Mitigation Plan

Public Involvement Meeting #2

November 7, 2018

Sign-In Sheet

<u>Name</u>	<u>Title</u>	<u>Organization</u>	<u>Phone</u>	<u>E-mail</u>
Terry Losego	Operations Manager	Airport	740-517-0458	Tlosego@gmail.com
Kevin Bueltner	Transportation Planner	OMEGA	740-439-4471	kevinb@omegadistrict.org
Stig Gardner	Guernsey County Com	City	740-432-9200	S Gardner@guernseycounty.org
Lore Thorton	Utilities Director	City of Cambridge	740-432-3601	Camb-ecs@cambridgech.org
Stephanie Ratzgraf	Senior Center Outreach Coordinator	NON-PROFIT	740-439-6681	Outreach@guernseysenior.org
Thomas Bunzl	meyer	Primer	740-241-9419	
Erik Gore	Facility Manager/retiree	U.S. Army Corps of Engineers	205-227-9131	Erik.D.Gore@usace.army.mil
Gerry Beckner	Director, EMA	Guernsey County	740-432-9292	gbeckner@guernseycounty.org
Sean Sumner	Transport Planner	OMEGA	740-439-4471	ssumner@omegadistrict.org

Amy Swigart

Guernsey County Mitigation Techniques: 2018

Name/Organization: Guernsey County Auditor / GIS										
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deferred, Ongoing(% complete)	Comments
Dam failure	6						Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	Repeats
Dam failure	6						Garner community support for the removal or repair of dams in disrepair.		New	Repeats
Dam failure	6						Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	Repeats
Dam failure	6	3	3	3	3	3	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam Failure	6	3	3	3	3	3	Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6	5	5	5	5	5	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Damaging Winds/Tornadoes	4 and 5	3	3	3	3	3	Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).		New	
Damaging Winds/Tornadoes	4 and 5	0	0	0	0	0	Promote or Require Site and Building Design Standards to Minimize Wind Damage		New	No Permit System or Zoning Bd to Regulate
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	5	Coordinate with the National Weather Service (NWS) to warn residents of impending severe winds and possible tornado conditions.		New	
Damaging Winds/Tornadoes	4 and 5	1	1	2	2	2	Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.		New	

Damaging Winds/Tornadoes	4 and 5	5	5	5	5	5	Provide/encourage NOAA weather radios for all critical facilities within the County		New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	5	Implementation of Outdoor Warning Sirens for Tornado and severe wind events			
Damaging Winds/Tornadoes	4 and 5	3	3	4	4	4	Upgrade the radio communications system throughout the County for all public safety services.		New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	5	Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters. This is noted as a high priority request by attendee(s).		New	
Damaging Winds/Tornadoes	4 and 5	1	1	1	1	1	Conduct outreach activities to increase awareness of tornado risk.		New	
Damaging Winds/Tornadoes	4 and 5	1	1	2	2	2	Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.		New	
Damaging Winds/Tornadoes	4 and 5	1	1	1	1	1	Developing and maintaining a database to track community vulnerability to severe wind.		New	
Drought	12	1	1	5	5	3	Develop Water Conservation Plan			
Drought	12	1	1	5	5	5	Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.		New	
Drought	12	1	1	4	4	4	Install Waterlines in rural areas where none exist			
Drought	12	3	3	3	3	3	Construct additional water storage facility for emergency crop management and fire suppression.		New	
Drought	12	1	1	1	1	1	Pursue Sole Source Aquifer Designation			
Drought	12	1	1	1	1	1	Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.		New	

Drought	12	1	1	4	4	4	Identify the value of crops and property in Guernsey County		New	
Earthquakes	15	1	1	1	1	1	Collect geologic information on seismic sources, soil conditions, and related potential hazards.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	2	2	2	2	2	Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1	1	1	1	1	Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9						Set up a program for more regular inspections of <u>endangered facilities</u> during extreme temperature events. ?		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1	1	1	1	1	Educate residents how to weather proof and protect their property.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	3	3	3	3	Establish cooling centers in centralized locations to serve the largest populations.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	3	3	3	3	Develop a brochure to distribute to local residents.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1	1	4	4	4	Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.		New	
Flooding	1	4	4	4	4	4	Acquisitions & demolition of flood-prone residents		Ongoing	
Flooding	1	1	1	5	5	5	Replace undersized culverts		Ongoing	

Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	5	5	5	5	5	Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	1	1	1	1	1	Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	0	0	0	0	0	Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.		New	No Permit Syst or Zoning Bd

No Permit Sys!
or Zoning Bd
to Regulate

Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	5	5	5	5	5	Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts that provide direct warnings to the public for natural, technological, and man-made hazards.		New	
Hazardous Materials (Sites and Transport)	2	2	5	5	2	2	Conduct a yearly drill to prepare for a disaster involving hazardous materials		New	
Hazardous Materials (Sites and Transport)	2	2	2	5	5	5	Schedule for periodic and random load checks of incoming biomass truckloads.		New	
Hazardous Materials (Sites and Transport)	2	0	0	0	0	0	Notify public in implementing any landfill reclamation.		New	Do we have landfills?
Hazardous Materials (Sites and Transport)	2	3	3	3	3	3	Work with villages and townships to create or improve development standards near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	1	1	5	4	4	Identify vulnerability zones for chemicals in accordance with the commodity flow study		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	New facilities to report what hazardous materials are being handled on-site		New	
Hazardous Materials (Sites and Transport)	2	0	0	0	0	0	Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).		New	Do we have landfills?
Hazardous Materials (Sites and Transport)	2	2	5	5	2	2	Conduct annual drills to prepare for hazards involving pipelines.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Create emergency protocol to stop hazardous spills near waterways as quickly as possible		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Report if additional hazardous materials are added or removed to the site		New	
Hazardous Materials (Sites and Transport)	2	0	0	0	0	0	Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.		New	Do we have landfills?

Hazardous Materials (Sites and Transport)	2	1	1	5	5	5	Ensure proper inspection & maintenance of pipelines.		New	
Hazardous Materials (Sites and Transport)	2	3	3	3	3	3	Identify transportation routes that traverse waterways		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Report what hazardous materials are being handled on-site and amounts according to regulation		New	
Hazardous Materials (Sites and Transport)	2	1	1	5	5	5	Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).		New	
Hazardous Materials (Sites and Transport)	2	1	1	1	1	1	Inform the public about digging near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	1	1	1	1	1	Create commodity flow study for chemical transport in Guernsey County		New	
Invasive Species	14	1	1	1	1	1	Develop a public education program concerning the hazards associated with invasive species.		New	
Invasive Species	14	1	1	1	1	1	Educate the public on dangers of West Nile Virus and proper precautions.		New	
Invasive Species	14	1	1	1	1	1	Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.		New	
Invasive Species	14	1	1	1	1	1	Disseminate information to the public that explains the importance not importing or exporting firewood.		New	
Landslides & Land Subsidence	13	1	1	1	1	1	Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.		New	
Landslides & Land Subsidence	13	1	1	1	1	1	Creating or increasing setback limits on parcels near high-risk areas.		New	

Landslides & Land Subsidence	13	4	4	4	4	4	Develop a public education program concerning the hazards associated with landslides and how to report landslides.		New	
Landslides & Land Subsidence	13	4	4	4	4	4	Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.		New	
Landslides & Land Subsidence	13	0	0	0	0	0	Defining Steep slope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.		New	
Landslides & Land Subsidence	13	4	4	4	4	4	Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.		New	
Landslides & Land Subsidence	13	4	4	4	4	4	Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).		New	
Lightning	11	1	1	3	3	3	Installing lightning protection devices and methods, such as lightning rods and grounding, on communications infrastructure and other critical facilities		New	
Lightning	11	1	1	1	1	1	Installing and maintaining surge protection on critical electronic equipment.		New	
Lightning	11	5	1	1	1	1	Developing a lightning safety brochure for distribution.		New	
Mine Subsidence	8	5	5	5	5	5	Coordinate with the ODNR's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.		New	
Mine Subsidence	8	5	5	5	5	5	Develop a public notification platform for people to report potential land subsidence or sinkhole development.		New	
Mine Subsidence	8	3	3	3	3	3	Permanently & physically close open mine shafts.		New	

Mine Subsidence	8	4	4	4	4	4	Consider creating a Guernsey County GIS map to identify subsidence hazard areas.		New	
Mine Subsidence	8	1	1	1	1	1	Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.		New	
Wildfires	7	3	3	3	3	3	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7	1	1	5	5	5	Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7	1	1	4	4	4	Clear excess brush away from potentially combustible properties and areas.		New	
Wildfires	7						Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7						Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7						Clear excess brush away from potentially combustible properties and areas.		New	

Amy Swigart

Guernsey County Mitigation Techniques: 2018

Name/Organizational:

Guernsey County Auditor/GIS

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/Deleted, Deferred, Ongoing(% complete)	Comments
Dam failure	6	2	2	5	5	5	Assess the vulnerability of all dams in Guernsey County (31)			
Dam failure	6	5	5	5	5	5	Coordinate with the Ohio Department of Natural Resources, Dam Safety Engineering Program to conduct periodic safety inspections of existing dams in Guernsey County.		New	
Dam failure	6	5	5	5	5	5	Coordinate with officials throughout the County to provide notification and warning of a failure of the Salt Fork Lake Dam.		New	
Flooding	1	5	5	5	5	5	Elevation of flood-prone residents		Ongoing	
Flooding	1	1	1	5	5	5	Retrofit of utilities for residents prone to basement flooding		? unknown	
Flooding	1	1	1	1	5	5	Elevate flood-prone roads		Unknown	

Unknown

Flooding	1						Dike Cambridge Sewer Treatment Plant			
Flooding	1						Dike Cambridge Water Treatment Plant			
Flooding	1						Relocation of Cambridge Sewer Collection and Transmission Infrastructure			
Flooding	1						Comprehensive Watershed Analysis and Implementation of Recommendations to Reduce the hazards associated with floods.			
Flooding	1						Remove debris from streams			
Flooding	1						Join the NFIP			
Wildfires	7						Establish an enforceable open burning ban to be implemented during droughts.		New	
Wildfires	7						Develop an education program for County residents on wildfire prevention.		New	
Wildfires	7						Provide chemical disposal station in County.		New	

Brennan Dudley Village of Byesville Guernsey County Mitigation Techniques: 2018										
Name/Organizational:										
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Dam failure	6	5	5	5	2	2	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam failure	6	5	5	5	1	2	Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6	4	3	5	1	2	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Dam failure	6						Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam Failure	6						Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6						Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Damaging Winds/Tornadoes	4 and 5	1	3	1	1	3	Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).		New	
Damaging Winds/Tornadoes	4 and 5	1	1	1	0	0	Promote or Require Site and Building Design Standards to Minimize Wind Damage		New	
Damaging Winds/Tornadoes	4 and 5	5	3	3	2	2	Coordinate with the National Weather Service (NWS) to warn residents of impending severe winds and possible tornado conditions.		New	
Damaging Winds/Tornadoes	4 and 5	1	1	5	5	4	Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.		New	

Damaging Winds/Tornadoes	4 and 5	1	0	0	0	0	Provide/encourage NOAA weather radios for all critical facilities within the County		New	
Damaging Winds/Tornadoes	4 and 5	3	4	5	5	5	Implementation of Outdoor Warning Sirens for Tornado and severe wind events		On going	
Damaging Winds/Tornadoes	4 and 5	Completed 2018					Upgrade the radio communications system throughout the County for all public safety services.		New	
Damaging Winds/Tornadoes	4 and 5	3	3	3	4	5	Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters. This is noted as a high priority request by attendee(s).		New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	1	3	Conduct outreach activities to increase awareness of tornado risk.		New	
Damaging Winds/Tornadoes	4 and 5	3	3	3	4	5	Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.		New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	1	5	Developing and maintaining a database to track community vulnerability to severe wind.		New	
Drought	12	4	4	5	1	3	Develop Water Conservation Plan			
Drought	12	2	2	2	3	4	Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.		New	
Drought	12	1 1	1	2	2	2	Install Waterlines in rural areas where none exist			
Drought	12	1	1	2	4	4	Construct additional water storage facility for emergency crop management and fire suppression.		New	
Drought	12	1	1	1	2	1	Pursue Sole Source Aquifer Designation		Deleted	
Drought	12	5	5	5	4	3	Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.		New	

Drought	12	5	2	5	1	1	Identify the value of crops and property in Guernsey County		New	
Earthquakes	15	3	2	3	1	1	Collect geologic information on seismic sources, soil conditions, and related potential hazards.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	3	3	2	3	Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	5	1	1	Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	4	4	2	2	Set up a program for more regular inspections of endangered facilities during extreme temperature events.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	5	1	2	Educate residents how to weather proof and protect their property.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1	1	1	1	1	Establish cooling centers in centralized locations to serve the largest populations.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	5	1	1	Develop a brochure to distribute to local residents.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	2	2	2	3	4	Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.		New	
Flooding	1	1	1	5	5	5	Acquisitions & demolition of flood-prone residents		on going	
Flooding	1	1	4	4	5	5	Replace undersized culverts		on going	

Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	5	4	5	2	3	Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	5	4	5	3	3	Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	1	1	1	1	1	Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.		New	

Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	1	1	1	1	1	Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts that provide direct warnings to the public for natural, technological, and man-made hazards.		New	
Hazardous Materials (Sites and Transport)	2	4	5	5	5	5	Conduct a yearly drill to prepare for a disaster involving hazardous materials		New	
Hazardous Materials (Sites and Transport)	2	2	2	4	2	4	Schedule for periodic and random load checks of incoming biomass truckloads.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	2	3	Notify public in implementing any landfill reclamation.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	3	3	Work with villages and townships to create or improve development standards near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	3	3	Identify vulnerability zones for chemicals in accordance with the commodity flow study		New	
Hazardous Materials (Sites and Transport)	2	4	5	5	2	1	New facilities to report what hazardous materials are being handled on-site		New	
Hazardous Materials (Sites and Transport)	2	Ø	Ø	Ø	Ø	Ø	Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).		New	
Hazardous Materials (Sites and Transport)	2	3	5	5	4	4	Conduct annual drills to prepare for hazards involving pipelines.		New	
Hazardous Materials (Sites and Transport)	2	3	5	5	5	5	Create emergency protocol to stop hazardous spills near waterways as quickly as possible		New	
Hazardous Materials (Sites and Transport)	2	4	4	3	2	2	Report if additional hazardous materials are added or removed to the site		New	
Hazardous Materials (Sites and Transport)	2	3	3	2	1	1	Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.		New	

Hazardous Materials (Sites and Transport)	2	2	4	4	4	4	Ensure proper inspection & maintenance of pipelines.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Identify transportation routes that traverse waterways		New	
Hazardous Materials (Sites and Transport)	2	0	0	0	0	0	Report what hazardous materials are being handled on-site and amounts according to regulation		New	
Hazardous Materials (Sites and Transport)	2	1	3	3	2	3	Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Inform the public about digging near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	2	2	4	3	3	Create commodity flow study for chemical transport in Guernsey County		New	
Invasive Species	14	5	5	5	1	1	Develop a public education program concerning the hazards associated with invasive species.		New	
Invasive Species	14	5	5	5	2	2	Educate the public on dangers of West Nile Virus and proper precautions.		New	
Invasive Species	14	5	5	5	2	2	Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.		New	
Invasive Species	14	5	5	5	2	2	Disseminate information to the public that explains the importance not importing or exporting firewood.		New	
Landslides & Land Subsidence	13	4	3	3	1	1	Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.		New	
Landslides & Land Subsidence	13	5	4	4	2	1	Creating or increasing setback limits on parcels near high-risk areas.		New	

Landslides & Land Subsidence	13	5	5	5	1	1	Develop a public education program concerning the hazards associated with landslides and how to report landslides.		New	
Landslides & Land Subsidence	13	4	4	5	1	1	Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.		New	
Landslides & Land Subsidence	13	3	2	5	2	1	Defining Steep slope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.		New	
Landslides & Land Subsidence	13	2	4	5	4	4	Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.		New	
Landslides & Land Subsidence	13	4	4	3	2	3	Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).		New	
Lightning	11	2	2	4	3	4	Installing lightning protection devices and methods, such as lightning rods and grounding, on communications infrastructure and other critical facilities		New	
Lightning	11	1	1	1	3	4	Installing and maintaining surge protection on critical electronic equipment.		New	
Lightning	11	5	5	5	2	4	Developing a lightning safety brochure for distribution.		New	
Mine Subsidence	8	5	5	5	5	5	Coordinate with the ODNR's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.		New	
Mine Subsidence	8	5	5	5	5	5	Develop a public notification platform for people to report potential land subsidence or sinkhole development.		New	
Mine Subsidence	8	3	2	4	4	4	Permanently & physically close open mine shafts.		New	

Mine Subsidence	8	4	4	5	5	5	Consider creating a Guernsey County GIS map to identify subsidence hazard areas.		New	
Mine Subsidence	8	2	2	2	3	3	Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.		New	
Wildfires	7	4	4	5	2	2	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7	3	2	5	4	4	Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7	2	2	4	4	4	Clear excess brush away from potentially combustible properties and areas.		New	
Wildfires	7						Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7						Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7						Clear excess brush away from potentially combustible properties and areas.		New	

Brennan Dudley Village of Byrsville

Guernsey County Mitigation Techniques: 2018

Name/Organizaton:										
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/Deleted, Deffered, Ongoing(% complete)	Comments
Dam failure	6	4	4	5	2	3	Assess the vulnerability of all dams in Guernsey County (31)			
Dam failure	6	4	4	5	3	4	Coordinate with the Ohio Department of Natural Resources, Dam Safety Engineering Program to conduct periodic safety inspections of existing dams in Guernsey County.		New	
Dam failure	6	5	5	5	4	4	Coordinate with officials throughout the County to provide notification and warning of a failure of the Salt Fork Lake Dam.		New	
Flooding	1	1	1	4	3	4	Elevation of flood-prone residents			
Flooding	1	1	1	4	2	3	Retrofit of utilities for residents prone to basement flooding			
Flooding	1	1	1	3	4	4	Elevate flood-prone roads			

Flooding	1	2	2	4	2	2	Dike Cambridge Sewer Treatment Plant		Deferred	
Flooding	1	1	1	2	2	3	Dike Cambridge Water Treatment Plant		Deferred	
Flooding	1	Ø	Ø	Ø	Ø	Ø	Relocation of Cambridge Sewer Collection and Transmission Infrastructure		Deferred	
Flooding	1	3	4	4	4	4	Comprehensive Watershed Analysis and Implementation of Recommendations to Reduce the hazards associated with floods.		on going	
Flooding	1	3	3	5	4	4	Remove debris from streams		on going	
Flooding	1	2	2	4	1	1	Join the NFIP		Deferred	
Wildfires	7	5	5	5	3	3	Establish an enforceable open burning ban to be implemented during droughts.		New	
Wildfires	7	5	5	5	2	2	Develop an education program for County residents on wildfire prevention.		New	
Wildfires	7	2	2	4	3	3	Provide chemical disposal station in County.		New	

Guernsey County Mitigation Techniques: 2018

Name/Organization: *Brett Giese, Quaker City Village Council*

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deferred, Ongoing(% complete)	Comments
Dam failure	6	5	5	5	3	4	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam failure	6	5	5	3	3	4	Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6	5	5	5	3	4	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Dam failure	6						Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam failure	6						Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6						Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Damaging Winds/Tornadoes	4 and 5	5	5	3	3	4	Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).		New	
Damaging Winds/Tornadoes	4 and 5	4	4	4	4	4	Promote or Require Site and Building Design Standards to Minimize Wind Damage		New	
Damaging Winds/Tornadoes	4 and 5	4	4	4	4	4	Coordinate with the National Weather Service (NWS) to warn residents of impending severe winds and possible tornado conditions.		New	
Damaging Winds/Tornadoes	4 and 5	2	3	3	3	3	Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.		New	

Damaging Winds/Tornadoes	4 and 5	4	4	5	4	4	Provide/encourage NOAA weather radios for all critical facilities within the County		New	
Damaging Winds/Tornadoes	4 and 5	3	3	3	3	3	Implementation of Outdoor Warning Sirens for Tornado and severe wind events			
Damaging Winds/Tornadoes	4 and 5	3	4	5	4	4	Upgrade the radio communications system throughout the County for all public safety services.		New	
Damaging Winds/Tornadoes	4 and 5	3	4	5	4	4	Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters. This is noted as a high priority request by attendee(s).		New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	4	4	Conduct outreach activities to increase awareness of tornado risk.		New	
Damaging Winds/Tornadoes	4 and 5	2	4	4	4	4	Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.		New	
Damaging Winds/Tornadoes	4 and 5	1	3	4	2	2	Developing and maintaining a database to track community vulnerability to severe wind.		New	
Drought	12	5	4	4	4	3	Develop Water Conservation Plan			
Drought	12	2	3	3	3	3	Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.		New	
Drought	12	2	3	3	3	3	Install Waterlines in rural areas where none exist			
Drought	12	2	3	3	3	3	Construct additional water storage facility for emergency crop management and fire suppression.		New	
Drought	12					2	Pursue Sole Source Aquifer Designation			
Drought	12	4	4	5	3	1	Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.		New	

Drought	12	2	2	4	2	1	Identify the value of crops and property in Guernsey County		New	
Earthquakes	15	2	2	2	2	1	Collect geologic information on seismic sources, soil conditions, and related potential hazards.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	3	4	3	4	Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	4	4	3	3	Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	3	4	4	4	Set up a program for more regular inspections of endangered facilities during extreme temperature events.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	4	4	3	4	Educate residents how to weather proof and protect their property.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	3	4	3	3	Establish cooling centers in centralized locations to serve the largest populations.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	4	4	4	4	Develop a brochure to distribute to local residents.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	4	4	3	4	Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.		New	
Flooding	1	2	2	3	2	2	Acquisitions & demolition of flood-prone residents			
Flooding	1	3	3	3	2	3	Replace undersized culverts			

Flooding	1	3	3	2	2	2	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	4	3	3	2	3	Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	4	3	3	2	3	Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	2	2	2	2	Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.		New	

Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	4	4	3	3	4	Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts that provide direct warnings to the public for natural, technological, and man-made hazards.		New	
Hazardous Materials (Sites and Transport)	2	4	4	4	4	4	Conduct a yearly drill to prepare for a disaster involving hazardous materials		New	
Hazardous Materials (Sites and Transport)	2	4	4	3	4	4	Schedule for periodic and random load checks of incoming biomass truckloads.		New	
Hazardous Materials (Sites and Transport)	2	5	4	4	3	5	Notify public in implementing any landfill reclamation.		New	
Hazardous Materials (Sites and Transport)	2	4	3	3	2	3	Work with villages and townships to create or improve development standards near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	4	3	4	3	4	Identify vulnerability zones for chemicals in accordance with the commodity flow study		New	
Hazardous Materials (Sites and Transport)	2	5	4	4	3	5	New facilities to report what hazardous materials are being handled on-site		New	
Hazardous Materials (Sites and Transport)	2	3	4	3	3	3	Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).		New	
Hazardous Materials (Sites and Transport)	2	3	3	3	3	3	Conduct annual drills to prepare for hazards involving pipelines.		New	
Hazardous Materials (Sites and Transport)	2	5	4	4	3	4	Create emergency protocol to stop hazardous spills near waterways as quickly as possible		New	
Hazardous Materials (Sites and Transport)	2	5	4	4	4	5	Report if additional hazardous materials are added or removed to the site		New	
Hazardous Materials (Sites and Transport)	2	3	3	4	4	4	Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.		New	

Hazardous Materials (Sites and Transport)	2	5	4	4	3	4	Ensure proper inspection & maintenance of pipelines.		New	
Hazardous Materials (Sites and Transport)	2	5	4	3	3	4	Identify transportation routes that traverse waterways		New	
Hazardous Materials (Sites and Transport)	2	5	4	4	3	5	Report what hazardous materials are being handled on-site and amounts according to regulation		New	
Hazardous Materials (Sites and Transport)	2	4	4	5	4	5	Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).		New	
Hazardous Materials (Sites and Transport)	2	4	5	5	4	5	Inform the public about digging near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	3	3	3	3	3	Create commodity flow study for chemical transport in Guernsey County		New	
Invasive Species	14	4	5	3	3	3	Develop a public education program concerning the hazards associated with invasive species.		New	
Invasive Species	14	4	5	4	3	4	Educate the public on dangers of West Nile Virus and proper precautions.		New	
Invasive Species	14	4	5	4	3	4	Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.		New	
Invasive Species	14	4	4	4	3	4	Disseminate information to the public that explains the importance not importing or exporting firewood.		New	
Landslides & Land Subsidence	13	3	3	3	3	3	Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.		New	
Landslides & Land Subsidence	13	3	3	3	3	3	Creating or increasing setback limits on parcels near high-risk areas.		New	

Landslides & Land Subsidence	13	3	3	3	2	3	Develop a public education program concerning the hazards associated with landslides and how to report landslides.		New	
Landslides & Land Subsidence	13	3	3	3	3	3	Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.		New	
Landslides & Land Subsidence	13	3	3	2	2	2	Defining Steep slope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.		New	
Landslides & Land Subsidence	13	3	3	3	2	3	Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.		New	
Landslides & Land Subsidence	13	4	3	3	2	3	Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).		New	
Lightning	11	4	3	4	3	4	Installing lightning protection devices and methods, such as lightning rods and grounding, on communications infrastructure and other critical facilities		New	
Lightning	11	4	4	4	4	4	Installing and maintaining surge protection on critical electronic equipment.		New	
Lightning	11	3	4	3	2	3	Developing a lightning safety brochure for distribution.		New	
Mine Subsidence	8	3	3	3	3	3	Coordinate with the ODNR's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.		New	
Mine Subsidence	8	4	4	4	4	4	Develop a public notification platform for people to report potential land subsidence or sinkhole development.		New	
Mine Subsidence	8	3	4	4	4	4	Permanently & physically close open mine shafts.		New	

Mine Subsidence	8	4	4	4	4	4	Consider creating a Guernsey County GIS map to identify subsidence hazard areas.		New	
Mine Subsidence	8	4	3	3	3	3	Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.		New	
Wildfires	7	4	4	4	4	4	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7	4	4	4	4	4	Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7	3	3	4	3	4	Clear excess brush away from potentially combustible properties and areas.		New	
Wildfires	7	4	4	4	4	4	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7	4	4	4	4	4	Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7						Clear excess brush away from potentially combustible properties and areas.		New	

Guernsey County Mitigation Techniques: 2018

Name/Organization: *BRETT GIESSEY QUAKER CITY COUNCIL*

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/Deleted, Deferred, Ongoing(% complete)	Comments
Dam failure	6	3	3	3	3	3	Assess the vulnerability of all dams in Guernsey County (31)			
Dam failure	6	4	3	4	3	4	Coordinate with the Ohio Department of Natural Resources, Dam Safety Engineering Program to conduct periodic safety inspections of existing dams in Guernsey County.		New	
Dam failure	6	4	4	4	3	3	Coordinate with officials throughout the County to provide notification and warning of a failure of the Salt Fork Lake Dam.		New	
Flooding	1	2	2	2	1	1	Elevation of flood-prone residents			
Flooding	1	2	3	4	2	2	Retrofit of utilities for residents prone to basement flooding			
Flooding	1	1	2	2	3	2	Elevate flood-prone roads			

Flooding	1	2	2	3	1	1	Dike Cambridge Sewer Treatment Plant			
Flooding	1	3	4	3	2	2	Dike Cambridge Water Treatment Plant			
Flooding	1	2	2	3	2	1	Relocation of Cambridge Sewer Collection and Transmission Infrastructure			
Flooding	1	4	4	3	3	4	Comprehensive Watershed Analysis and Implementation of Recommendations to Reduce the hazards associated with floods.			
Flooding	1	3	4	3	3	4	Remove debris from streams			
Flooding	1	3	3	3	3	3	Join the NFIP			
Wildfires	7	4	3	4	4	4	Establish an enforceable open burning ban to be implemented during droughts.		New	
Wildfires	7	4	4	4	4	4	Develop an education program for County residents on wildfire prevention.		New	
Wildfires	7	3	4	2	3	2	Provide chemical disposal station in County.		New	

(did as 1=Best
5=Worst)

Ed Wagstaff Village of Old Washington										
Guernsey County Mitigation Techniques: 2018										
Name/Organization:										
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immendiate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Dam failure	6	3	3	3	3	3	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam failure	6	4	4	4	4	4	Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6	4	4	4	4	4	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Dam failure	6	5	5	5	5	5	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam Failure	6	5	5	5	5	5	Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6	5	4	5	5	5	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Damaging Winds/Tornadoes	4 and 5	4	5	4	5	5	Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).		New	
Damaging Winds/Tornadoes	4 and 5	3	5	5	4	5	Promote or Require Site and Building Design Standards to Minimize Wind Damage		New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	5	Coordinate with the National Weather Service (NWS) to warn residents of impending severe winds and possible tornado conditions.		New	
Damaging Winds/Tornadoes	4 and 5	5	4	4	4	4	Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.		New	

Damaging Winds/Tornadoes	4 and 5	4	4	4	4	4	Provide/encourage NOAA weather radios for all critical facilities within the County		New	
Damaging Winds/Tornadoes	4 and 5	4	4	4	4	4	Implementation of Outdoor Warning Sirens for Tornado and severe wind events			
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	5	Upgrade the radio communications system throughout the County for all public safety services.		New	
Damaging Winds/Tornadoes	4 and 5	2	2	2	2	2	Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters. This is noted as a high priority request by attendee(s).		New	
Damaging Winds/Tornadoes	4 and 5	4	4	4	4	4	Conduct outreach activities to increase awareness of tornado risk.		New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	5	Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.		New	
Damaging Winds/Tornadoes	4 and 5	4	4	4	4	4	Developing and maintaining a database to track community vulnerability to severe wind.		New	
Drought	12	5	5	5	5	5	Develop Water Conservation Plan			
Drought	12	5	5	5	5	5	Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.		New	
Drought	12	1	1	1	1	1	Install Waterlines in rural areas where none exist			
Drought	12	5	5	5	5	5	Construct additional water storage facility for emergency crop management and fire suppression.		New	
Drought	12	8	8	8	8	8	Pursue Sole Source Aquifer Designation			
Drought	12	10	10	10	10	10	Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.		New	

Drought	12	10	10	10	10	10	Identify the value of crops and property in Guernsey County		New	
Earthquakes	15	10	10	10	10	10	Collect geologic information on seismic sources, soil conditions, and related potential hazards.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	9	9	8	8	8	Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	5	5	5	Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	9	9	9	9	9	Set up a program for more regular inspections of endangered facilities during extreme temperature events.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	9	9	9	9	9	Educate residents how to weather proof and protect their property.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	8	8	8	8	8	Establish cooling centers in centralized locations to serve the largest populations.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	9	9	9	9	9	Develop a brochure to distribute to local residents.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	9	9	9	9	9	Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.		New	
Flooding	1	2	2	2	2	2	Acquisitions & demolition of flood-prone residents			
Flooding	1	1	1	1	1	1	Replace undersized culverts			

Flooding	1	1	1	1	1	1	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1	1	1	1	1	1	Acquisitions & demolition of flood-prone residents			
Flooding	1	1	1	1	1	1	Replace undersized culverts			
Flooding	1	1	1	1	1	1	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1	2	2	2	2	2	Acquisitions & demolition of flood-prone residents			
Flooding	1	1	1	1	1	1	Replace undersized culverts			
Flooding	1	1	1	1	1	1	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1	2	2	2	2	2	Acquisitions & demolition of flood-prone residents			
Flooding	1	1	1	1	1	1	Replace undersized culverts			
Flooding	1	1	1	1	1	1	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	2	2	2	2	2	Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	2	2	2	2	2	Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	2	2	2	2	2	Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.		New	

Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	3	2	2	2	Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts that provide direct warnings to the public for natural, technological, and man-made hazards.		New	
Hazardous Materials (Sites and Transport)	2	1	1	1	1	1	Conduct a yearly drill to prepare for a disaster involving hazardous materials		New	
Hazardous Materials (Sites and Transport)	2	1	1	1	1	1	Schedule for periodic and random load checks of incoming biomass truckloads.		New	
Hazardous Materials (Sites and Transport)	2	1	1	1	1	1	Notify public in implementing any landfill reclamation.		New	
Hazardous Materials (Sites and Transport)	2	1	1	1	1	1	Work with villages and townships to create or improve development standards near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	1	1	1	1	1	Identify vulnerability zones for chemicals in accordance with the commodity flow study		New	
Hazardous Materials (Sites and Transport)	2	1	1	1	1	1	New facilities to report what hazardous materials are being handled on-site		New	
Hazardous Materials (Sites and Transport)	2	2	1	1	1	1	Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).		New	
Hazardous Materials (Sites and Transport)	2	2	2	2	2	2	Conduct annual drills to prepare for hazards involving pipelines.		New	
Hazardous Materials (Sites and Transport)	2	1	1	1	1	1	Create emergency protocol to stop hazardous spills near waterways as quickly as possible		New	
Hazardous Materials (Sites and Transport)	2	1	1	1	1	1	Report if additional hazardous materials are added or removed to the site		New	
Hazardous Materials (Sites and Transport)	2	1	1	1	1	1	Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.		New	

Hazardous Materials (Sites and Transport)	2	1	1	1	1	1	Ensure proper inspection & maintenance of pipelines.		New	
Hazardous Materials (Sites and Transport)	2	1	1	1	1	1	Identify transportation routes that traverse waterways		New	
Hazardous Materials (Sites and Transport)	2	1	1	1	1	1	Report what hazardous materials are being handled on-site and amounts according to regulation		New	
Hazardous Materials (Sites and Transport)	2	1	1	1	1	1	Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).		New	
Hazardous Materials (Sites and Transport)	2	1	1	1	1	1	Inform the public about digging near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	1	1	1	1	1	Create commodity flow study for chemical transport in Guernsey County		New	
Invasive Species	14	6	6	6	6	6	Develop a public education program concerning the hazards associated with invasive species.		New	
Invasive Species	14	5	5	5	5	5	Educate the public on dangers of West Nile Virus and proper precautions.		New	
Invasive Species	14	5	5	5	5	5	Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.		New	
Invasive Species	14	1	1	1	1	1	Disseminate information to the public that explains the importance not importing or exporting firewood.		New	
Landslides & Land Subsidence	13	5	5	5	5	5	Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.		New	
Landslides & Land Subsidence	13	5	5	5	5	5	Creating or increasing setback limits on parcels near high-risk areas.		New	

Landslides & Land Subsidence	13	10	10	10	10	10	Develop a public education program concerning the hazards associated with landslides and how to report landslides.		New	
Landslides & Land Subsidence	13	2	2	2	2	2	Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.		New	
Landslides & Land Subsidence	13	2	2	2	2	2	Defining Steep slope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.		New	
Landslides & Land Subsidence	13	3	3	2	2	2	Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.		New	
Landslides & Land Subsidence	13	5	5	5	5	5	Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).		New	
Lightning	11	5	5	5	5	5	Installing lightning protection devices and methods, such as lightning rods and grounding, on communications infrastructure and other critical facilities		New	
Lightning	11	3	3	3	3	3	Installing and maintaining surge protection on critical electronic equipment.		New	
Lightning	11	10	10	10	10	10	Developing a lightning safety brochure for distribution.		New	
Mine Subsidence	8	5	5	5	5	5	Coordinate with the ODNR's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.		New	
Mine Subsidence	8	5	5	5	5	5	Develop a public notification platform for people to report potential land subsidence or sinkhole development.		New	
Mine Subsidence	8	2	2	2	2	2	Permanently & physically close open mine shafts.		New	

Mine Subsidence	8	2	2	2	2	2	Consider creating a Guernsey County GIS map to identify subsidence hazard areas.		New	
Mine Subsidence	8	5	5	5	5	5	Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.		New	
Wildfires	7	5	5	5	5	5	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7	2	2	2	2	2	Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7	5	5	5	5	5	Clear excess brush away from potentially combustible properties and areas.		New	
Wildfires	7	5	5	5	5	5	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7	5	5	5	5	5	Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7	4	4	4	4	4	Clear excess brush away from potentially combustible properties and areas.		New	

Ed Wertzoff Village of Old Washington Guernsey County Mitigation Techniques: 2018 Name/Organization:										
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/Deleted, Deferred, Ongoing(% complete)	Comments
Dam failure	6	5	5	5	5	5	Assess the vulnerability of all dams in Guernsey County (31)			
Dam failure	6	2	2	2	2	2	Coordinate with the Ohio Department of Natural Resources, Dam Safety Engineering Program to conduct periodic safety inspections of existing dams in Guernsey County.		New	
Dam failure	6	1	1	1	1	1	Coordinate with officials throughout the County to provide notification and warning of a failure of the Salt Fork Lake Dam.		New	
Flooding	1	1	1	1	1	1	Elevation of flood-prone residents			
Flooding	1	2	2	2	2	2	Retrofit of utilities for residents prone to basement flooding			
Flooding	1	1	1	1	1	1	Elevate flood-prone roads			Ongoing 50%

Flooding	1	1	1	1	1	1	Dike Cambridge Sewer Treatment Plant			
Flooding	1	1	1	1	1	1	Dike Cambridge Water Treatment Plant			
Flooding	1	2	2	2	2	2	Relocation of Cambridge Sewer Collection and Transmission Infrastructure			
Flooding	1	1	1	1	1	1	Comprehensive Watershed Analysis and Implementation of Recommendations to Reduce the hazards associated with floods.			
Flooding	1	2	2	2	2	2	Remove debris from streams			
Flooding	1	2	2	2	2	2	Join the NFIP			
Wildfires	7	1	1	1	1	1	Establish an enforceable open burning ban to be implemented during droughts.		New	
Wildfires	7	6	6	6	6	6	Develop an education program for County residents on wildfire prevention.		New	
Wildfires	7	1	1	1	1	1	Provide chemical disposal station in County.		New	

Guernsey County Mitigation Techniques: 2018

Name/Organization: *Edwards Memorial The Salvation Army*

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Dam failure	6	3	2	5	2	4	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam failure	6	5	5	5	5	5	Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6	3	5	5	3	5	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Dam failure	6						Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam Failure	6						Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6						Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Damaging Winds/Tornadoes	4 and 5	1	1	5	4	5	Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).		New	
Damaging Winds/Tornadoes	4 and 5	1	2	2	1	1	Promote or Require Site and Building Design Standards to Minimize Wind Damage		New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	5	Coordinate with the National Weather Service (NWS) to warn residents of impending severe winds and possible tornado conditions.		New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	5	Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.		New	<i>make sure transportation is available</i>

Damaging Winds/Tornadoes	4 and 5	3	2	1	3	5	Provide/encourage NOAA weather radios for all critical facilities within the County		New	
Damaging Winds/Tornadoes	4 and 5	2	3	3	5	5	Implementation of Outdoor Warning Sirens for Tornado and severe wind events			
Damaging Winds/Tornadoes	4 and 5	3	5	1	5	5	Upgrade the radio communications system throughout the County for all public safety services.		New	
Damaging Winds/Tornadoes	4 and 5	DS	3	2	5	5	Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters. This is noted as a high priority request by attendee(s).		New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	5	Conduct outreach activities to increase awareness of tornado risk.		New	
Damaging Winds/Tornadoes	4 and 5	2	3	4	5	5	Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.		New	
Damaging Winds/Tornadoes	4 and 5	0	0	0	0	0	Developing and maintaining a database to track community vulnerability to severe wind.		New	
Drought	12	0	0	0	0	0	Develop Water Conservation Plan			
Drought	12	5	1	5	1	1	Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.		New	
Drought	12	0	0	0	0	0	Install Waterlines in rural areas where none exist			
Drought	12	0	0	0	0	0	Construct additional water storage facility for emergency crop management and fire suppression.		New	
Drought	12						Pursue Sole Source Aquifer Designation			???
Drought	12	0	0	0	0	0	Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.		New	

Drought	12	0	0	0	0	0	Identify the value of crops and property in Guernsey County		New	
Earthquakes	15	0	0	0	0	0	Collect geologic information on seismic sources, soil conditions, and related potential hazards.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	0	5	5	Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	3	0	3	2	Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1	1	1	2	2	Set up a program for more regular inspections of endangered facilities during extreme temperature events.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1	1	1	1	1	Educate residents how to weather proof and protect their property.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	5	5	5	Establish cooling centers in centralized locations to serve the largest populations.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1	5	5	1	2	Develop a brochure to distribute to local residents.		New	what would you put in brochure
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1	1	1	5	1	Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.		New	Electric Heaters could be dangerous
Flooding	1	1	2	5	4	3	Acquisitions & demolition of flood-prone residents			
Flooding	1	1	2	5	4	3	Replace undersized culverts			

Flooding	1	1	3	3	?	?	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.		
Flooding	1						Acquisitions & demolition of flood-prone residents		
Flooding	1						Replace undersized culverts		
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.		
Flooding	1						Acquisitions & demolition of flood-prone residents		
Flooding	1						Replace undersized culverts		
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.		
Flooding	1						Acquisitions & demolition of flood-prone residents		
Flooding	1						Replace undersized culverts		
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.		
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	5	5	5	5	5	Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.	New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	5	5	5	5	5	Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.	New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	2	2	5	2	4	Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.	New	

Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	2	5	3	4	Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts that provide direct warnings to the public for natural, technological, and man-made hazards.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Conduct a yearly drill to prepare for a disaster involving hazardous materials		New	
Hazardous Materials (Sites and Transport)	2	3	2	5	2	5	Schedule for periodic and random load checks of incoming biomass truckloads.		New	
Hazardous Materials (Sites and Transport)	2	0	0	0	0	0	Notify public in implementing any landfill reclamation.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Work with villages and townships to create or improve development standards near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Identify vulnerability zones for chemicals in accordance with the commodity flow study		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	New facilities to report what hazardous materials are being handled on-site		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Conduct annual drills to prepare for hazards involving pipelines.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Create emergency protocol to stop hazardous spills near waterways as quickly as possible		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Report if additional hazardous materials are added or removed to the site		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.		New	

Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Ensure proper inspection & maintenance of pipelines.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Identify transportation routes that traverse waterways		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Report what hazardous materials are being handled on-site and amounts according to regulation		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Inform the public about digging near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	2	5	5	2	4	Create commodity flow study for chemical transport in Guernsey County		New	
Invasive Species	14	1	2	5	1	2	Develop a public education program concerning the hazards associated with invasive species.		New	
Invasive Species	14	2	1	4	1	2	Educate the public on dangers of West Nile Virus and proper precautions.		New	
Invasive Species	14	0	0	0	0	0	Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.		New	
Invasive Species	14	1	1	1	1	1	Disseminate information to the public that explains the importance not importing or exporting firewood.		New	
Landslides & Land Subsidence	13	2	3	5	3	5	Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.		New	
Landslides & Land Subsidence	13	0	0	0	0	0	Creating or increasing setback limits on parcels near high-risk areas.		New	

Landslides & Land Subsidence	13	1	1	5	1	4	Develop a public education program concerning the hazards associated with landslides and how to report landslides.		New	
Landslides & Land Subsidence	13	1	1	1	1	1	Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.		New	
Landslides & Land Subsidence	13	0	0	0	0	0	Defining Steep slope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.		New	
Landslides & Land Subsidence	13	0	0	0	0	0	Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.		New	
Landslides & Land Subsidence	13	0	0	0	0	0	Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).		New	
Lightning	11	1	1	5	3	5	Installing lightning protection devices and methods, such as lightning rods and grounding, on communications infrastructure and other critical facilities		New	
Lightning	11	2	3	5	2	5	Installing and maintaining surge protection on critical electronic equipment.		New	
Lightning	11	1	0	0	0	5	Developing a lightning safety brochure for distribution.		New	
Mine Subsidence	8	5	4	2	1	2	Coordinate with the ODNR's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.		New	
Mine Subsidence	8	0	0	0	0	0	Develop a public notification platform for people to report potential land subsidence or sinkhole development.		New	
Mine Subsidence	8	1	2	5	1	5	Permanently & physically close open mine shafts.		New	

Mine Subsidence	8	0	0	0	0	0	Consider creating a Guernsey County GIS map to identify subsidence hazard areas.		New	
Mine Subsidence	8	0	0	0	0	0	Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.		New	
Wildfires	7	3	4	5	2	4	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7	5	3	5	3	3	Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7	2	2	5	5	4	Clear excess brush away from potentially combustible properties and areas.		New	
Wildfires	7						Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7						Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7						Clear excess brush away from potentially combustible properties and areas.		New	

Guernsey County Mitigation Techniques: 2018

Name/Organization: *Edenville Ho-Salvation Army*

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/Deleted, Deferred, Ongoing(% complete)	Comments
Dam failure	6	2	2	5	2	4	Assess the vulnerability of all dams in Guernsey County (31)			
Dam failure	6	4	3	5	3	5	Coordinate with the Ohio Department of Natural Resources, Dam Safety Engineering Program to conduct periodic safety inspections of existing dams in Guernsey County.		New	
Dam failure	6	4	5	5	3	5	Coordinate with officials throughout the County to provide notification and warning of a failure of the Salt Fork Lake Dam.		New	
Flooding	1	1	1	5	1	5	Elevation of flood-prone residents			
Flooding	1	1	1	5	3	5	Retrofit of utilities for residents prone to basement flooding			
Flooding	1	0	0	0	0	0	Elevate flood-prone roads			

Flooding	1	1	1	4	2	3	Dike Cambridge Sewer Treatment Plant			
Flooding	1						Dike Cambridge Water Treatment Plant			
Flooding	1	0	0	0	0	0	Relocation of Cambridge Sewer Collection and Transmission Infrastructure			
Flooding	1	0	0	0	0	0	Comprehensive Watershed Analysis and Implementation of Recommendations to Reduce the hazards associated with floods.			
Flooding	1	3	3	5	4	5	Remove debris from streams			
Flooding	1	0	0	0	0	0	Join the NFIP			
Wildfires	7	5	1	5	2	3	Establish an enforceable open burning ban to be implemented during droughts.		New	
Wildfires	7	0	0	0	0	0	Develop an education program for County residents on wildfire prevention.		New	
Wildfires	7	2	1	5	3	4	Provide chemical disposal station in County.		New	

Guernsey County Mitigation Techniques: 2018

Name/Organization: Erik Gore U.S. Army Corps of Engineers										
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deferred, Ongoing(% complete)	Comments
Dam failure	6	3	5	3	5	5	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam failure	6	2	1	5	2	3	Garner community support for the removal or repair of dams in disrepair.	3	New	
Dam failure	6	2	3	5	5	5	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.	1	New	Technical services would be costly
Dam failure	6						Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam Failure	6						Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6						Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Damaging Winds/Tornadoes	4 and 5	3	5	2	1	3	Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).		New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	2	3	Promote or Require Site and Building Design Standards to Minimize Wind Damage		New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	1	2	Coordinate with the National Weather Service (NWS) to warn residents of impending severe winds and possible tornado conditions.		New	
Damaging Winds/Tornadoes	4 and 5	2	3	3		1	Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.		New	

Cost Technical Envir. Technical Immediate Need

Damaging Winds/Tornadoes	4 and 5	4	4	3	5	0	Provide/encourage NOAA weather radios for all critical facilities within the County		New	
Damaging Winds/Tornadoes	4 and 5	0	0	0	0	0	Implementation of Outdoor Warning Sirens for Tornado and severe wind events		deleted	
Damaging Winds/Tornadoes	4 and 5	3	5	3	3	4	Upgrade the radio communications system throughout the County for all public safety services.		New	
Damaging Winds/Tornadoes	4 and 5	1	1	4	1	0	Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters. This is noted as a high priority request by attendee(s).		New	
Damaging Winds/Tornadoes	4 and 5	0 1	1	1	1	1	Conduct outreach activities to increase awareness of tornado risk.		New	
Damaging Winds/Tornadoes	4 and 5	5	2	1	3	1	Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.		New	
Damaging Winds/Tornadoes	4 and 5	5	5	3	5	0	Developing and maintaining a database to track community vulnerability to severe wind.		New	
Drought	12	0 1	2	5	3	3	Develop Water Conservation Plan			
Drought	12	3	3	3	3	5	Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.		New	
Drought	12	5	5	5	5	0	Install Waterlines in rural areas where none exist			
Drought	12	5	3	3	5	0	Construct additional water storage facility for emergency crop management and fire suppression.		New	
Drought	12	3	3	3	3	1	Pursue Sole Source Aquifer Designation			
Drought	12	2	1	1	1	1	Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.		New	

Link Gore

Drought	12	1	1	1	1	1	Identify the value of crops and property in Guernsey County		New	
Earthquakes	15	1	1	1	1	1	Collect geologic information on seismic sources, soil conditions, and related potential hazards.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	3	2	1	3	Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1	2	3	1	1	Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	2	1	1	1	Set up a program for more regular inspections of endangered facilities during extreme temperature events.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	4	5	2	1	Educate residents how to weather proof and protect their property.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	1	1	2	0	Establish cooling centers in centralized locations to serve the largest populations.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	2	3	3	0	0	Develop a brochure to distribute to local residents.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1	3	2	3	4	Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.		New	
Flooding	1	1	3	3	3	3	Acquisitions & demolition of flood-prone residents			
Flooding	1	1	2	4	3	4	Replace undersized culverts			

Flooding

Educate the public about the existence of flowage & flooding easements. The public often builds structures in flood prone areas ↓

Flowage easements exist for the protection of downstream property, it is the "right" to flood

Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts		un changed	
Flooding	1	1	1	1	1	1	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	2	2	2	4	Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	4	2	3	3	Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	1	2	2	1	0	Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.		New	

Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	3	4	3	1	Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts that provide direct warnings to the public for natural, technological, and man-made hazards.		New	
Hazardous Materials (Sites and Transport)	2	2	3	3	5	5	Conduct a yearly drill to prepare for a disaster involving hazardous materials		New	
Hazardous Materials (Sites and Transport)	2	5	3	5	3	1	Schedule for periodic and random load checks of incoming biomass truckloads.		New	
Hazardous Materials (Sites and Transport)	2	5	3	5	3	2	Notify public in implementing any landfill reclamation.		New	
Hazardous Materials (Sites and Transport)	2	1	2	3	2	2	Work with villages and townships to create or improve development standards near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	1	2	3	3	2	Identify vulnerability zones for chemicals in accordance with the commodity flow study		New	
Hazardous Materials (Sites and Transport)	2	5	4	2	3	3	New facilities to report what hazardous materials are being handled on-site		New	
Hazardous Materials (Sites and Transport)	2	4	4	5	3	5	Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).		New	
Hazardous Materials (Sites and Transport)	2	1	2	3	4	5	Conduct annual drills to prepare for hazards involving pipelines.		New	
Hazardous Materials (Sites and Transport)	2	1	2	3	3	5	Create emergency protocol to stop hazardous spills near waterways as quickly as possible		New	
Hazardous Materials (Sites and Transport)	2	5	3	3	2	1	Report if additional hazardous materials are added or removed to the site		New	
Hazardous Materials (Sites and Transport)	2	4	5	4	3	3	Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.		New	

Hazardous Materials (Sites and Transport)	2	2	2	3	2	2	Ensure proper inspection & maintenance of pipelines.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Identify transportation routes that traverse waterways		New	
Hazardous Materials (Sites and Transport)	2	2	3	5	2 1	3	Report what hazardous materials are being handled on-site and amounts according to regulation		New	
Hazardous Materials (Sites and Transport)	2	1	5	5	5	5	Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	4	Inform the public about digging near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	3 2	3	3	3	5	Create commodity flow study for chemical transport in Guernsey County		New	
Invasive Species	14	4	4	5	5	5	Develop a public education program concerning the hazards associated with invasive species.		New	
Invasive Species	14	2	3	5	2	3	Educate the public on dangers of West Nile Virus and proper precautions.		New	
Invasive Species	14	5	5	5	5	5	Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.		New	
Invasive Species	14	5	5	5	5	5	Disseminate information to the public that explains the importance not importing or exporting firewood.		New	
Landslides & Land Subsidence	13	1	5	3	1	2	Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.		New	
Landslides & Land Subsidence	13	2	2	3	3	3	Creating or increasing setback limits on parcels near high-risk areas.		New	

Landslides & Land Subsidence	13	3	3	3	1	1	Develop a public education program concerning the hazards associated with landslides and how to report landslides.		New	
Landslides & Land Subsidence	13	1	2	1	1	1	Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.		New	
Landslides & Land Subsidence	13	1	1	1	1	0	Defining Steep slope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.		New	
Landslides & Land Subsidence	13	1	1	1	1	1	Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.		New	
Landslides & Land Subsidence	13	3	1	2	1	1	Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).		New	
Lightning	11	1	5	3	1	1	Installing lightning protection devices and methods, such as lightning rods and grounding, on communications infrastructure and other critical facilities		New	
Lightning	11	1	1	3	5	4	Installing and maintaining surge protection on critical electronic equipment.		New	
Lightning	11	0	0	0	0	0	Developing a lightning safety brochure for distribution.		New	
Mine Subsidence	8	3	3	5	3	4	Coordinate with the ODNR's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.		New	
Mine Subsidence	8	2	3	5	3	5	Develop a public notification platform for people to report potential land subsidence or sinkhole development.		New	
Mine Subsidence	8	5	5	5	5	5	Permanently & physically close open mine shafts.		New	

Mine Subsidence	8	3	5	5	5	5	Consider creating a Guernsey County GIS map to identify subsidence hazard areas.		New	
Mine Subsidence	8	3	5	5	3	3	Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.		New	
Wildfires	7	1	3	3	1	2	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7	3	5	5	5	5	Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7	2	4	1	1	1	Clear excess brush away from potentially combustible properties and areas.		New	
Wildfires	7	2	5	4	2	3	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7	2	5	3	3	3	Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7	1	3	1	1	1	Clear excess brush away from potentially combustible properties and areas.		New	

Eril Gore USACE

Guernsey County Mitigation Techniques: 2018

Name/Organization:

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/Deleted, Deferred, Ongoing(% complete)	Comments
Dam failure	6	5	5	3	3	5	Assess the vulnerability of all dams in Guernsey County (31)			
Dam failure	6	3	3	3	3	3	Coordinate with the Ohio Department of Natural Resources, Dam Safety Engineering Program to conduct periodic safety inspections of existing dams in Guernsey County.		New	
Dam failure	6	3	3	3	3	3	Coordinate with officials throughout the County to provide notification and warning of a failure of the Salt Fork Lake Dam.		New	
Flooding	1	1	2	3	5	5	Elevation of flood-prone residents		ongoing	
Flooding	1	1	2	3	2	2	Retrofit of utilities for residents prone to basement flooding		ongoing	
Flooding	1	1	2	1	2	3	Elevate flood-prone roads		unchanged	

Flooding	1	3	3	3	2	3	Dike Cambridge Sewer Treatment Plant			
Flooding	1						Dike Cambridge Water Treatment Plant			
Flooding	1	3	3	3	3	3	Relocation of Cambridge Sewer Collection and Transmission Infrastructure			
Flooding	1	3	3	3	2	2	Comprehensive Watershed Analysis and Implementation of Recommendations to Reduce the hazards associated with floods.			
Flooding	1	1	1	1	1	1	Remove debris from streams		on going	
Flooding	1	1	1	1	1	1	Join the NFIP		unchanged	
Wildfires	7	3	3	3	3	3	Establish an enforceable open burning ban to be implemented during droughts.		New	
Wildfires	7	5	1	2	3	3	Develop an education program for County residents on wildfire prevention.		New	
Wildfires	7	3	5	3	2	1	Provide chemical disposal station in County.		New	

Guernsey County Mitigation Techniques: 2018

Name/Organization: Jeff Brown Federal-Mogul

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deferred, Ongoing(% complete)	Comments
Dam failure	6						Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam failure	6	0	0	0	0	0	Garner community support for the removal or repair of dams in disrepair.	6	2 New	
Dam failure	6	4	5	3	4	3	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.	5	2 New	Look at other Federal Dams for ERP
Dam failure	6	5	4	4	4	4	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.	4	2 New	
Dam Failure	6						Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6						Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Damaging Winds/Tornadoes	4 and 5	4	4	3	2	3	Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).		2 New	Seek PUC cost Recovery
Damaging Winds/Tornadoes	4 and 5	1	1	1	1	1	Promote or Require Site and Building Design Standards to Minimize Wind Damage		2 New	
Damaging Winds/Tornadoes	4 and 5	4	4	4	4	4	Coordinate with the National Weather Service (NWS) to warn residents of impending severe winds and possible tornado conditions.		2 New	
Damaging Winds/Tornadoes	4 and 5	1	1	1	1	1	Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.		2 New	

Damaging Winds/Tornadoes	4 and 5	5	5	5	5	5	Provide/encourage NOAA weather radios for all critical facilities within the County		New	
Damaging Winds/Tornadoes	4 and 5	2	2	1	1	3	Implementation of Outdoor Warning Sirens for Tornado and severe wind events			
Damaging Winds/Tornadoes	4 and 5	Need more details →					5 what why Upgrade the radio communications system throughout the County for all public safety services.		New	
Damaging Winds/Tornadoes	4 and 5	4	3	5	4	4	Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters. This is noted as a high priority request by attendee(s).		New	
Damaging Winds/Tornadoes	4 and 5	6	6	6	6	0	Conduct outreach activities to increase awareness of tornado risk.		New	
Damaging Winds/Tornadoes	4 and 5	4	3	5	4	4	Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.		New	
Damaging Winds/Tornadoes	4 and 5	1	1	1	1	1	Developing and maintaining a database to track community vulnerability to severe wind.		New	
Drought	12						Develop Water Conservation Plan			
Drought	12						Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.		New	
Drought	12						Install Waterlines in rural areas where none exist			
Drought	12						Construct additional water storage facility for emergency crop management and fire suppression.		New	
Drought	12						Pursue Sole Source Aquifer Designation			
Drought	12						Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.		New	

Drought	12						Identify the value of crops and property in Guernsey County		New	
Earthquakes	15						Collect geologic information on seismic sources, soil conditions, and related potential hazards.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	3	3	3	9	Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	2	2	2	2	9	Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	3	3	3	9	Set up a program for more regular inspections of endangered facilities during extreme temperature events.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	4	4	3	9	Educate residents how to weather proof and protect their property.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	5	5	8	Establish cooling centers in centralized locations to serve the largest populations.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	4	4	4	9	Develop a brochure to distribute to local residents.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	0	0	0	0	0	Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.		New	
Flooding	1	0	0	0	0	0	Acquisitions & demolition of flood-prone residents			
Flooding	1	2	1	3	1	1	Replace undersized culverts			will need to hazard Rate: history/hazard Effect

Flooding	1	2	2	2	2	2	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1	0	0	0	0	0	Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1	0	0	0	0	0	Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	4	5	5	3	4	Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	2	2	3	2	Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	1	1	1	1	1	Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.		New	

Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	4	5	5	5	5	Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts that provide direct warnings to the public for natural, technological, and man-made hazards.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Conduct a yearly drill to prepare for a disaster involving hazardous materials	5	New	
Hazardous Materials (Sites and Transport)	2	0	0	0	0	0	Schedule for periodic and random load checks of incoming biomass truckloads.	0	New	
Hazardous Materials (Sites and Transport)	2	0	0	0	0	0	Notify public in implementing any landfill reclamation.	0	New	All Ready Request by EPA
Hazardous Materials (Sites and Transport)	2	2	3	4	2	2	Work with villages and townships to create or improve development standards near pipelines.	2	New	
Hazardous Materials (Sites and Transport)	2	4	4	4	4	4	Identify vulnerability zones for chemicals in accordance with the commodity flow study		New	
Hazardous Materials (Sites and Transport)	2	0	0	0	0	0	New facilities to report what hazardous materials are being handled on-site		New	All Ready Request EPA TCR II & I
Hazardous Materials (Sites and Transport)	2	0	0	0	0	0	Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).		New	All Ready Request Part of EPA Regs
Hazardous Materials (Sites and Transport)	2	5	4	5	4	4	Conduct annual drills to prepare for hazards involving pipelines.		New	Work with OTW DNR to Re.
Hazardous Materials (Sites and Transport)	2	4	4	4	3	4	Create emergency protocol to stop hazardous spills near waterways as quickly as possible		New	
Hazardous Materials (Sites and Transport)	2	0	0	0	0	0	Report if additional hazardous materials are added or removed to the site		New	All Ready TSD Rule
Hazardous Materials (Sites and Transport)	2	0	0	0	0	0	Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.		New	" "

Hazardous Materials (Sites and Transport)	2	4	4	4	4	2	Ensure proper inspection & maintenance of pipelines.		New	Should be part of Initial Permit/contract language
Hazardous Materials (Sites and Transport)	2	4	4	4	3	3	Identify transportation routes that traverse waterways		New	
Hazardous Materials (Sites and Transport)	2	0	0	0	0	0	Report what hazardous materials are being handled on-site and amounts according to regulation		New	TSD Rules have this done
Hazardous Materials (Sites and Transport)	2	0	0	0	0	0	Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).		New	PART of Homeland Security Act/Law
Hazardous Materials (Sites and Transport)	2	1	1	1	1	1	Inform the public about digging near pipelines.		New	
Hazardous Materials (Sites and Transport)	2						Create commodity flow study for chemical transport in Guernsey County		New	
Invasive Species	14						Develop a public education program concerning the hazards associated with invasive species.		New	
Invasive Species	14						Educate the public on dangers of West Nile Virus and proper precautions.		New	
Invasive Species	14						Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.		New	
Invasive Species	14						Disseminate information to the public that explains the importance not importing or exporting firewood.		New	
Landslides & Land Subsidence	13						Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.		New	
Landslides & Land Subsidence	13						Creating or increasing setback limits on parcels near high-risk areas.		New	

Landslides & Land Subsidence	13						Develop a public education program concerning the hazards associated with landslides and how to report landslides.		New	
Landslides & Land Subsidence	13						Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.		New	
Landslides & Land Subsidence	13						Defining Steep slope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.		New	
Landslides & Land Subsidence	13						Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.		New	
Landslides & Land Subsidence	13						Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).		New	
Lightning	11						Installing lightning protection devices and methods, such as lightning rods and grounding, on communications infrastructure and other critical facilities		New	
Lightning	11						Installing and maintaining surge protection on critical electronic equipment.		New	
Lightning	11						Developing a lightning safety brochure for distribution.		New	
Mine Subsidence	8	0	0	0	0	0	Coordinate with the ODNr's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.		New	
Mine Subsidence	8	0	0	0	0	0	Develop a public notification platform for people to report potential land subsidence or sinkhole development.		New	
Mine Subsidence	8	1	1	1	1	1	Permanently & physically close open mine shafts.		New	


Mine Subsidence	8	5	4	4	5	6	Consider creating a Guernsey County GIS map to identify subsidence hazard areas.		New	
Mine Subsidence	8	4	4	4	4	6	Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.		New	
Wildfires	7	1	1	1	1	7	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7						Maintain, improve, and expand existing fire hydrant data. ???		New	
Wildfires	7	1	1	1	1	1	Clear excess brush away from potentially combustible properties and areas.		New	can do only public spaces
Wildfires	7						Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7						Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7						Clear excess brush away from potentially combustible properties and areas.		New	

Jeff Brown Federal Mogul

Guernsey County Mitigation Techniques: 2018

Name/Organization:

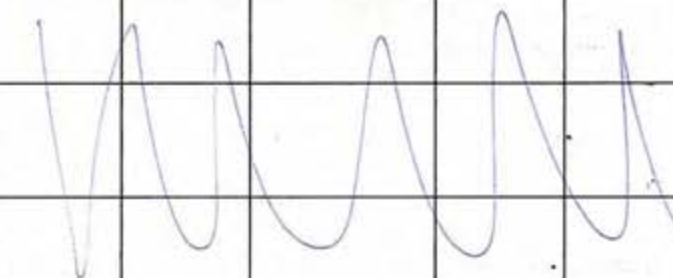
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/Deleted, Deferred, Ongoing(% complete)	Comments
Dam failure	6	3	2	2	2	1	Assess the vulnerability of all dams in Guernsey County (31)		?	
Dam failure	6	3	2	2	2	5	Coordinate with the Ohio Department of Natural Resources, Dam Safety Engineering Program to conduct periodic safety inspections of existing dams in Guernsey County.		New	
Dam failure	6	2	1	1	1	1	Coordinate with officials throughout the County to provide notification and warning of a failure of the Salt Fork Lake Dam.		New	
Flooding	1	0	0	0	0	0	Elevation of flood-prone residents		0	
Flooding	1	0	0	0	0	0	Retrofit of utilities for residents prone to basement flooding		0	
Flooding	1	0	0	0	0	0	Elevate flood-prone roads		0	

Flooding	1	2	2	1	1	1	Dike Cambridge Sewer Treatment Plant			
Flooding	1	2	2	1	1	1	Dike Cambridge Water Treatment Plant			
Flooding	1	0	0	0	0	0	Relocation of Cambridge Sewer Collection and Transmission Infrastructure			
Flooding	1	3	1	2	2	0	Comprehensive Watershed Analysis and Implementation of Recommendations to Reduce the hazards associated with floods.			
Flooding	1	1	1	1	1	0	Remove debris from streams			
Flooding	1						Join the NFIP who			
Wildfires	7	5	5	5	5	7	Establish an enforceable open burning ban to be implemented during droughts.		New	
Wildfires	7	4	4	4	4	4	Develop an education program for County residents on wildfire prevention.		New	
Wildfires	7	4	4	3	4	6	Provide chemical disposal station in County.		New	

Guernsey County Mitigation Techniques: 2018

change?

Name/Organization: Kevin Buehner OMEGA

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Dam failure	6	5	5	4	3	3	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.	A	New	
Dam failure	6	5	3	5	2	2	Garner community support for the removal or repair of dams in disrepair.	B	New	
Dam failure	6	4	4	5	5	5	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.	B	New	
Dam failure	6						Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam Failure	6						Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6						Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Damaging Winds/Tornadoes	4 and 5	2	3	2	2	4	Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).		New	
Damaging Winds/Tornadoes	4 and 5	4	4	4	5	3	Promote or Require Site and Building Design Standards to Minimize Wind Damage		New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	3	Coordinate with the National Weather Service (NWS) to warn residents of impending severe winds and possible tornado conditions.		New	
Damaging Winds/Tornadoes	4 and 5	2	3	3	3	4	Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.		New	

Damaging Winds/Tornadoes	4 and 5	5	5	5	5	3	Provide/encourage NOAA weather radios for all critical facilities within the County		New	
Damaging Winds/Tornadoes	4 and 5	3	5	4	3	3	Implementation of Outdoor Warning Sirens for Tornado and severe wind events			
Damaging Winds/Tornadoes	4 and 5	3	5	5	3	3	Upgrade the radio communications system throughout the County for all public safety services.		New	
Damaging Winds/Tornadoes	4 and 5	4	5	5	4	3	Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters. This is noted as a high priority request by attendee(s).		New	
Damaging Winds/Tornadoes	4 and 5	4	4	5	3	3	Conduct outreach activities to increase awareness of tornado risk.		New	
Damaging Winds/Tornadoes	4 and 5	3	4	4	3	3	Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.		New	
Damaging Winds/Tornadoes	4 and 5	4	4	4	2	2	Developing and maintaining a database to track community vulnerability to severe wind.		New	EMA houses? Who does analysis?
Drought	12	5	5	5	3	3	Develop Water Conservation Plan			A covered under regional plan? EMA or other agency?
Drought	12	3	3	3	2	1	Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.		New	
Drought	12	1	2	2	1	1	Install Waterlines in rural areas where none exist			cost prohibitive / maintenance costs?
Drought	12	2	2	2	1	2	Construct additional water storage facility for emergency crop management and fire suppression.		New	
Drought	12	3	3	3	1	2	Pursue Sole Source Aquifer Designation			
Drought	12	5	5	5	3	3	Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.		New	

Drought	12	4	4	4	2	2	Identify the value of crops and property in Guernsey County		New	by what metric?
Earthquakes	15	4	5	5	2	1	Collect geologic information on seismic sources, soil conditions, and related potential hazards.		New	USGS has this data
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	3	5	3	3	Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations		New	self-reporting?
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	4	4	4	3	Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.		New	social media, traditional, present @ schools
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	4	3	3	3	Set up a program for more regular inspections of endangered facilities during extreme temperature events.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	4	4	3	4	Educate residents how to weather proof and protect their property.		New	are there existing programs? cheap duplication
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	2	3	3	2	2	Establish cooling centers in centralized locations to serve the largest populations.		New	open to public? at risk populations may not have access
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	4	3	2	Develop a brochure to distribute to local residents.		New	need method of distribution
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	4	3	2/3	2	Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.		New	who determines need?
Flooding	1	2	2	4	2	2	Acquisitions & demolition of flood-prone <u>residents</u> residences?			funding - enforce / encourage zoning
Flooding	1	3	4	4	3	3	Replace undersized culverts			coordinate w/ Engineers \$000T

Flooding	1	3	4	3	2	2	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			capacity issues? costs?
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	4	5	2	2	Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	3	4	3	3	Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.		New	businesses may be better?
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	3	4	2	1	Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.		New	

Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	5	5	5	4	3	Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts that provide direct warnings to the public for natural, technological, and man-made hazards.		New	
Hazardous Materials (Sites and Transport)	2	5	5	4	5 6	3	Conduct a yearly drill to prepare for a disaster involving hazardous materials		New	funding from oil & gas
Hazardous Materials (Sites and Transport)	2	5	5	5	3	2	Schedule for periodic and random load checks of incoming biomass truckloads.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	3	2	Notify public in implementing any landfill reclamation.		New	
Hazardous Materials (Sites and Transport)	2	4	5	3	4	2/3	Work with villages and townships to create or improve development standards near pipelines.		New	Zoning needs to be addressed
Hazardous Materials (Sites and Transport)	2	4	4	4	3	3	Identify vulnerability zones for chemicals in accordance with the commodity flow study		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	4	3	New facilities to report what hazardous materials are being handled on-site		New	Zoning / code enforcement
Hazardous Materials (Sites and Transport)	2	3	4	3	2	2	Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).		New	staff costs
Hazardous Materials (Sites and Transport)	2	3	4	4	5	3	Conduct annual drills to prepare for hazards involving pipelines.		New	involve pipeline ops companies
Hazardous Materials (Sites and Transport)	2	5	5	5	4	3	Create emergency protocol to stop hazardous spills near waterways as quickly as possible		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	3	Report if additional hazardous materials are added or removed to the site		New	
Hazardous Materials (Sites and Transport)	2	4	4	4	3	3	Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.		New	

Hazardous Materials (Sites and Transport)	2	4	4	5	5	4	Ensure proper inspection & maintenance of pipelines.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	4	2	Identify transportation routes that traverse waterways		New	GIS
Hazardous Materials (Sites and Transport)	2	3	4	3	2	2	Report what hazardous materials are being handled on-site and amounts according to regulation		New	
Hazardous Materials (Sites and Transport)	2	3	4	4	3	3	Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Inform the public about digging near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	3	4	4	3	3	Create commodity flow study for chemical transport in Guernsey County		New	
Invasive Species	14	3	4	3	2	2	Develop a public education program concerning the hazards associated with invasive species.		New	
Invasive Species	14	4	4	3	3	3	Educate the public on dangers of West Nile Virus and proper precautions.		New	
Invasive Species	14	3	4	3/4	3	2	Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.		New	
Invasive Species	14	5	4	5	3	3	Disseminate information to the public that explains the importance not importing or exporting firewood.		New	
Landslides & Land Subsidence	13	3	3	3	3	3	Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.		New	
Landslides & Land Subsidence	13	4	3	3	3	3	Creating or increasing setback limits on parcels near high-risk areas.		New	zoning-7 esp. rural areas

Landslides & Land Subsidence	13	4	4	3	3	3	Develop a public education program concerning the hazards associated with landslides and how to report landslides.		New	
Landslides & Land Subsidence	13	4	4	3	3	3	Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.		New	Zoning
Landslides & Land Subsidence	13	4	4	3	3	3	Defining Steep ^{Slope} slope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.		New	Zoning
Landslides & Land Subsidence	13	3	4	4	3	3	Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.		New	
Landslides & Land Subsidence	13	5	5	4	4	3	Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).		New	
Lightning	11	4	5	4	4	3	Installing lightning protection devices and methods, such as lightning rods and grounding, on communications infrastructure and other critical facilities		New	
Lightning	11	5	5	3	4	3	Installing and maintaining surge protection on critical electronic equipment.		New	
Lightning	11	4	3	3	3	3	Developing a lightning safety brochure for distribution.		New	
Mine Subsidence	8	3	4	4	3	2	Coordinate with the ODNR's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.		New	
Mine Subsidence	8	3	4	3	3	3	Develop a public notification platform for people to report potential land subsidence or sinkhole development.		New	
Mine Subsidence	8	4	4	4	5	3	Permanently & physically close open mine shafts.		New	

Mine Subsidence	8	5	5	4	5	4	Consider creating a Guernsey County GIS map to identify subsidence hazard areas.		New	
Mine Subsidence	8	4	4	3	3	2	Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.		New	Zoning
Wildfires	7	5	5	5	3	3	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7	4	3	4	3	3	Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7	3	4	3	3	3	Clear excess brush away from potentially combustible properties and areas.		New	
Wildfires	7						Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7						Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7						Clear excess brush away from potentially combustible properties and areas.		New	

Guernsey County Mitigation Techniques: 2018

Name/Organization: *Louis Thornton City of Cambridge*

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deferred, Ongoing(% complete)	Comments
Dam failure	6	3	3	3	2		Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.	2	New	
Dam failure	6	2	3	3	2		Garner community support for the removal or repair of dams in disrepair.	4	New	
Dam failure	6	3	3	3	4		Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.	3	New	
Dam failure	6						Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam Failure	6						Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6						Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Damaging Winds/Tornadoes	4 and 5	2	3	3	4		Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).	2	New	
Damaging Winds/Tornadoes	4 and 5	3	3	3	4		Promote or Require Site and Building Design Standards to Minimize Wind Damage	3	New	
Damaging Winds/Tornadoes	4 and 5				3		Coordinate with the National Weather Service (NWS) to warn residents of impending severe winds and possible tornado conditions.	4	New	
Damaging Winds/Tornadoes	4 and 5	1	2	2	2		Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.	2	New	

Damaging Winds/Tornadoes	4 and 5	4	3	3	4	Provide/encourage NOAA weather radios for all critical facilities within the County	4	New	
Damaging Winds/Tornadoes	4 and 5	1	1	1	2	Implementation of Outdoor Warning Sirens for Tornado and severe wind events	2		
Damaging Winds/Tornadoes	4 and 5	2	3	3	4	Upgrade the radio communications system throughout the County for all public safety services.	4	New	
Damaging Winds/Tornadoes	4 and 5	1				Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters. This is noted as a high priority request by attendee(s).	3	New	
Damaging Winds/Tornadoes	4 and 5	3			2	Conduct outreach activities to increase awareness of tornado risk.	4	New	
Damaging Winds/Tornadoes	4 and 5	4			3	Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.	4	New	
Damaging Winds/Tornadoes	4 and 5	1			2	Developing and maintaining a database to track community vulnerability to severe wind.		New	
Drought	12	3	3	3	4	Develop Water Conservation Plan			
Drought	12	3	3	3	3	Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.		New	
Drought	12	1	1	1	1	Install Waterlines in rural areas where none exist			
Drought	12	1	1	1	1	Construct additional water storage facility for emergency crop management and fire suppression.		New	
Drought	12					Pursue Sole Source Aquifer Designation			
Drought	12	2	2	2	2	Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.		New	

Drought	12	1	1	1	2	Identify the value of crops and property in Guernsey County		New	
Earthquakes	15	1	1	1	1	Collect geologic information on seismic sources, soil conditions, and related potential hazards.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	3	3	4	Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1				Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1				Set up a program for more regular inspections of endangered facilities during extreme temperature events.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	2	3	3	4	Educate residents how to weather proof and protect their property.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	3	3	3	Establish cooling centers in centralized locations to serve the largest populations.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1	1	1	1	Develop a brochure to distribute to local residents.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1	1	1	1	Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.		New	
Flooding	1	1	1	1	2	Acquisitions & demolition of flood-prone residents			
Flooding	1	3	3	3	4	Replace undersized culverts			

Flooding	1					Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1					Acquisitions & demolition of flood-prone residents			
Flooding	1					Replace undersized culverts			
Flooding	1					Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1					Acquisitions & demolition of flood-prone residents			
Flooding	1					Replace undersized culverts			
Flooding	1					Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1					Acquisitions & demolition of flood-prone residents			
Flooding	1					Replace undersized culverts			
Flooding	1					Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	1	1	1	1	Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	3	3	2	Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	3	3	3	Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.		New	

Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	2	2	2	3	Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts that provide direct warnings to the public for natural, technological, and man-made hazards.	New
Hazardous Materials (Sites and Transport)	2	4	4	4	4	Conduct a yearly drill to prepare for a disaster involving hazardous materials	New
Hazardous Materials (Sites and Transport)	2					Schedule for periodic and random load checks of incoming biomass truckloads.	New
Hazardous Materials (Sites and Transport)	2	1	1	1	1	Notify public in implementing any landfill reclamation.	New
Hazardous Materials (Sites and Transport)	2	3	3	3	4	Work with villages and townships to create or improve development standards near pipelines.	New
Hazardous Materials (Sites and Transport)	2	2	2	2	3	Identify vulnerability zones for chemicals in accordance with the commodity flow study	New
Hazardous Materials (Sites and Transport)	2	2	2	2	3	New facilities to report what hazardous materials are being handled on-site	New
Hazardous Materials (Sites and Transport)	2	1	1	1	1	Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).	New
Hazardous Materials (Sites and Transport)	2	3	3	3	4	Conduct annual drills to prepare for hazards involving pipelines.	New
Hazardous Materials (Sites and Transport)	2	4	4	4	4	Create emergency protocol to stop hazardous spills near waterways as quickly as possible	New
Hazardous Materials (Sites and Transport)	2	4	4	4	4	Report if additional hazardous materials are added or removed to the site	New
Hazardous Materials (Sites and Transport)	2					Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.	New

Hazardous Materials (Sites and Transport)	2	4	4	4	4	Ensure proper inspection & maintenance of pipelines.	New
Hazardous Materials (Sites and Transport)	2	2	2	2	2	Identify transportation routes that traverse waterways	New
Hazardous Materials (Sites and Transport)	2	3	3	3	4	Report what hazardous materials are being handled on-site and amounts according to regulation	New
Hazardous Materials (Sites and Transport)	2	2	2	2	2	Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).	New
Hazardous Materials (Sites and Transport)	2	2	2	2	2	Inform the public about digging near pipelines.	New
Hazardous Materials (Sites and Transport)	2	3	3	3	3	Create commodity flow study for chemical transport in Guernsey County	New
Invasive Species	14					Develop a public education program concerning the hazards associated with invasive species.	New
Invasive Species	14					Educate the public on dangers of West Nile Virus and proper precautions.	New
Invasive Species	14					Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.	New
Invasive Species	14	4	4	4	4	Disseminate information to the public that explains the importance not importing or exporting firewood.	New
Landslides & Land Subsidence	13	1	1	1	2	Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.	New
Landslides & Land Subsidence	13					Creating or increasing setback limits on parcels near high-risk areas.	New

Landslides & Land Subsidence	13						Develop a public education program concerning the hazards associated with landslides and how to report landslides.		New	
Landslides & Land Subsidence	13						Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.		New	
Landslides & Land Subsidence	13						Defining Steep slope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.		New	
Landslides & Land Subsidence	13						Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.		New	
Landslides & Land Subsidence	13						Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).		New	
Lightning	11						Installing lightning protection devices and methods, such as lightning rods and grounding, on communications infrastructure and other critical facilities		New	
Lightning	11						Installing and maintaining surge protection on critical electronic equipment.		New	
Lightning	11						Developing a lightning safety brochure for distribution.		New	
Mine Subsidence	8						Coordinate with the ODNr's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.		New	
Mine Subsidence	8						Develop a public notification platform for people to report potential land subsidence or sinkhole development.		New	
Mine Subsidence	8						Permanently & physically close open mine shafts.		New	

Mine Subsidence	8						Consider creating a Guernsey County GIS map to identify subsidence hazard areas.		New	
Mine Subsidence	8						Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.		New	
Wildfires	7						Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7						Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7						Clear excess brush away from potentially combustible properties and areas.		New	
Wildfires	7						Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7						Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7						Clear excess brush away from potentially combustible properties and areas.		New	

Guernsey County Mitigation Techniques: 2018

Name/Organization: *Louis Thornton City of Cambridge*

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/Deleted, Deferred, Ongoing(% complete)	Comments
Dam failure	6	4	4	4	4		Assess the vulnerability of all dams in Guernsey County (31)			
Dam failure	6	4	4	4	4		Coordinate with the Ohio Department of Natural Resources, Dam Safety Engineering Program to conduct periodic safety inspections of existing dams in Guernsey County.		New	
Dam failure	6	4	4	4	4		Coordinate with officials throughout the County to provide notification and warning of a failure of the Salt Fork Lake Dam.		New	
Flooding	1	2	2	2	2		Elevation of flood-prone residents			
Flooding	1	2	2	2	2		Retrofit of utilities for residents prone to basement flooding			
Flooding	1	1	1	1	1		Elevate flood-prone roads			

Flooding	1	1	4	4	4		Dike Cambridge Sewer Treatment Plant			
Flooding	1	1	4	4	4		Dike Cambridge Water Treatment Plant			
Flooding	1	1	3	3	3		Relocation of Cambridge Sewer Collection and Transmission Infrastructure			
Flooding	1	3	3	3	3		Comprehensive Watershed Analysis and Implementation of Recommendations to Reduce the hazards associated with floods.			
Flooding	1	4	4	4	4		Remove debris from streams			
Flooding	1	5	5	5	5		Join the NFIP			
Wildfires	7	4	4	4	4		Establish an enforceable open burning ban to be implemented during droughts.		New	
Wildfires	7	2	2	2	2		Develop an education program for County residents on wildfire prevention.		New	
Wildfires	7	1	1	1	1		Provide chemical disposal station in County.		New	

Scott Wilson Byesville Fire Chief

wasn't at last meeting

Guernsey County Mitigation Techniques: 2018

Name/Organization:										
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Dam failure	6						Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam failure	6						Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6						Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Dam failure	6	5	4	5	2	4	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam Failure	6	3	4	5	1	1	Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6	5	5	5	3	4	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Damaging Winds/Tornadoes	4 and 5	3	5	5	5	4	Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).		New	
Damaging Winds/Tornadoes	4 and 5	3	5	4	5	3	Promote or Require Site and Building Design Standards to Minimize Wind Damage		New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	4	Coordinate with the National Weather Service (NWS) to warn residents of impending severe winds and possible tornado conditions.		New	
Damaging Winds/Tornadoes	4 and 5	2	3	4	4	3	Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.		New	

Damaging Winds/Tornadoes	4 and 5	4	4	4	5	4	Provide/encourage NOAA weather radios for all critical facilities within the County		New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	5	Implementation of Outdoor Warning Sirens for Tornado and severe wind events			
Damaging Winds/Tornadoes	4 and 5	3	5	5	5	4	Upgrade the radio communications system throughout the County for all public safety services.		New	
Damaging Winds/Tornadoes	4 and 5	4	4	3	5	2	Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters. This is noted as a high priority request by attendee(s).		New	
Damaging Winds/Tornadoes	4 and 5	4	5	4	4	3	Conduct outreach activities to increase awareness of tornado risk.		New	
Damaging Winds/Tornadoes	4 and 5	3	4	4	5	3	Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.		New	
Damaging Winds/Tornadoes	4 and 5	2	3	4	4	3	Developing and maintaining a database to track community vulnerability to severe wind.		New	
Drought	12	4	4	5	4	3	Develop Water Conservation Plan			
Drought	12	4	4	4	4	3	Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.		New	
Drought	12	4	3	4	4	3	Install Waterlines in rural areas where none exist			
Drought	12	1	3	3	4	4	Construct additional water storage facility for emergency crop management and fire suppression.		New	
Drought	12	2	3	4	3	4	Pursue Sole Source Aquifer Designation			
Drought	12	3	2	3	2	3	Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.		New	

Drought	12	3	3	4	3	3	Identify the value of crops and property in Guernsey County		New	
Earthquakes	15	0	0	0	0	0	Collect geologic information on seismic sources, soil conditions, and related potential hazards.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	2	3	3	3	4	Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	4	4	2	3	Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1	3	3	1	4	Set up a program for more regular inspections of endangered facilities during extreme temperature events.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	3	4	2	3	Educate residents how to weather proof and protect their property.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	2	3	3	3	Establish cooling centers in centralized locations to serve the largest populations.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	4	3	4	2	Develop a brochure to distribute to local residents.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	2	3	3	1	2	Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.		New	
Flooding	1	3	3	4	2	3	Acquisitions & demolition of flood-prone residents			
Flooding	1	1	3	4	5	3	Replace undersized culverts			

Flooding	1	1	3	4	4	3	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.		
Flooding	1						Acquisitions & demolition of flood-prone residents		
Flooding	1						Replace undersized culverts		
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.		
Flooding	1						Acquisitions & demolition of flood-prone residents		
Flooding	1						Replace undersized culverts		
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.		
Flooding	1						Acquisitions & demolition of flood-prone residents		
Flooding	1						Replace undersized culverts		
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.		
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	3	3	4	3	Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.	New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	2	3	4	5	Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.	New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	4	4	3	4	3	Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.	New	

Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	1	3	4	1	3	Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts that provide direct warnings to the public for natural, technological, and man-made hazards.		New	
Hazardous Materials (Sites and Transport)	2	4	4	4	5	4	Conduct a yearly drill to prepare for a disaster involving hazardous materials		New	
Hazardous Materials (Sites and Transport)	2	2	3	3	5	4	Schedule for periodic and random load checks of incoming biomass truckloads.		New	
Hazardous Materials (Sites and Transport)	2	0	0	0	0	0	Notify public in implementing any landfill reclamation.		New	
Hazardous Materials (Sites and Transport)	2	2	3	4	5	3	Work with villages and townships to create or improve development standards near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	3	3	3	4	4	Identify vulnerability zones for chemicals in accordance with the commodity flow study		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	New facilities to report what hazardous materials are being handled on-site		New	
Hazardous Materials (Sites and Transport)	2	2	3	2	1	2	Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).		New	
Hazardous Materials (Sites and Transport)	2	4	4	3	4	3	Conduct annual drills to prepare for hazards involving pipelines.		New	
Hazardous Materials (Sites and Transport)	2	1	3	3	4	4	Create emergency protocol to stop hazardous spills near waterways as quickly as possible		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Report if additional hazardous materials are added or removed to the site		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	4	Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.		New	

Hazardous Materials (Sites and Transport)	2	2	3	3	4	2	Ensure proper inspection & maintenance of pipelines.		New	
Hazardous Materials (Sites and Transport)	2	4	3	4	3	3	Identify transportation routes that traverse waterways		New	
Hazardous Materials (Sites and Transport)	2	4	4	3	4	3	Report what hazardous materials are being handled on-site and amounts according to regulation		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).		New	
Hazardous Materials (Sites and Transport)	2	2	3	4	3	2	Inform the public about digging near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	3	2	3	4	3	Create commodity flow study for chemical transport in Guernsey County		New	
Invasive Species	14	3	3	2	3	4	Develop a public education program concerning the hazards associated with invasive species.		New	
Invasive Species	14	3	3	3	2	3	Educate the public on dangers of West Nile Virus and proper precautions.		New	
Invasive Species	14	4	3	3	4	2	Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.		New	
Invasive Species	14	2	4	3	4	3	Disseminate information to the public that explains the importance not importing or exporting firewood.		New	
Landslides & Land Subsidence	13	3	3	4	2	3	Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.		New	
Landslides & Land Subsidence	13	4	3	2	4	3	Creating or increasing setback limits on parcels near high-risk areas.		New	

Landslides & Land Subsidence	13	3	3	2	4	3	Develop a public education program concerning the hazards associated with landslides and how to report landslides.		New	
Landslides & Land Subsidence	13	2	4	3	3	2	Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.		New	
Landslides & Land Subsidence	13	3	3	2	3	3	Defining Steep slope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.		New	
Landslides & Land Subsidence	13	3	4	3	2	4	Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.		New	
Landslides & Land Subsidence	13	3	4	2	2	3	Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).		New	
Lightning	11	1	3	2	4	3	Installing lightning protection devices and methods, such as lightning rods and grounding, on communications infrastructure and other critical facilities		New	
Lightning	11	3	3	3	4	2	Installing and maintaining surge protection on critical electronic equipment.		New	
Lightning	11	4	3	3	3	3	Developing a lightning safety brochure for distribution.		New	
Mine Subsidence	8	2	2	4	3	4	Coordinate with the ODNr's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.		New	
Mine Subsidence	8	3	3	4	4	4	Develop a public notification platform for people to report potential land subsidence or sinkhole development.		New	
Mine Subsidence	8	4	3	3	4	2	Permanently & physically close open mine shafts.		New	

Mine Subsidence	8	2	3	4	2	3	Consider creating a Guernsey County GIS map to identify subsidence hazard areas.		New	
Mine Subsidence	8	3	3	4	3	2	Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.		New	
Wildfires	7	1	3	3	4	2	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7	2	3	3	3	3	Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7	1	2	4	3	4	Clear excess brush away from potentially combustible properties and areas.		New	
Wildfires	7						Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7						Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7						Clear excess brush away from potentially combustible properties and areas.		New	

Scott Wilson, Reynoldsville Fire Chief

Guernsey County Mitigation Techniques: 2018

Name/Organization:

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/Deleted, Deferred, Ongoing(% complete)	Comments
Dam failure	6	3	3	4	3	4	Assess the vulnerability of all dams in Guernsey County (31)			
Dam failure	6	3	3	2	3	3	Coordinate with the Ohio Department of Natural Resources, Dam Safety Engineering Program to conduct periodic safety inspections of existing dams in Guernsey County.		New	
Dam failure	6	2	3	3	2	3	Coordinate with officials throughout the County to provide notification and warning of a failure of the Salt Fork Lake Dam.		New	
Flooding	1	3	3	4	2	3	Elevation of flood-prone residents			
Flooding	1	4	3	3	4	2	Retrofit of utilities for residents prone to basement flooding			
Flooding	1	2	3	4	3	1	Elevate flood-prone roads			

Flooding	1	1	2	1	5	3	Dike Cambridge Sewer Treatment Plant			
Flooding	1	1	3	2	3	4	Dike Cambridge Water Treatment Plant			
Flooding	1	1	1	1	5	3	Relocation of Cambridge Sewer Collection and Transmission Infrastructure			
Flooding	1	2	4	3	2	3	Comprehensive Watershed Analysis and Implementation of Recommendations to Reduce the hazards associated with floods.			
Flooding	1	1	3	3	4	2	Remove debris from streams			
Flooding	1	5	3	3	2	3	Join the NFIP			
Wildfires	7	5	5	5	5	5	Establish an enforceable open burning ban to be implemented during droughts.		New	
Wildfires	7	4	3	3	4	3	Develop an education program for County residents on wildfire prevention.		New	
Wildfires	7	1	3	3	4	3	Provide chemical disposal station in County.		New	

Guernsey County Mitigation Techniques: 2018

Name/Organization: *Sen Sumner / OMEGA*

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Dam failure	6	5	5	5	5	5	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.	4	New	N/A
Dam failure	6	5	5	5	5	5	Garner community support for the removal or repair of dams in disrepair.	3	New	N/A
Dam failure	6	5	5	5	5	5	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.	5	New	Important to work with agencies that have resources to accommodate damages
Dam failure	6	5	5	5	5	5	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.	4	New	N/A
Dam Failure	6	5	5	5	5	5	Garner community support for the removal or repair of dams in disrepair.	3	New	uncertain by who is accounted by "community"
Dam failure	6	5	5	5	5	5	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.	5	New	USACE I think has most ability to help dam failure commission
Damaging Winds/Tornadoes	4 and 5	4	4	3	5	4	Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).	4	New	Power is important to mitigate threat
Damaging Winds/Tornadoes	4 and 5	1	4	2	3	3	Promote or Require Site and Building Design Standards to Minimize Wind Damage	4	New	Long term goal
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	5	Coordinate with the National Weather Service (NWS) to warn residents of impending severe winds and possible tornado conditions.	5	New	Tornadoes are an immediate threat
Damaging Winds/Tornadoes	4 and 5	3	1	1	4	4	Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.	3	New	Needs to be assessed after storm passes

Damaging Winds/Tornadoes	4 and 5	5	3	5	5	4	Provide/encourage NOAA weather radios for all critical facilities within the County	5	New	Necessary
Damaging Winds/Tornadoes	4 and 5	5	4	5	5	5	Implementation of Outdoor Warning Sirens for Tornado and severe wind events	5		Oldest method known to man
Damaging Winds/Tornadoes	4 and 5	4	5	5	5	5	Upgrade the radio communications system throughout the County for all public safety services.	5	New	Need communication before + after storm
Damaging Winds/Tornadoes	4 and 5	3	3	3	3	3	Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters. This is noted as a high priority request by attendee(s).	3	New	
Damaging Winds/Tornadoes	4 and 5	0	0	0	0	0	Conduct outreach activities to increase awareness of tornado risk.	0	New	Tornado risk here seems to be common sense
Damaging Winds/Tornadoes	4 and 5	4	3	3	2	1	Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.	4	New	
Damaging Winds/Tornadoes	4 and 5	0	0	0	0	0	Developing and maintaining a database to track community vulnerability to severe wind.	0	New	Mama Nat's got on its own, MIB is cute but can't protect severe disasters well seasonal issue
Drought	12	0	0	0	0	0	Develop Water Conservation Plan	0		
Drought	12	2	2	2	2	2	Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.	2	New	Always good to have regardless of drought
Drought	12	0	0	0	0	0	Install Waterlines in rural areas where none exist	0		Depends on population if it is present
Drought	12	0	0	0	0	0	Construct additional water storage facility for emergency crop management and fire suppression.	0	New	wildfire? Not much here
Drought	12	—	—	—	—	—	Pursue Sole Source Aquifer Designation	—	—	N/A
Drought	12	0	0	0	0	0	Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.	0	New	Common sense

Drought	12	5	5	5	3	3	Identify the value of crops and property in Guernsey County	5	New	Important regardless of drought
Earthquakes	15	0	0	0	0	0	Collect geologic information on seismic sources, soil conditions, and related potential hazards.	0	New	Anything under BS is a joke
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	4	5	5	5	Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations	5	New	winters can be long
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1	1	1	1	1	Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.	1	New	Common sense also can go wrong
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	3	3	3	3	Set up a program for more regular inspections of endangered facilities during extreme temperature events.	3	New	Nah... maybe
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	0	0	0	0	0	Educate residents how to weather proof and protect their property.	0	New	Word of mouth happens
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	0	3	5	Establish cooling centers in centralized locations to serve the largest populations.	4	New	for vulnerable populations yes
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	0	0	0	0	0	Develop a brochure to distribute to local residents.	0	New	Straight to garbage
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	3	3	3	3	Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.	3	New	
Flooding	1	0	0	0	0	0	Acquisitions & demolition of flood-prone residents	0		0
Flooding	1	3	3	3	3	3	Replace undersized culverts	3		Get help

Flooding	1	0	0	0	0	0	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.	0		could be a bad mix
Flooding	1	0	0	0	0	0	Acquisitions & demolition of flood-prone residents	0		
Flooding	1	3	3	3	3	3	Replace undersized culverts	3		
Flooding	1	0	0	0	0	0	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.	0		
Flooding	1	0	0	0	0	0	Acquisitions & demolition of flood-prone residents	0		
Flooding	1	3	3	3	3	3	Replace undersized culverts	3		
Flooding	1	0	0	0	0	0	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.	0		
Flooding	1	0	0	0	0	0	Acquisitions & demolition of flood-prone residents	0		
Flooding	1	3	3	3	3	3	Replace undersized culverts	3		
Flooding	1	0	0	0	0	0	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.	0		
Flooding	1	0	0	0	0	0	Acquisitions & demolition of flood-prone residents	0		
Flooding	1	3	3	3	3	3	Replace undersized culverts	3		
Flooding	1	0	0	0	0	0	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.	0		
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	2	2	2	2	2	Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.	2	New	Actual snow removal is necessary
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	1	1	1	1	1	Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.	1	New	Public shelter is better
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	5	4	3	4	5	Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.	5	New	yes please

Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	5	5	5	5	5	Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts that provide direct warnings to the public for natural, technological, and man-made hazards.	5	New	good for blizzards
Hazardous Materials (Sites and Transport)	2	2	1	0	1	2	Conduct a yearly drill to prepare for a disaster involving hazardous materials	2	New	entire public?
Hazardous Materials (Sites and Transport)	2	3	3	5	3	3	Schedule for periodic and random load checks of incoming biomass truckloads.	4	New	random only
Hazardous Materials (Sites and Transport)	2	2	2	2	2	2	Notify public in implementing any landfill reclamation.	2	New	low priority depending on relation to pop
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Work with villages and townships to create or improve development standards near pipelines.	5	New	pub involvement
Hazardous Materials (Sites and Transport)	2	4	4	4	4	4	Identify vulnerability zones for chemicals in accordance with the commodity flow study	4	New	n
Hazardous Materials (Sites and Transport)	2	0	0	0	0	0	New facilities to report what hazardous materials are being handled on-site	0	New	Involve media better
Hazardous Materials (Sites and Transport)	2	1	1	1	1	1	Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).	1	New	
Hazardous Materials (Sites and Transport)	2	4	4	4	4	4	Conduct annual drills to prepare for hazards involving pipelines.	4	New	
Hazardous Materials (Sites and Transport)	2	5	4	5	4	5	Create emergency protocol to stop hazardous spills near waterways as quickly as possible	5	New	water is life
Hazardous Materials (Sites and Transport)	2	3	3	3	3	3	Report if additional hazardous materials are added or removed to the site	3	New	media
Hazardous Materials (Sites and Transport)	2	0	0	0	0	0	Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.	0	New	N/A

Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Ensure proper inspection & maintenance of pipelines.	5	New	
Hazardous Materials (Sites and Transport)	2	3	3	3	3	3	Identify transportation routes that traverse waterways	3	New	
Hazardous Materials (Sites and Transport)	2						Report what hazardous materials are being handled on-site and amounts according to regulation	3	New	
Hazardous Materials (Sites and Transport)	2						Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).	3	New	
Hazardous Materials (Sites and Transport)	2						Inform the public about digging near pipelines.	4	New	
Hazardous Materials (Sites and Transport)	2						Create commodity flow study for chemical transport in Guernsey County	3	New	
Invasive Species	14						Develop a public education program concerning the hazards associated with invasive species.	2	New	
Invasive Species	14						Educate the public on dangers of West Nile Virus and proper precautions.	1	New	
Invasive Species	14						Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.	1	New	
Invasive Species	14						Disseminate information to the public that explains the importance not importing or exporting firewood.	1	New	
Landslides & Land Subsidence	13						Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.		New	
Landslides & Land Subsidence	13						Creating or increasing setback limits on parcels near high-risk areas.		New	

Landslides & Land Subsidence	13						Develop a public education program concerning the hazards associated with landslides and how to report landslides.		New	
Landslides & Land Subsidence	13						Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.		New	
Landslides & Land Subsidence	13						Defining Steep slope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.		New	
Landslides & Land Subsidence	13						Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.		New	
Landslides & Land Subsidence	13						Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).		New	
Lightning	11						Installing lightning protection devices and methods, such as lightning rods and grounding, on communications infrastructure and other critical facilities.		New	
Lightning	11						Installing and maintaining surge protection on critical electronic equipment.		New	
Lightning	11						Developing a lightning safety brochure for distribution.		New	
Mine Subsidence	8						Coordinate with the ODNR's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.		New	
Mine Subsidence	8						Develop a public notification platform for people to report potential land subsidence or sinkhole development.		New	
Mine Subsidence	8						Permanently & physically close open mine shafts.		New	

Mine Subsidence	8						Consider creating a Guernsey County GIS map to identify subsidence hazard areas.		New	
Mine Subsidence	8						Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.		New	
Wildfires	7	0	0	0	0	0	Monitor and collect data on wildfires and other fires in the County	0	New	
Wildfires	7	0	0	0	0	0	Maintain, improve, and expand existing fire hydrant data.	0	New	
Wildfires	7	0	0	0	0	0	Clear excess brush away from potentially combustible properties and areas.	0	New	
Wildfires	7	0	0	0	0	0	Monitor and collect data on wildfires and other fires in the County	0	New	
Wildfires	7	0	0	0	0	0	Maintain, improve, and expand existing fire hydrant data.	0	New	
Wildfires	7	0	0	0	0	0	Clear excess brush away from potentially combustible properties and areas.	0	New	

Guernsey County Mitigation Techniques: 2018

Name/Organization: <i>Sgt. J. Buxton OHIO STATE Highway Patrol</i>										
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Dam failure	6	4	4	4	2	3	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.	4	New	
Dam failure	6	1	0	1	0	0	Garner community support for the removal or repair of dams in disrepair.	1	New	
Dam failure	6						Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Dam failure	6						Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam Failure	6						Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6	4	4	4	3	4	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.	4	New	
Damaging Winds/Tornadoes	4 and 5	3	3	4	4	3	Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).		New	
Damaging Winds/Tornadoes	4 and 5	3	2	2	3	2	Promote or Require Site and Building Design Standards to Minimize Wind Damage		New	
Damaging Winds/Tornadoes	4 and 5	4	4	4	4	4	Coordinate with the National Weather Service (NWS) to warn residents of impending severe winds and possible tornado conditions.		New	
Damaging Winds/Tornadoes	4 and 5	1	1	1	1	0	Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.		New	

Damaging Winds/Tornadoes	4 and 5	3	3	4	3	2	Provide/encourage NOAA weather radios for all critical facilities within the County		New	
Damaging Winds/Tornadoes	4 and 5	4	4	4	4	4	Implementation of Outdoor Warning Sirens for Tornado and severe wind events		First meeting	
Damaging Winds/Tornadoes	4 and 5	2	2	4	2	2	Upgrade the radio communications system throughout the County for all public safety services.		New	
Damaging Winds/Tornadoes	4 and 5	1	1	3	2	2	Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters. This is noted as a high priority request by attendee(s).		New	
Damaging Winds/Tornadoes	4 and 5	3	3	4	2	3	Conduct outreach activities to increase awareness of tornado risk.		New	
Damaging Winds/Tornadoes	4 and 5	1	2	3	4	3	Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.		New	
Damaging Winds/Tornadoes	4 and 5	3	3	4	2	2	Developing and maintaining a database to track community vulnerability to severe wind.		New	
Drought	12	0				0	Develop Water Conservation Plan			
Drought	12	1	1	3	1	0	Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.		New	
Drought	12	3	2	3	4	4	Install Waterlines in rural areas where none exist			
Drought	12	2	2	3	1	0	Construct additional water storage facility for emergency crop management and fire suppression.		New	
Drought	12	3	2	3	1	1	Pursue Sole Source Aquifer Designation		—	
Drought	12	3	2	2	1	0	Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.		New	

Drought	12	3	2	3	2	1	Identify the value of crops and property in Guernsey County		New	
Earthquakes	15	1	1	2	1	0	Collect geologic information on seismic sources, soil conditions, and related potential hazards.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	3	4	2	1	Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	3	3	1	1	Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1	1	3	1	0	Set up a program for more regular inspections of endangered facilities during extreme temperature events.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	3	4	3	4	Educate residents how to weather proof and protect their property.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1	1	2	1	0	Establish cooling centers in centralized locations to serve the largest populations.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	0	1	1	1	0	Develop a brochure to distribute to local residents.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	4	0	3	0	Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.		New	
Flooding	1	4	5	3	2	1	Acquisitions & demolition of flood-prone residents			
Flooding	1	3	4	4	4	4	Replace undersized culverts			

Flooding	1	1	0	2	1	0	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	2	1	2	1	1	Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	2	1	2	2	1	Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	2	1	2	1	1	Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.		New	

First meeting

Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	4	3	4	2	2	Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts that provide direct warnings to the public for natural, technological, and man-made hazards.		New	
Hazardous Materials (Sites and Transport)	2	4	5	5	5	5	Conduct a yearly drill to prepare for a disaster involving hazardous materials		New	
Hazardous Materials (Sites and Transport)	2	4	4	4	5	5	Schedule for periodic and random load checks of incoming biomass truckloads.		New	
Hazardous Materials (Sites and Transport)	2	4	4	5	4	4	Notify public in implementing any landfill reclamation.		New	
Hazardous Materials (Sites and Transport)	2	4	4	4	4	4	Work with villages and townships to create or improve development standards near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	4	4	5	5	4	Identify vulnerability zones for chemicals in accordance with the commodity flow study		New	
Hazardous Materials (Sites and Transport)	2	2	3	4	4	4	New facilities to report what hazardous materials are being handled on-site		New	
Hazardous Materials (Sites and Transport)	2	3	3	4	4	4	Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).		New	
Hazardous Materials (Sites and Transport)	2	3	4	4	5	5	Conduct annual drills to prepare for hazards involving pipelines.		New	
Hazardous Materials (Sites and Transport)	2	4	4	4	5	5	Create emergency protocol to stop hazardous spills near waterways as quickly as possible		New	
Hazardous Materials (Sites and Transport)	2	4	4	4	5	5	Report if additional hazardous materials are added or removed to the site		New	
Hazardous Materials (Sites and Transport)	2	2	3	4	4	4	Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.		New	

Hazardous Materials (Sites and Transport)	2	3	3	4	3	3	Ensure proper inspection & maintenance of pipelines.		New	
Hazardous Materials (Sites and Transport)	2	4	3	4	4	4	Identify transportation routes that traverse waterways		New	
Hazardous Materials (Sites and Transport)	2	4	5	4	4	4	Report what hazardous materials are being handled on-site and amounts according to regulation		New	
Hazardous Materials (Sites and Transport)	2	5	4	5	5	5	Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).		New	
Hazardous Materials (Sites and Transport)	2	3	2	4	3	3	Inform the public about digging near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	4	3	4	4	4	Create commodity flow study for chemical transport in Guernsey County		New	
Invasive Species	14	2	2	3	2	2	Develop a public education program concerning the hazards associated with invasive species.		New	
Invasive Species	14	3	3	4	4	4	Educate the public on dangers of West Nile Virus and proper precautions.		New	
Invasive Species	14	3	2	3	1	2	Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.		New	
Invasive Species	14	3	2	2	1	1	Disseminate information to the public that explains the importance not importing or exporting firewood.		New	
Landslides & Land Subsidence	13	3	4	3	4	4	Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.		New	
Landslides & Land Subsidence	13	3	3	3	2	3	Creating or increasing setback limits on parcels near high-risk areas.		New	

Landslides & Land Subsidence	13	2	1	2	1	1	Develop a public education program concerning the hazards associated with landslides and how to report landslides.		New	
Landslides & Land Subsidence	13	2	1	2	1	1	Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.		New	
Landslides & Land Subsidence	13	2	2	3	2	1	Defining Steep slope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.		New	
Landslides & Land Subsidence	13	4	4	4	4	4	Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.		New	
Landslides & Land Subsidence	13	4	4	4	4	4	Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).		New	
Lightning	11	3	3	2	2	2	Installing lightning protection devices and methods, such as lightning rods and grounding, on communications infrastructure and other critical facilities		New	
Lightning	11	3	3	4	3	3	Installing and maintaining surge protection on critical electronic equipment.		New	
Lightning	11	2	1	3	2	2	Developing a lightning safety brochure for distribution.		New	
Mine Subsidence	8	2	1	3	1	1	Coordinate with the ODNR's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.		New	
Mine Subsidence	8	3	3	3	1	2	Develop a public notification platform for people to report potential land subsidence or sinkhole development.		New	
Mine Subsidence	8	2	1	3	1	1	Permanently & physically close open mine shafts.		New	

Mine Subsidence	8	3	3	3	3	3	Consider creating a Guernsey County GIS map to identify subsidence hazard areas.		New	
Mine Subsidence	8	3	2	3	2	2	Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.		New	
Wildfires	7	3	4	4	3	3	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7	3	3	4	3	3	Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7	2	1	2	1	1	Clear excess brush away from potentially combustible properties and areas.		New	
Wildfires	7	3	3	4	2	3	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7						Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7						Clear excess brush away from potentially combustible properties and areas.		New	

Guernsey County Mitigation Techniques: 2018

Name/Organization: *Sgt. J. Buxton OSHR*

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/Deleted, Deferred, Ongoing(% complete)	Comments
Dam failure	6	3	3	3	2	2	Assess the vulnerability of all dams in Guernsey County (31)			
Dam failure	6	3	2	3	2	2	Coordinate with the Ohio Department of Natural Resources, Dam Safety Engineering Program to conduct periodic safety inspections of existing dams in Guernsey County.		New	
Dam failure	6	3	3	4	3	3	Coordinate with officials throughout the County to provide notification and warning of a failure of the Salt Fork Lake Dam.		New	
Flooding	1	3	2	3	3	3	Elevation of flood-prone residents			
Flooding	1	1	1	2	2	2	Retrofit of utilities for residents prone to basement flooding			
Flooding	1	3	3	4	3	3	Elevate flood-prone roads			

First meeting

)

Flooding	1	2	2	3	3	3	Dike Cambridge Sewer Treatment Plant			
Flooding	1	2	2	3	2	2	Dike Cambridge Water Treatment Plant			
Flooding	1	1	1	3	1	1	Relocation of Cambridge Sewer Collection and Transmission Infrastructure			
Flooding	1	3	2	3	2	2	Comprehensive Watershed Analysis and Implementation of Recommendations to Reduce the hazards associated with floods.			
Flooding	1	1	2	3	2	3	Remove debris from streams			
Flooding	1	1	1	3	3	3	Join the NFIP			
Wildfires	7	2	1	3	2	2	Establish an enforceable open burning ban to be implemented during droughts.		New	
Wildfires	7	2	1	3	2	2	Develop an education program for County residents on wildfire prevention.		New	
Wildfires	7	1	1	3	2	1	Provide chemical disposal station in County.		New	

Guernsey County Mitigation Techniques: 2018

Name/Organization: Skip Gardner Guernsey Cty Commissioner

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Dam failure	6						Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam failure	6						Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6						Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Dam failure	6	5	4	3	5		Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam Failure	6	4	3	3	3		Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6	5	4	3	4		Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Damaging Winds/Tornadoes	4 and 5	4	4	3	4		Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).		New	
Damaging Winds/Tornadoes	4 and 5	5	4	3	4		Promote or Require Site and Building Design Standards to Minimize Wind Damage		New	
Damaging Winds/Tornadoes	4 and 5	5	5	4	4		Coordinate with the National Weather Service (NWS) to warn residents of impending severe winds and possible tornado conditions.		New	
Damaging Winds/Tornadoes	4 and 5	5	4	4	5		Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.		New	

Damaging Winds/Tornadoes	4 and 5	4	4	3	5		Provide/encourage NOAA weather radios for all critical facilities within the County		New	
Damaging Winds/Tornadoes	4 and 5	4	3	3	5		Implementation of Outdoor Warning Sirens for Tornado and severe wind events			
Damaging Winds/Tornadoes	4 and 5	5	3	3	5		Upgrade the radio communications system throughout the County for all public safety services.		New	
Damaging Winds/Tornadoes	4 and 5	5	5	3	5		Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters. This is noted as a high priority request by attendee(s).		New	
Damaging Winds/Tornadoes	4 and 5	4	5	3	5		Conduct outreach activities to increase awareness of tornado risk.		New	
Damaging Winds/Tornadoes	4 and 5	5	5	3	5		Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.		New	
Damaging Winds/Tornadoes	4 and 5	4	4	3	5		Developing and maintaining a database to track community vulnerability to severe wind.		New	
Drought	12	4	4	3	5		Develop Water Conservation Plan			
Drought	12	5	3	3	5		Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.		New	
Drought	12	1	3	3	4		Install Waterlines in rural areas where none exist			
Drought	12	3	4	3	4		Construct additional water storage facility for emergency crop management and fire suppression.		New	
Drought	12						Pursue Sole Source Aquifer Designation			
Drought	12	4	5	3	5		Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.		New	

Drought	12	4	4	3	3		Identify the value of crops and property in Guernsey County		New	
Earthquakes	15	4	4	3	3		Collect geologic information on seismic sources, soil conditions, and related potential hazards.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	3	5		Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	3	5		Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	4	3	4		Set up a program for more regular inspections of endangered facilities during extreme temperature events.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	3	5		Educate residents how to weather proof and protect their property.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	4	3	4		Establish cooling centers in centralized locations to serve the largest populations.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	3	4		Develop a brochure to distribute to local residents.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	4	3	3		Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.		New	
Flooding	1	3	4	3	3		Acquisitions & demolition of flood-prone residents			
Flooding	1	4	4	3	3		Replace undersized culverts			

Flooding	1	3	3	3	3	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1	3	4	3	3	Acquisitions & demolition of flood-prone residents			
Flooding	1	4	4	3	3	Replace undersized culverts			
Flooding	1	3	3	3	3	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1	3	4	3	3	Acquisitions & demolition of flood-prone residents			
Flooding	1	4	4	3	3	Replace undersized culverts			
Flooding	1	3	3	3	3	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1	3	4	3	3	Acquisitions & demolition of flood-prone residents			
Flooding	1	4	4	3	3	Replace undersized culverts			
Flooding	1	3	3	3	3	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1	3	4	3	3	Acquisitions & demolition of flood-prone residents			
Flooding	1	4	4	3	3	Replace undersized culverts			
Flooding	1	3	3	3	3	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	4	4	3	4	Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	4	4	3	4	Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	3	3	3	Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.		New	

Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	5	5	3	5	5	Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts that provide direct warnings to the public for natural, technological, and man-made hazards.		New	
Hazardous Materials (Sites and Transport)	2	4	4	3	4		Conduct a yearly drill to prepare for a disaster involving hazardous materials		New	
Hazardous Materials (Sites and Transport)	2	4	4	3	4		Schedule for periodic and random load checks of incoming biomass truckloads.		New	
Hazardous Materials (Sites and Transport)	2	4	4	3	4		Notify public in implementing any landfill reclamation.		New	
Hazardous Materials (Sites and Transport)	2	4	4	3	4	4	Work with villages and townships to create or improve development standards near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	4	4	3	4		Identify vulnerability zones for chemicals in accordance with the commodity flow study		New	
Hazardous Materials (Sites and Transport)	2	4	4	3	4		New facilities to report what hazardous materials are being handled on-site		New	
Hazardous Materials (Sites and Transport)	2	4	4	3	4		Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).		New	
Hazardous Materials (Sites and Transport)	2	4	4	3	4		Conduct annual drills to prepare for hazards involving pipelines.		New	
Hazardous Materials (Sites and Transport)	2	3	3	3	3		Create emergency protocol to stop hazardous spills near waterways as quickly as possible		New	
Hazardous Materials (Sites and Transport)	2	3	3	3	3		Report if additional hazardous materials are added or removed to the site		New	
Hazardous Materials (Sites and Transport)	2	3	3	3	3		Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.		New	

Hazardous Materials (Sites and Transport)	2	4	4	3	5	Ensure proper inspection & maintenance of pipelines.		New	
Hazardous Materials (Sites and Transport)	2	4	4	3	4	Identify transportation routes that traverse waterways		New	
Hazardous Materials (Sites and Transport)	2	3	3	3	3	Report what hazardous materials are being handled on-site and amounts according to regulation		New	
Hazardous Materials (Sites and Transport)	2	4	4	3	4	Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).		New	
Hazardous Materials (Sites and Transport)	2	4	4	3	5	Inform the public about digging near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	3	3	3	3	Create commodity flow study for chemical transport in Guernsey County		New	
Invasive Species	14	4	3	3	3	Develop a public education program concerning the hazards associated with invasive species.		New	
Invasive Species	14	5	5	3	5	Educate the public on dangers of West Nile Virus and proper precautions.		New	
Invasive Species	14	4	3	3	3	Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.		New	
Invasive Species	14	3	3	3	3	Disseminate information to the public that explains the importance not importing or exporting firewood.		New	
Landslides & Land Subsidence	13	4	4	3	3	Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.		New	
Landslides & Land Subsidence	13	4	4	3	3	Creating or increasing setback limits on parcels near high-risk areas.		New	

Landslides & Land Subsidence	13	3	3	3	3	Develop a public education program concerning the hazards associated with landslides and how to report landslides.	New
Landslides & Land Subsidence	13	3	3	3	3	Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.	New
Landslides & Land Subsidence	13	3	3	3	3	Defining Steep slope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.	New
Landslides & Land Subsidence	13					Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.	New
Landslides & Land Subsidence	13	5	5	3	1	Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).	New
Lightning	11	4	3	3	3	Installing lightning protection devices and methods, such as lightning rods and grounding, on communications infrastructure and other critical facilities	New
Lightning	11	4	3	3	3	Installing and maintaining surge protection on critical electronic equipment.	New
Lightning	11	5	5	3	5	Developing a lightning safety brochure for distribution.	New
Mine Subsidence	8	4	4	3	3	Coordinate with the ODNr's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.	New
Mine Subsidence	8	5	5	3	5	Develop a public notification platform for people to report potential land subsidence or sinkhole development.	New
Mine Subsidence	8	3	3	3	3	Permanently & physically close open mine shafts.	New

Mine Subsidence	8	5	5	3	1	Consider creating a Guernsey County GIS map to identify subsidence hazard areas.	New
Mine Subsidence	8	3	3	3	3	Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.	New
Wildfires	7	5	5	3	3	Monitor and collect data on wildfires and other fires in the County	New
Wildfires	7	4	3	3	4	Maintain, improve, and expand existing fire hydrant data.	New
Wildfires	7	4	3	3	3	Clear excess brush away from potentially combustible properties and areas.	New
Wildfires	7	4	4	3	3	Monitor and collect data on wildfires and other fires in the County	New
Wildfires	7	4	3	3	4	Maintain, improve, and expand existing fire hydrant data.	New
Wildfires	7	4	3	3	3	Clear excess brush away from potentially combustible properties and areas.	New

Skip Gardner

Guernsey County Mitigation Techniques: 2018

Name/Organization:

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/Deleted, Deferred, Ongoing(% complete)	Comments
Dam failure	6	5	4	3	4	•	Assess the vulnerability of all dams in Guernsey County (31)			
Dam failure	6	5	4	3	4		Coordinate with the Ohio Department of Natural Resources, Dam Safety Engineering Program to conduct periodic safety inspections of existing dams in Guernsey County.		New	
Dam failure	6	5	5	3	4		Coordinate with officials throughout the County to provide notification and warning of a failure of the Salt Fork Lake Dam.		New	
Flooding	1	4	4	3	3		Elevation of flood-prone residents			
Flooding	1	4	4	3	3		Retrofit of utilities for residents prone to basement flooding			
Flooding	1	5	5	3	4		Elevate flood-prone roads			

Flooding	1						Dike Cambridge Sewer Treatment Plant			
Flooding	1						Dike Cambridge Water Treatment Plant			
Flooding	1						Relocation of Cambridge Sewer Collection and Transmission Infrastructure			
Flooding	1						Comprehensive Watershed Analysis and Implementation of Recommendations to Reduce the hazards associated with floods.			
Flooding	1						Remove debris from streams			
Flooding	1						Join the NFIP			
Wildfires	7						Establish an enforceable open burning ban to be implemented during droughts.		New	
Wildfires	7						Develop an education program for County residents on wildfire prevention.		New	
Wildfires	7						Provide chemical disposal station in County.		New	

Guernsey County Mitigation Techniques: 2018

Name/Organization: Stephanie Pfaltzgraf - Guernsey County Senior Center

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Dam failure	6	4	4	4	5	5	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam failure	6	5	5	3	3	4	Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6	3	3	5	4	3	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Dam failure	6						Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam Failure	6						Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6						Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Damaging Winds/Tornadoes	4 and 5	3	3	4	4	3	Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).		New	
Damaging Winds/Tornadoes	4 and 5	3	4	4	4	4	Promote or Require Site and Building Design Standards to Minimize Wind Damage		New	
Damaging Winds/Tornadoes	4 and 5	4	4	4	5	5	Coordinate with the National Weather Service (NWS) to warn residents of impending severe winds and possible tornado conditions.		New	
Damaging Winds/Tornadoes	4 and 5	2	3	3	3	3	Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.		New	

Damaging Winds/Tornadoes	4 and 5	5	3	5	5	5	Provide/encourage NOAA weather radios for all critical facilities within the County		New	
Damaging Winds/Tornadoes	4 and 5	3	4	4	4	4	Implementation of Outdoor Warning Sirens for Tornado and severe wind events		Unknown	
Damaging Winds/Tornadoes	4 and 5	2	3	5	5	5	Upgrade the radio communications system throughout the County for all public safety services.		New	
Damaging Winds/Tornadoes	4 and 5	2	3	5	5	5	Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters. This is noted as a high priority request by attendee(s).		New	
Damaging Winds/Tornadoes	4 and 5	5	4	5	5	5	Conduct outreach activities to increase awareness of tornado risk.		New	
Damaging Winds/Tornadoes	4 and 5	2	3	5	6	5	Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.		New	
Damaging Winds/Tornadoes	4 and 5	3	3	4	3	3	Developing and maintaining a database to track community vulnerability to severe wind.		New	
Drought	12	4	4	5	4	3	Develop Water Conservation Plan			
Drought	12	3	3	4	4	4	Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.		New	
Drought	12	2	2	3	5	5	Install Waterlines in rural areas where none exist			
Drought	12	2	2	3	4	3	Construct additional water storage facility for emergency crop management and fire suppression.		New	
Drought	12	3	3	3	3	3	Pursue Sole Source Aquifer Designation		Unknown	
Drought	12	3	4	5	3	3	Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.		New	

Drought	12	4	3	4	3	4	Identify the value of crops and property in Guernsey County		New	
Earthquakes	15	3	3	4	3	3	Collect geologic information on seismic sources, soil conditions, and related potential hazards.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	4	5	5	5	Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	4	5	5	4	Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	3	5	4	3	Set up a program for more regular inspections of endangered facilities during extreme temperature events.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	4	5	3	3	Educate residents how to weather proof and protect their property.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	4	5	4	4	Establish cooling centers in centralized locations to serve the largest populations.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	4	4	3	3	Develop a brochure to distribute to local residents.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	3	4	4	4	Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.		New	
Flooding	1	2	2	2	3	3	Acquisitions & demolition of flood-prone residents		unknown	
Flooding	1	3	3	3	3	3	Replace undersized culverts		unknown	

Flooding	1	2	3	3	4	3	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.		Unknown	
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	4	4	5	4	4	Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	4	4	5	3	3	Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	4	5	3	3	Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.		New	

Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	4	3	5	5	5	Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts that provide direct warnings to the public for natural, technological, and man-made hazards.		New	
Hazardous Materials (Sites and Transport)	2	4	3	5	4	4	Conduct a yearly drill to prepare for a disaster involving hazardous materials		New	
Hazardous Materials (Sites and Transport)	2	3	3	5	3	4	Schedule for periodic and random load checks of incoming biomass truckloads.		New	
Hazardous Materials (Sites and Transport)	2	4	3	4	3	3	Notify public in implementing any landfill reclamation.		New	
Hazardous Materials (Sites and Transport)	2	4	4	5	5	5	Work with villages and townships to create or improve development standards near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	4	4	5	4	4	Identify vulnerability zones for chemicals in accordance with the commodity flow study		New	
Hazardous Materials (Sites and Transport)	2	4	3	5	4	4	New facilities to report what hazardous materials are being handled on-site		New	
Hazardous Materials (Sites and Transport)	2	3	3	5	3	3	Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).		New	
Hazardous Materials (Sites and Transport)	2	4	4	5	5	5	Conduct annual drills to prepare for hazards involving pipelines.		New	
Hazardous Materials (Sites and Transport)	2	3	3	5	4	5	Create emergency protocol to stop hazardous spills near waterways as quickly as possible		New	
Hazardous Materials (Sites and Transport)	2	4	4	5	4	5	Report if additional hazardous materials are added or removed to the site		New	
Hazardous Materials (Sites and Transport)	2	3	4	5	3	4	Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.		New	

Hazardous Materials (Sites and Transport)	2	3	4	5	4	5	Ensure proper inspection & maintenance of pipelines.		New	
Hazardous Materials (Sites and Transport)	2	3	4	5	3	4	Identify transportation routes that traverse waterways		New	
Hazardous Materials (Sites and Transport)	2	3	3	5	4	3	Report what hazardous materials are being handled on-site and amounts according to regulation		New	
Hazardous Materials (Sites and Transport)	2	3	3	5	4	3	Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).		New	
Hazardous Materials (Sites and Transport)	2	4	3	5	4	4	Inform the public about digging near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	4	3	5	4	3	Create commodity flow study for chemical transport in Guernsey County		New	
Invasive Species	14	4	4	5	4	4	Develop a public education program concerning the hazards associated with invasive species.		New	
Invasive Species	14	4	4	5	4	4	Educate the public on dangers of West Nile Virus and proper precautions.		New	
Invasive Species	14	4	4	5	4	4	Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.		New	
Invasive Species	14	4	4	5	4	4	Disseminate information to the public that explains the importance not importing or exporting firewood.		New	
Landslides & Land Subsidence	13	4	3	5	3	3	Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.		New	
Landslides & Land Subsidence	13	3	4	5	4	3	Creating or increasing setback limits on parcels near high-risk areas.		New	

Landslides & Land Subsidence	13	4	4	5	4	4	Develop a public education program concerning the hazards associated with landslides and how to report landslides.		New	
Landslides & Land Subsidence	13	4	3	5	3	3	Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.		New	
Landslides & Land Subsidence	13	4	3	5	4	3	Defining Steep slope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.		New	
Landslides & Land Subsidence	13	4	3	5	4	3	Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.		New	
Landslides & Land Subsidence	13	4	3	5	4	3	Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).		New	
Lightning	11	3	4	5	4	4	Installing lightning protection devices and methods, such as lightning rods and grounding, on communications infrastructure and other critical facilities		New	
Lightning	11	3	3	5	3	3	Installing and maintaining surge protection on critical electronic equipment.		New	
Lightning	11	3	4	5	4	4	Developing a lightning safety brochure for distribution.		New	
Mine Subsidence	8	3	4	5	5	5	Coordinate with the ODNr's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.		New	
Mine Subsidence	8	3	4	5	5	5	Develop a public notification platform for people to report potential land subsidence or sinkhole development.		New	
Mine Subsidence	8	2	3	4	5	5	Permanently & physically close open mine shafts.		New	

Mine Subsidence	8	4	3	5	5	5	Consider creating a Guernsey County GIS map to identify subsidence hazard areas.		New	
Mine Subsidence	8	4	3	5	3	3	Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.		New	
Wildfires	7	3	3	5	4	4	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7	3	4	5	4	4	Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7	3	3	4	3	3	Clear excess brush away from potentially combustible properties and areas.		New	
Wildfires	7	4	4	4	4	4	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7	4	4	4	4	4	Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7						Clear excess brush away from potentially combustible properties and areas.		New	

Guernsey County Mitigation Techniques: 2018

Name/Organization:

Stephanie Pfaltzgraf, Outreach Coordinator

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/Deleted, Deferred, Ongoing(% complete)	Comments
Dam failure	6	3	3	5	4	3	Assess the vulnerability of all dams in Guernsey County (31)			
Dam failure	6	3	3	5	3	3	Coordinate with the Ohio Department of Natural Resources, Dam Safety Engineering Program to conduct periodic safety inspections of existing dams in Guernsey County.		New	
Dam failure	6	3	3	5	3	3	Coordinate with officials throughout the County to provide notification and warning of a failure of the Salt Fork Lake Dam.		New	
Flooding	1	0	2	2	2	1	Elevation of flood-prone residents			
Flooding	1	2	1	5	3	1	Retrofit of utilities for residents prone to basement flooding			
Flooding	1	0 0	0	2	0	1	Elevate flood-prone roads			

Flooding	1	2	3	3	3	3	Dike Cambridge Sewer Treatment Plant			
Flooding	1	2	3	3	3	3	Dike Cambridge Water Treatment Plant			
Flooding	1	6	2	3	2	2	Relocation of Cambridge Sewer Collection and Transmission Infrastructure			
Flooding	1	3	3	5	2	2	Comprehensive Watershed Analysis and Implementation of Recommendations to Reduce the hazards associated with floods.			
Flooding	1	3	2	5	4	3	Remove debris from streams			
Flooding	1	4	3	5	3	3	Join the NFIP			
Wildfires	7	4	4	3	3	2	Establish an enforceable open burning ban to be implemented during droughts.		New	
Wildfires	7	5	4	5	4	4	Develop an education program for County residents on wildfire prevention.		New	
Wildfires	7	2	3	5	3	3	Provide chemical disposal station in County.		New	

Terry Losego Cambridge Airport

Guernsey County Mitigation Techniques: 2018

Name/Organization:

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Dam failure	6						Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam failure	6						Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6						Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Dam failure	6	4	5	5	3	5	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam Failure	6	1	1	3	2	3	Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6	4	4	4	3	5	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Damaging Winds/Tornadoes	4 and 5	2	2	4	3	5	Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).		New	
Damaging Winds/Tornadoes	4 and 5	2	3	4	2	4	Promote or Require Site and Building Design Standards to Minimize Wind Damage		New	
Damaging Winds/Tornadoes	4 and 5	4	5	5	4	5	Coordinate with the National Weather Service (NWS) to warn residents of impending severe winds and possible tornado conditions.		New	
Damaging Winds/Tornadoes	4 and 5	2	4	4	3	4	Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.		New	

Damaging Winds/Tornadoes	4 and 5	4	4	4	3	3	Provide/encourage NOAA weather radios for all critical facilities within the County		New	
Damaging Winds/Tornadoes	4 and 5	4	4	4	3	3	Implementation of Outdoor Warning Sirens for Tornado and severe wind events			
Damaging Winds/Tornadoes	4 and 5	1	2	3	2	1	Upgrade the radio communications system throughout the County for all public safety services.		New	
Damaging Winds/Tornadoes	4 and 5	1	2	4	1	1	Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters. This is noted as a high priority request by attendee(s).		New	
Damaging Winds/Tornadoes	4 and 5	4	3	3	2	1	Conduct outreach activities to increase awareness of tornado risk.		New	
Damaging Winds/Tornadoes	4 and 5	4	5	4	4	3	Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.		New	
Damaging Winds/Tornadoes	4 and 5	3	3	4	2	1	Developing and maintaining a database to track community vulnerability to severe wind.		New	
Drought	12	3	2	4	1	1	Develop Water Conservation Plan			
Drought	12	3	3	4	2	1	Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.		New	
Drought	12	1	3	4	3	2	Install Waterlines in rural areas where none exist			
Drought	12	1	2	3	1	1	Construct additional water storage facility for emergency crop management and fire suppression.		New	
Drought	12	1	1	1	1	1	Pursue Sole Source Aquifer Designation			
Drought	12	3	3	4	2	1	Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.		New	

Drought	12	2	2	3	1	2	Identify the value of crops and property in Guernsey County		New	
Earthquakes	15	1	2	3	1	1	Collect geologic information on seismic sources, soil conditions, and related potential hazards.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	4	4	4	5	Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	4	4	4	3	Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	2	3	3	2	1	Set up a program for more regular inspections of endangered facilities during extreme temperature events.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	3	3	2	2	Educate residents how to weather proof and protect their property.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	2	2	2	1	1	Establish cooling centers in centralized locations to serve the largest populations.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	4	4	3	2	Develop a brochure to distribute to local residents.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1	2	3	1	2	Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.		New	
Flooding	1	4	3	4	3	2	Acquisitions & demolition of flood-prone residents			
Flooding	1	4	3	4	3	2	Replace undersized culverts			

Flooding	1	1	1	3	1	1	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1	3	3	4	3	2	Acquisitions & demolition of flood-prone residents			
Flooding	1	3	4	4	3	2	Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	3	4	2	1	Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	2	3	3	2	Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	3	3	3	3	Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.		New	

Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	4	3	3	3	2	Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts that provide direct warnings to the public for natural, technological, and man-made hazards.		New	
Hazardous Materials (Sites and Transport)	2	2	2	3	4	3	Conduct a yearly drill to prepare for a disaster involving hazardous materials		New	
Hazardous Materials (Sites and Transport)	2	4	4	5	3	3	Schedule for periodic and random load checks of incoming biomass truckloads.		New	
Hazardous Materials (Sites and Transport)	2	3	4	4	2	1	Notify public in implementing any landfill reclamation.		New	
Hazardous Materials (Sites and Transport)	2	2	3	3	1	1	Work with villages and townships to create or improve development standards near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	3	3	4	2	2	Identify vulnerability zones for chemicals in accordance with the commodity flow study		New	
Hazardous Materials (Sites and Transport)	2	4	4	4	3	2	New facilities to report what hazardous materials are being handled on-site		New	
Hazardous Materials (Sites and Transport)	2	2	4	5	3	3	Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).		New	
Hazardous Materials (Sites and Transport)	2	1	2	3	1	1	Conduct annual drills to prepare for hazards involving pipelines.		New	
Hazardous Materials (Sites and Transport)	2	4	5	5	4	4	Create emergency protocol to stop hazardous spills near waterways as quickly as possible		New	
Hazardous Materials (Sites and Transport)	2	4	4	5	4	4	Report if additional hazardous materials are added or removed to the site		New	
Hazardous Materials (Sites and Transport)	2	4	5	5	5	4	Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.		New	

Hazardous Materials (Sites and Transport)	2	4	4	5	4	4	Ensure proper inspection & maintenance of pipelines.		New	
Hazardous Materials (Sites and Transport)	2	4	5	4	4	3	Identify transportation routes that traverse waterways		New	
Hazardous Materials (Sites and Transport)	2	4	5	4	4	4	Report what hazardous materials are being handled on-site and amounts according to regulation		New	
Hazardous Materials (Sites and Transport)	2	3	3	4	2	2	Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Inform the public about digging near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	3	4	4	4	4	Create commodity flow study for chemical transport in Guernsey County		New	
Invasive Species	14	3	3	3	1	1	Develop a public education program concerning the hazards associated with invasive species.		New	
Invasive Species	14	4	3	4	4	3	Educate the public on dangers of West Nile Virus and proper precautions.		New	
Invasive Species	14	3	2	4	1	1	Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.		New	
Invasive Species	14	3	2	4	1	1	Disseminate information to the public that explains the importance not importing or exporting firewood.		New	
Landslides & Land Subsidence	13	3	3	3	2	1	Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.		New	
Landslides & Land Subsidence	13	3	3	3	2	1	Creating or increasing setback limits on parcels near high-risk areas.		New	

Landslides & Land Subsidence	13	2	3	4	1	2	Develop a public education program concerning the hazards associated with landslides and how to report landslides.		New	
Landslides & Land Subsidence	13	2	2	4	2	1	Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.		New	
Landslides & Land Subsidence	13	3	3	4	3	2	Defining Steep slope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.		New	
Landslides & Land Subsidence	13	4	3	4	4	3	Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.		New	
Landslides & Land Subsidence	13	4	4	5	3	3	Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).		New	
Lightning	11	3	3	4	2	1	Installing lightning protection devices and methods, such as lightning rods and grounding, on communications infrastructure and other critical facilities		New	
Lightning	11	4	4	3	3	2	Installing and maintaining surge protection on critical electronic equipment.		New	
Lightning	11	4	4	4	4	3	Developing a lightning safety brochure for distribution.		New	
Mine Subsidence	8	1	2	5	1	2	Coordinate with the ODNr's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.		New	
Mine Subsidence	8	3	3	4	2	2	Develop a public notification platform for people to report potential land subsidence or sinkhole development.		New	
Mine Subsidence	8	1	1	3	1	2	Permanently & physically close open mine shafts.		New	

Mine Subsidence	8	4	4	4	4	2	Consider creating a Guernsey County GIS map to identify subsidence hazard areas.		New	
Mine Subsidence	8	3	3	4	3	2	Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.		New	
Wildfires	7	2	2	3	1	1	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7	3	3	3	4	2	Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7	2	1	3	1	1	Clear excess brush away from potentially combustible properties and areas.		New	
Wildfires	7	3	3	4	2	2	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7	4	4	4	3	3	Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7	2	1	3	1	1	Clear excess brush away from potentially combustible properties and areas.		New	

Term Losego

Guernsey County Mitigation Techniques: 2018

Name/Organizaton:

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/Deleted, Deffered, Ongoing(% complete)	Comments
Dam failure	6	3	3	3	1	1	Assess the vulnerability of all dams in Guernsey County (31)			
Dam failure	6						Coordinate with the Ohio Department of Natural Resources, Dam Safety Engineering Program to conduct periodic safety inspections of existing dams in Guernsey County.		New	
Dam failure	6						Coordinate with officials throughout the County to provide notification and warning of a failure of the Salt Fork Lake Dam.		New	
Flooding	1	3	2	3	2	1	Elevation of flood-prone residents			
Flooding	1	2	1	3	1	1	Retrofit of utilities for residents prone to basement flooding			
Flooding	1	1	2	3	1	1	Elevate flood-prone roads			

Flooding	1	3	3	3	3	2	Dike Cambridge Sewer Treatment Plant			
Flooding	1	3	3	3	3	2	Dike Cambridge Water Treatment Plant			
Flooding	1	1	2	4	2	1	Relocation of Cambridge Sewer Collection and Transmission Infrastructure			
Flooding	1	2	2	4	1		Comprehensive Watershed Analysis and Implementation of Recommendations to Reduce the hazards associated with floods.			
Flooding	1	4	5	5	4	3	Remove debris from streams			
Flooding	1	?	2	2	2	?	Join the NFIP			
Wildfires	7	4	3	4	3	3	Establish an enforceable open burning ban to be implemented during droughts.		New	
Wildfires	7	2	3	4	1	1	Develop an education program for County residents on wildfire prevention.		New	
Wildfires	7	3	2	3	1	1	Provide chemical disposal station in County.		New	

(Ranked as 1 = Best 5 = worst) CN

Thomas Beunfeld

Guernsey County Mitigation Techniques: 2018

Name/Organinzation:										
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immmediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Dam failure	6	5	4	4	4	4	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam failure	6	4	4	4	3	3	Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6	5	4	5	5	4	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Dam failure	6	5	3	4	5	4	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam Failure	6	5	3	4	4	3	Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6	5	4	4	4	3	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Damaging Winds/Tornadoes	4 and 5	5	5	4	5	5	Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).		New	
Damaging Winds/Tornadoes	4 and 5	5	3	4	3	3	Promote or Require Site and Building Design Standards to Minimize Wind Damage		New	
Damaging Winds/Tornadoes	4 and 5	5	4	4	5	4	Coordinate with the National Weather Service (NWS) to warn residents of impending severe winds and possible tornado conditions.		New	
Damaging Winds/Tornadoes	4 and 5	5	5	4	5	4	Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.		New	

Damaging Winds/Tornadoes	4 and 5	5	4	4	3	3	Provide/encourage NOAA weather radios for all critical facilities within the County		New	
Damaging Winds/Tornadoes	4 and 5	5	5	4	4	5	Implementation of Outdoor Warning Sirens for Tornado and severe wind events			
Damaging Winds/Tornadoes	4 and 5	5	4	4	5	4	Upgrade the radio communications system throughout the County for all public safety services.		New	
Damaging Winds/Tornadoes	4 and 5	5	5	3	3	4	Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters. This is noted as a high priority request by attendee(s).		New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	4	3	Conduct outreach activities to increase awareness of tornado risk.		New	
Damaging Winds/Tornadoes	4 and 5	5	4	4	5	4	Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.		New	
Damaging Winds/Tornadoes	4 and 5	5	3	4	3	3	Developing and maintaining a database to track community vulnerability to severe wind.		New	
Drought	12	5	4	3	4	3	Develop Water Conservation Plan			
Drought	12	5	5	5	4	4	Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.		New	
Drought	12	5	5	5	4	4	Install Waterlines in rural areas where none exist			
Drought	12	5	4	4	3	4	Construct additional water storage facility for emergency crop management and fire suppression.		New	
Drought	12	5	5	3	4	3	Pursue Sole Source Aquifer Designation			
Drought	12	5	4	5	3	4	Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.		New	

Drought	12	5	5	4	3	4	Identify the value of crops and property in Guernsey County		New	
Earthquakes	15	5	4	4	5	33	Collect geologic information on seismic sources, soil conditions, and related potential hazards.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	4	5	4	Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	5	4	3	Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	4	3	3	4	Set up a program for more regular inspections of endangered facilities during extreme temperature events.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	3	3	4	3	Educate residents how to weather proof and protect their property.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	4	4	3	3	Establish cooling centers in centralized locations to serve the largest populations.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	3	3	4	4	Develop a brochure to distribute to local residents.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	4	4	3	3	Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.		New	
Flooding	1	5	5	4	5	4	Acquisitions & demolition of flood-prone residents			
Flooding	1	5	5	5	4	3	Replace undersized culverts			

Flooding	1	5	5	4	3	3	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1	5	4	4	3	3	Acquisitions & demolition of flood-prone residents			
Flooding	1	5	5	4	4	4	Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1						Acquisitions & demolition of flood-prone residents			
Flooding	1						Replace undersized culverts			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	5	5	5	4	4	Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	5	4	2	3	3	Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	5	5	4	3	4	Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.		New	

Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	5	5	4	3	4	Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts that provide direct warnings to the public for natural, technological, and man-made hazards.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	4	4	Conduct a yearly drill to prepare for a disaster involving hazardous materials		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	4	Schedule for periodic and random load checks of incoming biomass truckloads.		New	
Hazardous Materials (Sites and Transport)	2	5	4	4	3	3	Notify public in implementing any landfill reclamation.		New	
Hazardous Materials (Sites and Transport)	2	5	5	4	5	5	Work with villages and townships to create or improve development standards near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	5	4	4	3	3	Identify vulnerability zones for chemicals in accordance with the commodity flow study		New	
Hazardous Materials (Sites and Transport)	2	5	5	4	4	3	New facilities to report what hazardous materials are being handled on-site		New	
Hazardous Materials (Sites and Transport)	2	5	4	4	3	3	Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).		New	
Hazardous Materials (Sites and Transport)	2	5	5	4	4	3	Conduct annual drills to prepare for hazards involving pipelines.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	3	4	Create emergency protocol to stop hazardous spills near waterways as quickly as possible		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	4	3	Report if additional hazardous materials are added or removed to the site		New	
Hazardous Materials (Sites and Transport)	2	5	5	4	3	3	Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.		New	

Hazardous Materials (Sites and Transport)	2	5	5	4	3	3	Ensure proper inspection & maintenance of pipelines.		New	
Hazardous Materials (Sites and Transport)	2	5	4	5	3	4	Identify transportation routes that traverse waterways		New	
Hazardous Materials (Sites and Transport)	2	4	4	3	3	4	Report what hazardous materials are being handled on-site and amounts according to regulation		New	
Hazardous Materials (Sites and Transport)	2	5	4	4	3	3	Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).		New	
Hazardous Materials (Sites and Transport)	2	5	5	4	4	3	Inform the public about digging near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	5	4	3	3	4	Create commodity flow study for chemical transport in Guernsey County		New	
Invasive Species	14	5	3	3	4	3	Develop a public education program concerning the hazards associated with invasive species.		New	
Invasive Species	14	5	5	4	3	4	Educate the public on dangers of West Nile Virus and proper precautions.		New	
Invasive Species	14	5	4	4	4	3	Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.		New	
Invasive Species	14	5	4	3	4	4	Disseminate information to the public that explains the importance not importing or exporting firewood.		New	
Landslides & Land Subsidence	13	5	4	4	3	2	Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.		New	
Landslides & Land Subsidence	13	5	3	3	4	3	Creating or increasing setback limits on parcels near high-risk areas.		New	

Landslides & Land Subsidence	13	5	4	4	3	3	Develop a public education program concerning the hazards associated with landslides and how to report landslides.		New	
Landslides & Land Subsidence	13	5	5	5	4	4	Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.		New	
Landslides & Land Subsidence	13	5	4	3	3	4	Defining Steep slope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.		New	
Landslides & Land Subsidence	13	5	5	3	4	4	Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.		New	
Landslides & Land Subsidence	13	5	4	4	3	4	Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).		New	
Lightning	11	5	5	3	4	3	Installing lightning protection devices and methods, such as lightning rods and grounding, on communications infrastructure and other critical facilities		New	
Lightning	11	5	4	4	3	4	Installing and maintaining surge protection on critical electronic equipment.		New	
Lightning	11	5	4	4	4	3	Developing a lightning safety brochure for distribution.		New	
Mine Subsidence	8	5	5	5	4	5	Coordinate with the ODNr's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.		New	
Mine Subsidence	8	5	5	4	3	3	Develop a public notification platform for people to report potential land subsidence or sinkhole development.		New	
Mine Subsidence	8	5	5	5	4	3	Permanently & physically close open mine shafts.		New	

Mine Subsidence	8	5	4	4	3	3	Consider creating a Guernsey County GIS map to identify subsidence hazard areas.		New	
Mine Subsidence	8	5	5	3	3	4	Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.		New	
Wildfires	7	5	4	4	4	4	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7	5	5	4	5	4	Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7	5	4	5	4	3	Clear excess brush away from potentially combustible properties and areas.		New	
Wildfires	7	5	4	4	4	3	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7	5	5	4	5	4	Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7	5	4	4	4	3	Clear excess brush away from potentially combustible properties and areas.		New	

Thomas Benfield

Guernsey County Mitigation Techniques: 2018

Name/Organization:

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/Deleted, Deferred, Ongoing(% complete)	Comments
Dam failure	6	5	4	4	4	3	Assess the vulnerability of all dams in Guernsey County (31)			
Dam failure	6	5	4	4	3	3	Coordinate with the Ohio Department of Natural Resources, Dam Safety Engineering Program to conduct periodic safety inspections of existing dams in Guernsey County.		New	
Dam failure	6	5	5	4	5	4	Coordinate with officials throughout the County to provide notification and warning of a failure of the Salt Fork Lake Dam.		New	
Flooding	1	5	4	4	4	3	Elevation of flood-prone residents			
Flooding	1	5	4	3	3	3	Retrofit of utilities for residents prone to basement flooding			
Flooding	1	5	4	4	3	3	Elevate flood-prone roads			

Flooding	1	5	4	4	3	4	Dike Cambridge Sewer Treatment Plant			
Flooding	1	5	4	4	3	4	Dike Cambridge Water Treatment Plant			
Flooding	1	5	5	4	4	3	Relocation of Cambridge Sewer Collection and Transmission Infrastructure			
Flooding	1	5	4	4	3	4	Comprehensive Watershed Analysis and Implementation of Recommendations to Reduce the hazards associated with floods.			
Flooding	1	5	5	4	3	3	Remove debris from streams			
Flooding	1	NO					Join the NFIP			
Wildfires	7	5	4	4	3	3	Establish an enforceable open burning ban to be implemented during droughts.		New	
Wildfires	7	5	5	5	5	5	Develop an education program for County residents on wildfire prevention.		New	
Wildfires	7	5	3	3	4	3	Provide chemical disposal station in County.		New	

Guernsey County Mitigation Techniques: 2018

Name/Organizaton: Zedrick Clark / Mayor Senecaaville

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immmediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Dam failure	6	4	2	2	1		Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	None
Dam failure	6	0	0	0	0		Garner community support for the removal or repair of dams in disrepair.		New	None
Dam failure	6	3	3	1	0		Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	None
Dam failure	6	0	0	0	0		Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	None
Dam Failure	6	2	1	2	0		Garner community support for the removal or repair of dams in disrepair.		New	None
Dam failure	6	1	1	1	0		Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	None
Damaging Winds/Tornadoes	4 and 5	1	1	1	0		Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).		New	None
Damaging Winds/Tornadoes	4 and 5	0	0	0	0		Promote or Require Site and Building Design Standards to Minimize Wind Damage		New	None
Damaging Winds/Tornadoes	4 and 5	3	3	3	3		Coordinate with the National Weather Service (NWS) to warn residents of impending severe winds and possible tornado conditions.		New	None
Damaging Winds/Tornadoes	4 and 5	0	0	0	0		Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.		New	OK

Damaging Winds/Tornadoes	4 and 5	4	5	4	5	Provide/encourage NOAA weather radios for all critical facilities within the County	New
Damaging Winds/Tornadoes	4 and 5	4	5	4	5	Implementation of Outdoor Warning Sirens for Tornado and severe wind events	
Damaging Winds/Tornadoes	4 and 5					Upgrade the radio communications system throughout the County for all public safety services.	New
Damaging Winds/Tornadoes	4 and 5					Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters. This is noted as a high priority request by attendee(s).	New
Damaging Winds/Tornadoes	4 and 5					Conduct outreach activities to increase awareness of tornado risk.	New
Damaging Winds/Tornadoes	4 and 5					Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.	New
Damaging Winds/Tornadoes	4 and 5					Developing and maintaining a database to track community vulnerability to severe wind.	New
Drought	12					Develop Water Conservation Plan	
Drought	12					Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.	New
Drought	12					Install Waterlines in rural areas where none exist	
Drought	12					Construct additional water storage facility for emergency crop management and fire suppression.	New
Drought	12					Pursue Sole Source Aquifer Designation	
Drought	12					Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.	New

Drought	12					Identify the value of crops and property in Guernsey County		New	
Earthquakes	15					Collect geologic information on seismic sources, soil conditions, and related potential hazards.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9					Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9					Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9					Set up a program for more regular inspections of endangered facilities during extreme temperature events.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9					Educate residents how to weather proof and protect their property.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9					Establish cooling centers in centralized locations to serve the largest populations.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9					Develop a brochure to distribute to local residents.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9					Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.		New	
Flooding	1					Acquisitions & demolition of flood-prone residents			
Flooding	1					Replace undersized culverts			

Flooding	1					Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1					Acquisitions & demolition of flood-prone residents			
Flooding	1					Replace undersized culverts			
Flooding	1					Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1					Acquisitions & demolition of flood-prone residents			
Flooding	1					Replace undersized culverts			
Flooding	1					Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1					Acquisitions & demolition of flood-prone residents			
Flooding	1					Replace undersized culverts			
Flooding	1					Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3					Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3					Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3					Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.		New	

Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3					Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts that provide direct warnings to the public for natural, technological, and man-made hazards.		New	
Hazardous Materials (Sites and Transport)	2					Conduct a yearly drill to prepare for a disaster involving hazardous materials		New	
Hazardous Materials (Sites and Transport)	2					Schedule for periodic and random load checks of incoming biomass truckloads.		New	
Hazardous Materials (Sites and Transport)	2					Notify public in implementing any landfill reclamation.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	Work with villages and townships to create or improve development standards near pipelines.		New	Roads need work
Hazardous Materials (Sites and Transport)	2	4	4	4	4	Identify vulnerability zones for chemicals in accordance with the commodity flow study		New	Fire Dept -
Hazardous Materials (Sites and Transport)	2					New facilities to report what hazardous materials are being handled on-site		New	
Hazardous Materials (Sites and Transport)	2					Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).		New	
Hazardous Materials (Sites and Transport)	2					Conduct annual drills to prepare for hazards involving pipelines.		New	
Hazardous Materials (Sites and Transport)	2					Create emergency protocol to stop hazardous spills near waterways as quickly as possible		New	
Hazardous Materials (Sites and Transport)	2					Report if additional hazardous materials are added or removed to the site		New	
Hazardous Materials (Sites and Transport)	2					Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.		New	

Hazardous Materials (Sites and Transport)	2	4	4	4	4	Ensure proper inspection & maintenance of pipelines.	New
Hazardous Materials (Sites and Transport)	2					Identify transportation routes that traverse waterways	New
Hazardous Materials (Sites and Transport)	2	4	4	4	4	Report what hazardous materials are being handled on-site and amounts according to regulation	New
Hazardous Materials (Sites and Transport)	2					Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).	New
Hazardous Materials (Sites and Transport)	2					Inform the public about digging near pipelines.	New
Hazardous Materials (Sites and Transport)	2					Create commodity flow study for chemical transport in Guernsey County	New
Invasive Species	14					Develop a public education program concerning the hazards associated with invasive species.	New
Invasive Species	14					Educate the public on dangers of West Nile Virus and proper precautions.	New
Invasive Species	14					Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.	New
Invasive Species	14					Disseminate information to the public that explains the importance not importing or exporting firewood.	New
Landslides & Land Subsidence	13					Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.	New
Landslides & Land Subsidence	13					Creating or increasing setback limits on parcels near high-risk areas.	New

Landslides & Land Subsidence	13					Develop a public education program concerning the hazards associated with landslides and how to report landslides.		New	
Landslides & Land Subsidence	13					Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.		New	
Landslides & Land Subsidence	13					Defining Steep slope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.		New	
Landslides & Land Subsidence	13					Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.		New	
Landslides & Land Subsidence	13					Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).		New	
Lightning	11					Installing lightning protection devices and methods, such as lightning rods and grounding, on communications infrastructure and other critical facilities		New	
Lightning	11					Installing and maintaining surge protection on critical electronic equipment.		New	
Lightning	11					Developing a lightning safety brochure for distribution.		New	
Mine Subsidence	8					Coordinate with the ODNR's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.		New	
Mine Subsidence	8					Develop a public notification platform for people to report potential land subsidence or sinkhole development.		New	
Mine Subsidence	8					Permanently & physically close open mine shafts.		New	

Mine Subsidence	8						Consider creating a Guernsey County GIS map to identify subsidence hazard areas.		New	
Mine Subsidence	8						Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.		New	
Wildfires	7						Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7						Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7						Clear excess brush away from potentially combustible properties and areas.		New	
Wildfires	7						Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7						Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7						Clear excess brush away from potentially combustible properties and areas.		New	

Guernsey County Mitigation Techniques: 2018										
Name/Organinzation: Village Lore City, Richard Carpenter (Mayor), Sharon Carpenter (Fiscal Officer)										
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmental y Sound	Immendiate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Dam failure	6	4	5	5	4	5	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam failure	6	5	5	5	5	5	Coordinate with officials throughout the County to provide notification and warning of a failure of the Salt Fork Lake Dam.		New	
Dam failure	6	5	5	5	5	5	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Dam failure	6	5	5	5	5	5	Coordinate with the Ohio Department of Natural Resources, Dam Safety Engineering Program to conduct periodic safety inspections of existing dams in Guernsey County.		New	
Dam Failure	6	3	3	3	2	2	Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6	5	5	5	5	5	Assess the vulnerability of all dams in Guernsey County (31)		New	
Damaging Winds/Tornadoes	4 and 5	3	3	4	4	4	Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).		New	
Damaging Winds/Tornadoes	4 and 5	3	4	4	3	3	Promote or Require Site and Building Design Standards to Minimize Wind Damage		New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	5	Coordinate with the National Weather Service (NWS) to warn residents of impeding severe winds and possible tornado conditions.		New	

Guernsey County Mitigation Techniques: 2018										
Name/Organiznation: Village Lore City										
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentall y Sound	Immendiate Need	Total Reduction	Mitigation Strategy		Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)
Damaging Winds/Tornadoes	4 and 5	3	3	3	2	2	Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.			New
Damaging Winds/Tornadoes	4 and 5	4	4	4	3	3	Provide/encourage NOAA weather radios for all critical facilities within the County			New
Damaging Winds/Tornadoes	4 and 5	3	3	4	3	4	Implementation of Outdoor Warning Sirens for Tornado and severe wind events			
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	5	Upgrade the radio communications system throughout the County for all public safety services.			New
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	5	Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters.This is noted as a high priority request by attendee(s).			New
Damaging Winds/Tornadoes	4 and 5	3	3	3	2	2	Conduct outreach activities to increase awareness of tornado risk.			New
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	5	Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.			New
Damaging Winds/Tornadoes	4 and 5	4	4	4	4	4	Developing and maintaining a database to track community vulnerability to severe wind.			New
Drought	12	4	4	4	4	4	Develop Water Conservation Plan			
Drought	12	4	4	4	4	4	Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.			New

Guernsey County Mitigation Techniques: 2018										
Name/Organinzation: Village Lore City										
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmental y Sound	Immendiate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Drought	12	4	4	4	4	4	Install Waterlines in rural areas where none exist			
Drought	12	4	4	4	3	3	Construct additional water storage facility for emergency crop management and fire suppression.		New	
Drought	12	3	3	3	3	3	Pursue Sole Source Aquifer Designation			
Drought	12	2	3	4	3	4	Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.		New	
Drought	12	3	3	3	3	3	Identify the value of crops and property in Guernsey County		New	
Earthquakes	15	1	1	1	1	1	Collect geologic information on seismic sources, soil conditions, and related potential hazards.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	5	5	5	Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	4	4	3	3	Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	3	3	3	3	Set up a program for more regular inspections of endangered facilities during extreme temperature events.		New	

Guernsey County Mitigation Techniques: 2018											
Name/Organinzation: Village Lore City											
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmental y Sound	Immendiate Need	Total Reduction	Mitigation Strategy		Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9						3	3			
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	4	3	3	3	Establish cooling centers in centralized locations to serve the largest populations.		New		
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	5	5	4	5	Develop a brochure to distribute to local residents.		New		
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	2	2	3	2	2	Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.		New		
Flooding	1	5	5	5	5	4	Acquisitions & demolition of flood-prone residents				
Flooding	1	5	5	5	5	5	Elevation of flood-prone residents				
Flooding	1	4	4	4	5	5	Retrofit of utilities for residents prone to basement flooding				
Flooding	1	4	4	4	4	4	Elevate flood-prone roads				
Flooding	1	4	3	4	3	3	Replace undersized culverts				
Flooding	1						Dike Cambridge Sewer Treatment Plant				

Guernsey County Mitigation Techniques: 2018										
Name/Organinzation: Village Lore City										
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentall y Sound	Immendiate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Flooding	1						Dike Cambridge Water Treatment Plant			
Flooding	1						Relocation of Cambridge Sewer Collection and Transmission Infrastructure			
Flooding	1	4	4	4	4	4	Comprehensive Watershed Analysis and Implementation of Recommendations to Reduce the hazards associated with floods.			
Flooding	1	5	5	5	5	5	Remove debris from streams			
Flooding	1	5	5	5	5	5	Join the NFIP			
Flooding	1						Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	3	3	3	3	Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	4	5	4	4	3	Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	4	5	4	3	3	Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.		New	

Guernsey County Mitigation Techniques: 2018											
Name/Organinzation: Village Lore City											
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmental y Sound	Immendiate Need	Total Reduction	Mitigation Strategy		Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3						4	4			
Hazardous Materials (Sites and Transport)	2	4	5	4	5	4	Conduct a yearly drill to prepare for a disaster involving hazardous materials			New	
Hazardous Materials (Sites and Transport)	2	4	5	5	5	5	Schedule for periodic and random load checks of incoming biomass truckloads.			New	
Hazardous Materials (Sites and Transport)	2	3	3	3	2	2	Notify public in implementing any landfill reclamation.			New	
Hazardous Materials (Sites and Transport)	2	3	3	2	2	2	Work with villages and townships to create or improve development standards near pipelines.			New	
Hazardous Materials (Sites and Transport)	2						Identify vulnerability zones for chemicals in accordance with the commodity flow study			New	
Hazardous Materials (Sites and Transport)	2	5	5	5	4	4	New facilities to report what hazardous materials are being handled on-site			New	
Hazardous Materials (Sites and Transport)	2	3	3	4	3	3	Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).			New	
Hazardous Materials (Sites and Transport)	2	4	5	4	4	4	Conduct annual drills to prepare for hazards involving pipelines.			New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Create emergency protocol to stop hazardous spills near waterways as quickly as possible			New	

Guernsey County Mitigation Techniques: 2018											
Name/Organinzation: Village Lore City											
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmental y Sound	Immendiate Need	Total Reduction	Mitigation Strategy		Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Hazardous Materials (Sites and Transport)	2	5	5	4	4	4	Report if additional hazardous materials are added or removed to the site			New	
Hazardous Materials (Sites and Transport)	2	3	3	4	2	2	Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.			New	
Hazardous Materials (Sites and Transport)	2	4	4	5	3	3	Ensure proper inspection & maintenance of pipelines.			New	
Hazardous Materials (Sites and Transport)	2	4	3	3	4	4	Identify transportation routes that traverse waterways			New	
Hazardous Materials (Sites and Transport)	2	4	4	3	3	3	Report what hazardous materials are being handled on-site and amounts according to regulation			New	
Hazardous Materials (Sites and Transport)	2	5	5	4	4	4	Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).			New	
Hazardous Materials (Sites and Transport)	2	3	3	4	3	3	Inform the public about digging near pipelines.			New	
Hazardous Materials (Sites and Transport)	2	3	3	3	3	3	Create commodity flow study for chemical transport in Guernsey County			New	
Invasive Species	14	2	2	3	2	2	Develop a public education program concerning the hazards associated with invasive species.			New	
Invasive Species	14	2	2	2	2	2	Educate the public on dangers of West Nile Virus and proper precautions.			New	

Guernsey County Mitigation Techniques: 2018											
Name/Organinzation: Village Lore City											
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmental y Sound	Immendiate Need	Total Reduction	Mitigation Strategy		Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Invasive Species	14	3	3	4	4	3	Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.			New	
Invasive Species	14	3	3	4	3	3	Disseminate information to the public that explains the importance not importing or exporting firewood.			New	
Landslides & Land Subsidence	13	2	2	2	2	2	Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.			New	
Landslides & Land Subsidence	13	2	2	3	1	2	Creating or increasing setback limits on parcels near high-risk areas.			New	
Landslides & Land Subsidence	13	1	2	2	1	2	Develop a public education program concerning the hazards associated with landslides and how to report landslides.			New	
Landslides & Land Subsidence	13	1	1	1	1	1	Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.			New	
Landslides & Land Subsidence	13	1	1	1	1	1	Defining Steep lope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.			New	
Landslides & Land Subsidence	13	1	1	1	1	1	Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.			New	
Landslides & Land Subsidence	13	2	2	2	2	2	Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).			New	

Guernsey County Mitigation Techniques: 2018											
Name/Organinzation: Village Lore City											
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmental y Sound	Immendiate Need	Total Reduction	Mitigation Strategy		Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Lightning	11						2	2			
Lightning	11	2	2	1	1	2	Installing and maintaining surge protection on critical electronic equipment.			New	
Lightning	11	1	1	1	1	1	Developing a lightning safety brochure for distribution.			New	
Mine Subsidence	8	2	2	3	3	2	Coordinate with the ODNR's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.			New	
Mine Subsidence	8	1	2	2	2	2	Develop a public notification platform for people to report potential land subsidence or sinkhole development.			New	
Mine Subsidence	8	3	3	3	2	2	Permanently & physically close open mine shafts.			New	
Mine Subsidence	8	2	2	2	1	1	Consider creating a Guernsey County GIS map to identify subsidence hazard areas.			New	
Mine Subsidence	8	1	1	1	1	1	Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.			New	
Wildfires	7	3	3	4	2	2	Monitor and collect data on wildfires and other fires in the County			New	

Guernsey County Mitigation Techniques: 2018											
Name/Organinzation: Village Lore City											
Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentalall y Sound	Immendiate Need	Total Reduction	Mitigation Strategy		Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Wildfires	7						Establish an enforceable open burning ban to be implemented during droughts.				
Wildfires	7						Clear excess brush away from potentially combustibile properties and areas.				
Wildfires	7						Develop an education program for County residents on wildfire prevention.				
Wildfires	7						Maintain, improve, and expand existing fire hydrant data.				
Wildfires	7						Provide chemical disposal station in County.				

Name/Organization:

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deferred, Ongoing(% complete)	Comments
Dam failure	6	3	4	3	4	3	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.	3	New	
Dam failure	6	2	3	4	3	2	Coordinate with officials throughout the County to provide notification and warning of a failure of the Salt Fork Lake Dam.	2	New	
Dam failure	6	3	2	2	2	2	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.	2	New	
Dam failure	6	4	3	3	4	4	Coordinate with the Ohio Department of Natural Resources, Dam Safety Engineering Program to conduct periodic safety inspections of existing dams in Guernsey County.	4	New	
Dam Failure	6	3	1	3	3	2	Garner community support for the removal or repair of dams in disrepair.	3	New	
Dam failure	6	3	4	3	4	3	Assess the vulnerability of all dams in Guernsey County (31)	3	New	
Damaging Winds/Tornadoes	4 and 5	3	3	3	4	4	Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).	4	New	
Damaging Winds/Tornadoes	4 and 5	3	4	3	5	4	Promote or Require Site and Building Design Standards to Minimize Wind Damage	5	New	
Damaging Winds/Tornadoes	4 and 5	4	4	4	4	4	Coordinate with the National Weather Service (NWS) to warn residents of impending severe winds and possible tornado conditions.	5	New	

Guernsey County Mitigation Techniques: 2018

Name/Organization:

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deferred, Ongoing(% complete)	Comments
Damaging Winds/Tornadoes	4 and 5	3	2	2	2	3	Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.	3	New	
Damaging Winds/Tornadoes	4 and 5	2	2	2	3	2	Provide/encourage NOAA weather radios for all critical facilities within the County	2	New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	3	Implementation of Outdoor Warning Sirens for Tornado and severe wind events	5		For All Villages and Twp's, not just certain ones
Damaging Winds/Tornadoes	4 and 5	4	5	5	5	3	Upgrade the radio communications system throughout the County for all public safety services.	5	New	Utility Services 12/15/16
Damaging Winds/Tornadoes	4 and 5	3	3	3	5	2	Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters. This is noted as a high priority request by attendee(s).	4	New	
Damaging Winds/Tornadoes	4 and 5	3	3	3	3	3	Conduct outreach activities to increase awareness of tornado risk.	3	New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	4	Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.	5	New	
Damaging Winds/Tornadoes	4 and 5	1	1	1	1	5	Developing and maintaining a database to track community vulnerability to severe wind.	1	New	
Drought	12	1	1	1	1	5	Develop Water Conservation Plan	1		
Drought	12	2	1	1	2	1	Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.	2	New	

Guernsey County Mitigation Techniques: 2018

Name/Organization:

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deferred, Ongoing(% complete)	Comments
Drought	12	3	2	2	4	3	Install Waterlines in rural areas where none exist	4		
Drought	12	2	1	2	3	2	Construct additional water storage facility for emergency crop management and fire suppression.	3	New	
Drought	12	1	1	1	1	5	Pursue Sole Source Aquifer Designation	1		Does this mean every one?
Drought	12	1	1	1	1	5	Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.	1	New	
Drought	12	2	1	1	2	2	Identify the value of crops and property in Guernsey County	1	New	
Earthquakes	15	3	4	4	5	1	Collect geologic information on seismic sources, soil conditions, and related potential hazards.	5	New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	2	2	2	2	4	Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations.	1	New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	2	4	3	2	Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.	3	New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	2	2	1	1	4	Set up a program for more regular inspections of endangered facilities during extreme temperature events.	1	New	

Guernsey County Mitigation Techniques: 2018

Name/Organization:

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deferred, Ongoing(% complete)	Comments
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	4	3	4	4	Educate residents how to weather proof and protect their property.	4	New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	4	3	4	4	Establish cooling centers in centralized locations to serve the largest populations.	4	New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	2	2	4	3	2	Develop a brochure to distribute to local residents.	3	New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	1	1	1	2	1	Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.	2	New	
Flooding	1	4	4	4	5	4	Acquisitions & demolition of flood-prone residents	4		
Flooding	1	4	4	4	5	4	Elevation of flood-prone residents	4		
Flooding	1	5	5	4	5	4	Retrout of utilities for residents prone to basement flooding	4		
Flooding	1	3	3	4	3	2	Elevate flood-prone roads	2		
Flooding	1	5	5	4	5	5	Replace undersized culverts	4		
Flooding	1	3	1	1	2	2	Okla Cambridge Sewer Treatment Plant	1		

Guernsey County Mitigation Techniques: 2018

Name/Organization:

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deferred, Ongoing(% complete)	Comments
Flooding	1	3	3	2	3	2	Dike Cambridge Water Treatment Plant	2		
Flooding	1	1	1	1	1	1	Relocation of Cambridge Sewer Collection and Transmission Infrastructure	1		
Flooding	1	2	1	3	1	1	Comprehensive Watershed Analysis and Implementation of Recommendations to Reduce the hazards associated with floods.	1		
Flooding	1	2	3	3	5	2	Remove debris from streams	3		
Flooding	1	1	1	1	2	1	Join the NFIP	1		Cost \$150,000
Flooding	1	1	1	1	2	1	Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.	1		
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	3	3	4	4	4	Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.	3	New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	2	3	3	3	3	Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.	3	New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	2	2	3	2	2	Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.	3	New	

Guernsey County Mitigation Techniques: 2018

Name/Organization:

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/Deferred, Ongoing(% complete)	Comments
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	4	4	4	4	4	Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts that provide direct warnings to the public for natural, technological, and man-made hazards.	5	New	
Hazardous Materials (Sites and Transport)	2	4	4	5	5	5	Conduct a yearly drill to prepare for a disaster involving hazardous materials	5	New	this is done now
Hazardous Materials (Sites and Transport)	2	3	3	5	3	2	Schedule for periodic and random load checks of incoming biomass truckloads.	4	New	who?
Hazardous Materials (Sites and Transport)	2	3	3	5	5	4	Notify public in implementing any landfill reclamation.	3	New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Work with villages and townships to create or improve development standards near pipelines.	5	New	NEEDS DONE NOW!
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Identify vulnerability zones for chemicals in accordance with the commodity flow study	5	New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	New facilities to report what hazardous materials are being handled on-site	5	New	
Hazardous Materials (Sites and Transport)	2	4	3	5	4	4	Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).	3	New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Conduct annual drills to prepare for hazards involving pipelines.	5	New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Create emergency protocol to stop hazardous spills near waterways as quickly as possible	5	New	

Guernsey County Mitigation Techniques: 2018

Name/Organization:

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/Deferred, Ongoing(% complete)	Comments
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Report if additional hazardous materials are added or removed to the site	5	New	
Hazardous Materials (Sites and Transport)	2	3	2	3	1	2	Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.	1	New	Scrap yards included
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Ensure proper inspection & maintenance of pipelines.	5	New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Identify transportation routes that traverse waterways	5	New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Report what hazardous materials are being handled on-site and amounts according to regulation	5	New	
Hazardous Materials (Sites and Transport)	2	5	4	5	5	5	Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).	5	New	
Hazardous Materials (Sites and Transport)	2	5	5	5	4	4	Inform the public about digging near pipelines.	4	New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Create commodity flow study for chemical transport in Guernsey County	5	New	
Invasive Species	14	2	1	3	1	1	Develop a public education program concerning the hazards associated with invasive species.	1	New	
Invasive Species	14	3	2	3	3	2	Educate the public on dangers of West Nile Virus and proper precautions.	2	New	

Guernsey County Mitigation Techniques: 2018

Name/Organization:

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deferred, Ongoing(% complete)	Comments
Invasive Species	14	1	1	2	1	1	Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.	1	New	
Invasive Species	14	1	1	5	2	1	Disseminate information to the public that explains the importance not importing or exporting firewood.	1	New	
Landslides & Land Subsidence	13	3	3	4	3	2	Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.	3	New	
Landslides & Land Subsidence	13	1	1	4	2	2	Creating or increasing setback limits on parcels near high-risk areas.	2	New	
Landslides & Land Subsidence	13	4	4	4	3	3	Develop a public education program concerning the hazards associated with landslides and how to report landslides.	3	New	
Landslides & Land Subsidence	13	4	4	4	4	3	Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.	4	New	
Landslides & Land Subsidence	13	3	3	4	2	2	Defining Steep slope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.	3	New	
Landslides & Land Subsidence	13	4	4	4	3	4	Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.	4	New	
Landslides & Land Subsidence	13	1	1	1	2	1	Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).	2	New	

Guernsey County Mitigation Techniques: 2018

Name/Organization:

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deferred, Ongoing(% complete)	Comments
Lightning	11	2	1	3	2	2	Installing lightning protection devices and methods, such as lightning rods and grounding, on communications infrastructure and other critical facilities	1	New	
Lightning	11	4	4	5	5	5	Installing and maintaining surge protection on critical electronic equipment.	5	New	
Lightning	11	3	4	4	3	3	Developing a lightning safety brochure for distribution.	4	New	
Mine Subsidence	8	3	3	5	4	3	Coordinate with the ODMR's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.	3	New	
Mine Subsidence	8	3	3	4	3	2	Develop a public notification platform for people to report potential land subsidence or sinkhole development.	2	New	
Mine Subsidence	8	5	5	5	5	4	Permanently & physically close open mine shafts.	3	New	
Mine Subsidence	8	1	4	3	3	2	Consider creating a Guernsey County GIS map to identify subsidence hazard areas.	2	New	
Mine Subsidence	8	2	3	3	2	2	Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.	1	New	
Wildfires	7	3	4	4	2	2	Monitor and collect data on wildfires and other fires in the County	1	New	Being Done Now

Guernsey County Mitigation Techniques: 2018

Name/Organization:

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deferred, Ongoing(% complete)	Comments
Wildfires	7	3	3	5	4	2	Establish an enforceable open burning ban to be implemented during droughts.	1	New	
Wildfires	7	4	4	5	5	3	Clear excess brush away from potentially combustible properties and areas.	2	New	
Wildfires	7	4	4	5	3	3	Develop an education program for County residents on wildfire prevention.	2	New	
Wildfires	7	5	5	4	5	3	Maintain, improve, and expand existing fire hydrant data.	3	New	
Wildfires	7	3	2	4	3	2	Provide chemical disposal station in County.	3	New	Why is this not under MAZMAT?

Guernsey County Mitigation Techniques: 2018

Name/Organizaton: Gerry Beckner/Guernsey County EMA

Hazard	Hazard Rank	Cost Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Reduction	Mitigation Strategy	Mitigation Priority	Status: Please as Completed/Unchanged/ Deleted, Deffered, Ongoing(% complete)	Comments
Dam failure	6	5	5	5	1	1	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam failure	6	5	2	4	1	1	Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6	5	3	5	1	1	Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	This should be ODNR
Dam failure	6						Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Guernsey County in response to any changes, directly to the dam or otherwise, to ensure safety for downstream residents.		New	
Dam Failure	6						Garner community support for the removal or repair of dams in disrepair.		New	
Dam failure	6						Coordinate with the US Army Corps of Engineers to update any potentially outdated flood studies encompassing areas affected by the failure or topping of the Salt Fork Lake Dam.		New	
Damaging Winds/Tornadoes	4 and 5	2	2	4	1	1	Protect Power Lines and infrastructure by inspecting utility poles to ensure they meet specifications and are wind resistant, burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues and upgrading overhead utility lines (e.g., adjust utility pole sizes, utility pole span widths, and/or line strength).		New	Possibly after an event when repairs are being
Damaging Winds/Tornadoes	4 and 5	5	3	5	1	1	Promote or Require Site and Building Design Standards to Minimize Wind Damage		New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	1	1	Coordinate with the National Weather Service (NWS) to warn residents of impending severe winds and possible tornado conditions.		New	Completed
Damaging Winds/Tornadoes	4 and 5	2	2	5	3	3	Provide permanent shelters for residents of mobile home parks and campgrounds, where citizens may seek safety.		New	

Damaging Winds/Tornadoes	4 and 5	5	5	5	4	5	Provide/encourage NOAA weather radios for all critical facilities within the County		New	
Damaging Winds/Tornadoes	4 and 5	4	5	5	5	4	Implementation of Outdoor Warning Sirens for Tornado and severe wind events		on going	
Damaging Winds/Tornadoes	4 and 5	2	4	5	5	4	Upgrade the radio communications system throughout the County for all public safety services.		New	
Damaging Winds/Tornadoes	4 and 5	2	5	5	5	5	Seek funding to acquire portable generators to loan out to critical facilities and shelters to loan out to critical facilities and shelters. This is noted as a high priority request by attendee(s).		New	
Damaging Winds/Tornadoes	4 and 5	5	5	5	5	5	Conduct outreach activities to increase awareness of tornado risk.		New	
Damaging Winds/Tornadoes	4 and 5	2	5	5	5	5	Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.		New	
Damaging Winds/Tornadoes	4 and 5	5	3	5	3	5	Developing and maintaining a database to track community vulnerability to severe wind.		New	
Drought	12	4	2	5	1	1	Develop Water Conservation Plan			
Drought	12	2	4	5	3	3	Provide alternative potable water source in the event that existing water supplies are disrupted or wells run dry.		New	
Drought	12	2	5	5	5	5	Install Waterlines in rural areas where none exist			
Drought	12	2	3	5	1	1	Construct additional water storage facility for emergency crop management and fire suppression.		New	
Drought	12						Pursue Sole Source Aquifer Designation		Byesville Dillage only	Not sure what would be involved
Drought	12	5	5	5	5	5	Develop a public education program concerning the hazards associated with droughts and water restrictions during drought conditions.		New	

Drought	12	5	5	5	2	2	Identify the value of crops and property in Guernsey County		New	
Earthquakes	15	1	1				Collect geologic information on seismic sources, soil conditions, and related potential hazards.		New	Should be in ODNR
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	3	3	5	3	3	Identify location of vulnerable populations in Guernsey County. Collaborate with hospitals & retirement homes for the elderly to provide services to these vulnerable populations		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	5	5	5	Educate the public about the symptoms associated with dehydration and hypothermia or other illnesses that can result from extreme temperatures.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	5	5	5	Set up a program for more regular inspections of endangered facilities during extreme temperature events. <u>Contact?</u>		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	5	5	3	Educate residents how to weather proof and protect their property.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	5	5	2	4	Establish cooling centers in centralized locations to serve the largest populations.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	4	4	5	3	3	Develop a brochure to distribute to local residents.		New	
Extreme Cold & Wind Chill / Extreme Heat (Extreme Temperatures)	9	5	5	5	2	2	Provide Electric Heaters or Oscillating Fans for the specific-at-risk population especially the elderly.		New	could be done through donations
Flooding	1	3	5	5	3	5	Acquisitions & demolition of flood-prone residents			This should be done after an event, + prior to recovery.
Flooding	1	3	3	5	5	4	Replace undersized culverts			

Flooding	1					Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.		City of Cambridge Only	Not sure if what this would involve
Flooding	1					Acquisitions & demolition of flood-prone residents			
Flooding	1					Replace undersized culverts			
Flooding	1					Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1					Acquisitions & demolition of flood-prone residents			
Flooding	1					Replace undersized culverts			
Flooding	1					Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Flooding	1					Acquisitions & demolition of flood-prone residents			
Flooding	1					Replace undersized culverts			
Flooding	1					Connect main sewer line at North Guernsey Sewer Plant to Cambridge City System, bypassing flood hazard plant.			
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3					Develop a Resource Manual Database that can be used to inventory emergency resources that can be employed to aid in emergency snow removal.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3					Identify existing sites inside or adjacent to homes that could be used as emergency shelters to prevent injuries during severe hail and winter storms in Guernsey County.		New	
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3					Develop techniques and improvements in infrastructure and building practices in new and existing structures to minimize damage from hail, snow, and ice.		New	

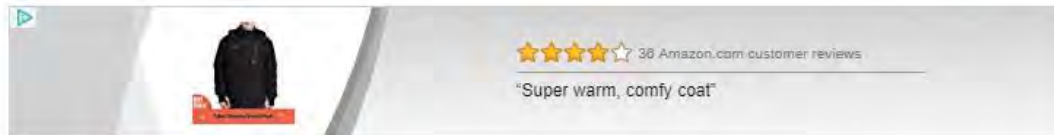
Frozen Precipitation / Heavy Snow / Ice Storms (Winter Storms)	3	5	5	5	5	5	Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts that provide direct warnings to the public for natural, technological, and man-made hazards.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Conduct a yearly drill to prepare for a disaster involving hazardous materials		New	This is done & required by law
Hazardous Materials (Sites and Transport)	2	4	3	5	1	1	Schedule for periodic and random load checks of incoming biomass truckloads.		New	
Hazardous Materials (Sites and Transport)	2						Notify public in implementing any landfill reclamation.		New	Federal or state?
Hazardous Materials (Sites and Transport)	2	3	2	4	2	2	Work with villages and townships to create or improve development standards near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Identify vulnerability zones for chemicals in accordance with the commodity flow study		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	New facilities to report what hazardous materials are being handled on-site		New	Required by law for reporting
Hazardous Materials (Sites and Transport)	2	2	2	5	1	1	Perform regular visual inspections and temperature monitoring of storage piles in landfills to observe whether temperature-related effects are occurring (e.g., steam).		New	
Hazardous Materials (Sites and Transport)	2	5	3	5	5	5	Conduct annual drills to prepare for hazards involving pipelines.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Create emergency protocol to stop hazardous spills near waterways as quickly as possible		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Report if additional hazardous materials are added or removed to the site		New	90-day reporting not necessarily done
Hazardous Materials (Sites and Transport)	2	2	2	5	1	1	Provide fire lanes between piles in landfills to allow fire control equipment access to all operational areas.		New	

Hazardous Materials (Sites and Transport)	2	3	3	5	4	2	Ensure proper inspection & maintenance of pipelines.		New	Provided by State agency
Hazardous Materials (Sites and Transport)	2	4	4	5	4	4	Identify transportation routes that traverse waterways		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Report what hazardous materials are being handled on-site and amounts according to regulation		New	
Hazardous Materials (Sites and Transport)	2	3	3	5	3	3	Restrict public access to facilities handling hazardous materials and holding waste through various measures (e.g., fencing).		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Inform the public about digging near pipelines.		New	
Hazardous Materials (Sites and Transport)	2	5	5	5	5	5	Create commodity flow study for chemical transport in Guernsey County		New	Last completed 2002
Invasive Species	14	5	5	5	5	5	Develop a public education program concerning the hazards associated with invasive species.		New	OSU Extension Soil & Water ODNR
Invasive Species	14	5	5	5	5	5	Educate the public on dangers of West Nile Virus and proper precautions.		New	Health Dept
Invasive Species	14	5	5	5	5	5	Disseminate information to the public that explains the importance of only planting plants that are native to Ohio.		New	OSU Extension Soil & Water ODNR
Invasive Species	14	5	5	5	5	5	Disseminate information to the public that explains the importance not importing or exporting firewood.		New	OSU Extension Soil & Water ODNR
Landslides & Land Subsidence	13	3	3	5	2	3	Completing an inventory of locations where critical facilities, other buildings, and infrastructure are vulnerable to landslides.		New	
Landslides & Land Subsidence	13	3	3	5	2	3	Creating or increasing setback limits on parcels near high-risk areas.		New	

Landslides & Land Subsidence	13	5	5	5	3	3	Develop a public education program concerning the hazards associated with landslides and how to report landslides.		New	
Landslides & Land Subsidence	13	3	2	5	3	3	Work with villages and townships to create standards and regulations for development in or adjacent to landslide prone areas.		New	
Landslides & Land Subsidence	13	3	2	5	3	3	Defining Steep slope/high-risk areas in land use and in comprehensive plans and creating guidelines or restricting new development in those areas.		New	
Landslides & Land Subsidence	13	5	3	5	3	3	Follow proper techniques and protocols to eliminate threats from existing land subsidence and landslides.		New	
Landslides & Land Subsidence	13	3	3	5	3	4	Develop and use a Guernsey County GIS map that identifies landslide hazardous areas (Steep slopes and soils susceptible to landslides).		New	
Lightning	11	3	4	5	5	5	Installing lightning protection devices and methods, such as lightning rods and grounding, on communications infrastructure and other critical facilities		New	
Lightning	11	5	5	5	5	5	Installing and maintaining surge protection on critical electronic equipment.		New	
Lightning	11	5	5	5	5	5	Developing a lightning safety brochure for distribution.		New	
Mine Subsidence	8	3	3	5	3	5	Coordinate with the ODNr's Office of Abandoned Mine Lands & Reclamation to undertake reclamation projects after subsidence incidents.		New	
Mine Subsidence	8	5	5	5	5	5	Develop a public notification platform for people to report potential land subsidence or sinkhole development.		New	
Mine Subsidence	8	2	2	5	4	5	Permanently & physically close open mine shafts.		New	

Mine Subsidence	8	3	4	5	3	3	Consider creating a Guernsey County GIS map to identify subsidence hazard areas.		New	
Mine Subsidence	8	3	3	5	3	3	Consider developing a land use plan or modifying an existing plan to guide development away from & reduce population density in subsidence-prone areas.		New	
Wildfires	7	5	5	5	5	5	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7	3	4	5	4	4	Maintain, improve, and expand existing fire hydrant data.		New	
Wildfires	7	3	3	5	3	3	Clear excess brush away from potentially combustible properties and areas.		New	
Wildfires	7	5	4	5	2	2	Monitor and collect data on wildfires and other fires in the County		New	
Wildfires	7						Maintain, improve, and expand existing fire hydrant data.		New	Repeat
Wildfires	7						Clear excess brush away from potentially combustible properties and areas.		New	Repeat

	Brown's say Gregg Williams' discipline has...		Gene-edited baby claim by Chinese scientist sparks...		Mueller: Ex-Trump campaign chair Manafort lied,...		Timberwolves 102, Cavaliers 95: Second-half rally...		Trump strongly defends use of tear gas on...		Cleveland State student...
---	---	---	---	---	--	---	--	---	--	---	----------------------------



Updated county Hazard Mitigation Plan under review

Posted Oct 26, 2018 at 12:01 AM



The Guernsey County Emergency Management Agency will host a meeting from 7 to 8:30 p.m. Wednesday, Nov. 7 in the first floor conference room at the Guernsey County Administration Building, 627 Wheeling Ave. in Cambridge, to review the county's updated Hazard Mitigation Plan.

Citizens are invited to attend and participate in the planning process.

Individuals planning to attend should register by calling 740-432-9292 or send an email to ema@guernseycounty.org. There will also be a registration form available on the Guernsey County EMA website.

The previous plan can be found at www.guernseycountyema.com, and comments can be submitted via the webpage if unable to attend the public meeting.



SIGN UP FOR DAILY E-MAIL

Wake up to the day's top news, delivered to your inbox

