



Auglaize County Hazard Mitigation Plan

IMPLEMENTATION OF MITIGATION MEASURES – AUGLAIZE COUNTY

Including the cities, villages, and townships of the county

As per requirement 44 CFR Part 201.6 (c)(3)(iii): [The mitigation strategy section shall include] an action plan describing how the actions identified in section (c)(3)(ii) will be prioritized, implemented, and administered by the local jurisdiction. Prioritization shall include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.

PRIORITIZATION OF MITIGATION STRATEGIES

The Auglaize County HMC identified several hazard mitigation projects to be included in the county's Hazard Mitigation Plan. These projects, along with their priority, are listed in the following table. Each strategy is given a numerical priority rating. Strategies listed with a rating of "1" are the highest priority for that jurisdiction.

The numeric prioritization system is as follows. Following the generation of the list of strategies, projects were scored by a series of measurable criteria, such as:

- Social Impacts: How will the project be received by the public?
- Technical Feasibility: Can the project be completed with available resources?
- Administrative: Does the jurisdiction have the capabilities to manage the project?
- Political: Will implementing the project cause political problems?
- Legal: Does the jurisdiction have legal authority to implement the project?
- Cost Effectiveness: Does the benefit of the project outweigh its cost?
- Environmental: Will the implemented project adversely affect the environment?

A formal Benefit Cost Analysis (BCA) was not performed on this list of projects, in part because federal guidance was not available to assist in the development of an approvable BCA. However, as can be seen above, cost effectiveness was considered during prioritization. If applicable, and as projects are implemented in the future, a formal BCA may be done to rank eligible projects (e.g. various buyout projects will be compared if funding is available and the project with the most favorable benefit-cost ratio will be undertaken).

AUGLAIZE COUNTY

| <i>Hazard</i> | <i>Mitigation Strategy</i> | <i>Priority</i> |
|---------------|--|-----------------|
| Dam Failure | Strategy 1.1.1: During all new dam construction, encourage the completion of a critical flood engineering analysis by a professional engineer licensed in the State of Ohio. | 2 |
| Dam Failure | Strategy 1.1.2: Coordinate with the ODNR, Dam Safety Engineering Program to conduct regular safety inspections of existing dams in Auglaize County. | 1 |
| Drought | Strategy 2.1.1: Purchase and install a dry hydrant system capable of controlling grass fires that occur during dry conditions. | 2 |
| Drought | Strategy 2.2.1: Develop an informational brochure to distribute to local farmers and residents. | 1 |
| Earthquake | Strategy 3.1.1: Develop an informational brochure explaining the potential for earthquakes, as well as the potential damages from those earthquakes. The brochure should include information pertaining to measures to take to safe-proof homes and other structures from the potential effects of earthquakes. | 1 |
| Earthquake | Strategy 3.2.1: Investigate the impact an earthquake could have on the various pipelines that cross the county, as well as the Grand Lake St. Marys Dam, which is a large Class I dam. The east embankment dam has a storage volume of over 13,000 acre feet. | 2 |
| Flooding | Strategy 4.1.1: Clean the Auglaize River and its floodplain, clearing log jams, trees and shrubs, and sediment bars. Also dredge the bottom of the Miami-Erie Canal. | 1 |
| Flooding | Strategy 4.1.2: Evaluate the need for constructing more retention ponds, catch basins, wetlands, and wooded areas. | 3 |
| Flooding | Strategy 4.1.3: Increase public information on flood zones, flash flooding. Locate roadways in high-water areas and set up warning signs where needed. | 2 |
| Flooding | Strategy 4.1.4: Conduct a feasibility study for the relocation of a lift station which is currently located in a known floodplain. | 4 |
| Flooding | Strategy 4.1.5: Install drainage tile to route floodwater around the Pusheta Township cemetery. | 5 |
| Severe Storm | Strategy 5.1.1: Coordinate with the National Weather Service (NWS) to warn residents of impending severe thunderstorm conditions. | 2 |
| Severe Storm | Strategy 5.1.2: Encourage the use of NOAA weather radios that continuously broadcast National Weather Service forecasts and provide direct warnings to the public for natural hazards. At a minimum, each township should possess a radio. | 3 |



Auglaize County Hazard Mitigation Plan

| | | |
|-------------------------|---|---|
| Severe Storm | Strategy 5.1.3: Encourage the use of the Emergency Alert System (EAS) on commercial radio, television, and cable systems to send out emergency information targeted to specific areas. | 1 |
| Severe Storm | Strategy 5.1.4: Ensure that surge protection, such as surge protectors and rounding, has been installed on all critical electronic equipment owned by county government. | 5 |
| Severe Storm | Strategy 5.1.5: Request funding for a countywide lightning detection system for parks, ball diamonds, fairgrounds, and golf courses. | 6 |
| Severe Storm | Strategy 5.2.1: Encourage each township or community to compile a list of CERT members or volunteers who own snowmobiles and/or 4-wheel drive vehicles that can help transport supplies and those needing medical assistance. | 4 |
| Severe Wind and Tornado | Strategy 6.1.1: Coordinate with the National Weather Service and the Mercer County warning system and local radio operators to warn residents of impending severe winds and possible tornado conditions primarily in the St. Marys area. | 3 |
| Severe Wind and Tornado | Strategy 6.1.2: Install tornado warning sirens in every township of the county. | 1 |
| Severe Wind and Tornado | Strategy 6.2.1: Enforce existing building codes that regulate the materials used in new construction with respect to design wind speeds. | 4 |
| Severe Wind and Tornado | Strategy 6.3.1: Determine the location and number of shelters to construct, that are capable of withstanding high wind speeds. | 2 |
| Severe Wind and Tornado | Strategy 6.3.2: Reduce the risk of mobile home damage by suggestion the use of tie-downs with ground anchors appropriate for the soil type. | 5 |

VILLAGE OF BUCKLAND AND LOGAN TOWNSHIP

| <i>Hazard</i> | <i>Mitigation Strategy</i> | <i>Priority</i> |
|---------------|--|-----------------|
| Flooding | Strategy 1A.1.1: Clean the Auglaize River and its floodplain in Logan Township, clearing log jams, trees and shrubs, and sediment bars. | 1 |

VILLAGE OF CRIDERSVILLE AND DUCHOUQUEST TOWNSHIP

| <i>Hazard</i> | <i>Mitigation Strategy</i> | <i>Priority</i> |
|---------------|--|-----------------|
| Drought | Strategy 1B.1.1: Develop measures to prioritize or control water use during extremely dry conditions. | 1 |



Auglaize County Hazard Mitigation Plan

VILLAGE OF MINSTER AND JACKSON TOWNSHIP

| <i>Hazard</i> | <i>Mitigation Strategy</i> | <i>Priority</i> |
|---------------|--|-----------------|
| Flooding | Strategy 1C.1.1: Control and secure debris and yard items, or stored objects (including oil, gasoline, and propane tanks, and paint and chemical barrels) in flood plains that may be swept away, damaged, or pose a hazard when flooding occurs. | 1 |

VILLAGE OF NEW BREMEN AND GERMAN TOWNSHIP

| <i>Hazard</i> | <i>Mitigation Strategy</i> | <i>Priority</i> |
|---------------|---|-----------------|
| Severe Storm | Strategy 1D.1.1: Construct snow fences or “living snow fences” (rows of trees or vegetation) to limit blowing and drifting snow over critical roadways segments. | 1 |

VILLAGE OF NEW KNOXVILLE AND WASHINGTON TOWNSHIP

| <i>Hazard</i> | <i>Mitigation Strategy</i> | <i>Priority</i> |
|---------------|---|-----------------|
| Earthquakes | Strategy 1E.1.1: Develop an informational brochure explaining the potential for earthquakes, as well as the potential damages from those earthquakes. The brochure should include information pertaining to measures to take to safe-proof homes and other structures from the potential effects of earthquakes. | 1 |

CITY OF ST. MARYS AND ST. MARYS AND NOBLE TOWNSHIPS

| <i>Hazard</i> | <i>Mitigation Strategy</i> | <i>Priority</i> |
|---------------|---|-----------------|
| Severe Storm | Strategy 1F.1.1: Invest in an early warning system/network and train personnel to serve as weather spotters. | 1 |

VILLAGE OF UNIOPOLIS AND UNION TOWNSHIP

| <i>Hazard</i> | <i>Mitigation Strategy</i> | <i>Priority</i> |
|---------------------|---|-----------------|
| Severe Wind/Tornado | Strategy 1G.1.1: Encourage residents to secure loose materials, such as yard and patio items indoors or where winds cannot blow them around. | 1 |

CITY OF WAPAKONETA AND PUSHETA TOWNSHIP

| <i>Hazard</i> | <i>Mitigation Strategy</i> | <i>Priority</i> |
|---------------------|--|-----------------|
| Severe Wind/Tornado | Strategy 1H.1.1: Construct multi-purpose shelters near recreational parks, mobile home parks, and the county fairgrounds. | 1 |



Auglaize County Hazard Mitigation Plan

VILLAGE OF WAYNESFIELD AND WAYNE AND GOSHEN TOWNSHIPS

| <i>Hazard</i> | <i>Mitigation Strategy</i> | <i>Priority</i> |
|---------------|---|-----------------|
| Drought | Strategy 1I.1.1: Develop an informational brochure to distribute to local farmers and residents. | 1 |