

# Athens City Natural Hazard Mitigation Plan

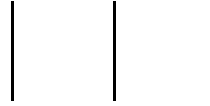
Goal: To eliminate the loss of life and reduce property damage that are caused by natural hazards.

Objective	Activity/Task	Time Frame					Cost	Responsible Party	Notes
		2007	2008	2009	2010	2011			
1. Efforts will be made to provide information about natural hazards and risk reduction to 100% of the citizens that may be affected.	1a. Coordinate a seasonal hazard awareness campaign. Develop brochures and radio/TV spots and include information on the City's website.						60 hrs.City and 60 hrs. County	County EMA and Mayor	Ohio University will be a major focus. Freshman orientation is an opportunity. Utilize information already published by FEMA and Ohio EMA. Include ice and snow removal from sidewalks.
	2. Insure that the Fire Chief and County EMA are adequately linked with a weather monitoring system.						2 hrs.City and 2 hrs. County	County EMA and City fire Chief	
	3. Update the natural hazard risk map to include the wildfire risk.						40 hrs.City and 40 hrs. County	911 and City GIS Coordinator	Time includes use of OU intern
2. Establish methods to coordinate information sharing with Ohio University, Athens County, other municipalities, the business community, and other agencies or organizations	1. Form a natural hazard mitigation committee to implement the Plan.						4 hrs. initial setup plus 180 hrs. of staff time in committee meetings over a five year period	Mayor and County RPC	Meetings will be held quarterly after the committee is organized. It is assumed that some of the same committee members that helped prepare the Plan will stay on as committee members.
	2. Promote development of organization specific/building specific hazard response plans that identify equipment needs and availability and emergency personnel contacts. A template for organizational hazard plans will be created.						40 hrs. setup + 160 hrs. maintenance	County EMA	This process is largely underway through the County EMA.
	3. Coordinate with Corps of Engineers on Tom Jenkins dam water releases during high water periods.						8 hrs.	County RPC	

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	<p>4. Improve communications with utilities by holding four meetings in the first two years and annually thereafter.</p> <p>5. Establish cooperation on Level 3 emergencies.</p> <p>6. Establish an emergency preparedness system for large assemblies of people trapped by a natural disaster.</p>						<p>six employees @ 24 hrs. each</p> <p>4 employees @ 4 hrs. each/total of 16 hrs.</p> <p>20 hrs.City and 20 hrs. County</p>	<p>County EMA &amp; 911</p> <p>County Prosecutor, County Engineer, and County Sheriff</p> <p>Fire Chief, Police Chief, County EMA &amp; 911</p>	<p>The initial four meetings will be utility-specific. Annual meetings will involve all utilities together.</p>
3. Improve the City's ability to notify every citizen of an impending natural hazard and to improve citizen safety during and after a hazard event.	<p>1. Implement a barrier/sign program to designate high water streets prior to a flood event.</p> <p>2. Produce evacuation route mapping with GIS and include modifications on the County map, utilizing Red Cross' evacuation routes.</p> <p>3. Investigate a siren warning system to notify public of impending natural hazard events.</p> <p>4. Explore the use of reverse 911 and an information hotline.</p> <p>5. Utilize GiS to create a vulnerable population database.</p> <p>6. Create an emergency preparedness plan for flash flood areas</p>						<p>40 hrs. + sign costs of \$1000</p> <p>20 hrs. City and 10 hrs. County</p> <p>40 hrs. City and 20 hrs. County</p> <p>already underway, 40 hrs. additional needed + 40 hrs./yr.</p> <p>already underway, 40 hrs. additional needed + 40 hrs./yr. maintenance</p> <p>40 hrs.City and 40 hrs. County</p>	<p>City Street Superintendent</p> <p>County EMA, County RPC, and City Street Superintendent</p> <p>Fire Chief, County EMA, and City Mitigation Committee</p> <p>County 911</p> <p>County EMA and 911</p> <p>Mitigation Committee and County RPC</p>	<p>The Richland Area Volunteer Fire Dept. has a siren.</p> <p>Additional information will be provided through the City's utility billing program.</p>

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4. Maintain the flow-carrying capacity of drainage systems	1. Draft an information brochure regarding stormwater management.						30 hrs. + printing costs of \$500	Utilities Director	
	2a. Form a stormwater utility.						190 hrs. + \$10,000 computer expenses	Service-Safety Director and City Council	Initial research includes mapping. Implementation includes software and billing costs.
	2b. Explore creative solutions for stormwater detention.						20 hrs.	Utilities Director, City Consulting Engineer, and County SWCD	Review Land Development Ordinance to insure that it is current.
	2c. Create and implement a program to monitor trash and debris buildup in drainageways and floodplains.						20 hrs.	Utilities Director	Already being performed to some extent. Combine with mosquito control function.
	2d. Create and implement a program to remove trash and debris from drainageways and floodplains.						20 hrs.	Utilities Director	Already being performed to some extent.
5. Design the built and landscaped environment to minimize loss or damage from natural hazards.	1. Insure the Tree Commission is involved with project landscape plan design early in the process.						2 hrs.	Service-Safety Director	Service-Safety Director to notify Tree Commission when plans are submitted.
	2a. Hold a meeting with design professionals to encourage safe-room design in new homes and to encourage high-wind-resistant siting, retrofitting, and construction for homes.						15 hrs. City and 15 hrs. County	Code Enforcement and County Mitigation Committee	
	2b. Provide an information packet to design professionals.						24 hrs.	County EMA and County Mitigation Committee	
	3. Install phase monitors on wellfield pumps.						40 hrs./yr. + \$100/monitor X 17 monitors	Utilities Director	

6. Utilize data gathered from the AFRRP Program to develop a FEMA mitigation grant applications.  
1. Identify loss structures and develop a mitigation plan.



40 hrs.

Consultant and City Code Office.

Project will likely require a consultant to be paid from a mitigation grant.

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	<p>2. Create a subcommittee of the Natural Hazard Planning Committee to investigate projects that are eligible for mitigation funding.</p> <p>3. Insure salt supplies for snow and ice control are floodproof.</p> <p>4. Explore backup power supply for the wellfield.</p>						<p>40 hrs. Consultant and City Code Office.</p> <p>20 hrs. + architect @ \$5000 + construction @ \$100,000</p> <p>20 hrs. Utilities Director</p>	<p>City Superintendent.</p> <p>Utilities Director</p>	<p>Project will likely require a consultant to be paid from a mitigation grant.</p> <p>Planning process already begun.</p>
7. Review, coordinate, and update codes pertaining to natural hazard planning and risk reduction.	<p>1. Coordinate a review of the land development ordinance in conjunction with the Hocking Conservancy District.</p> <p>2. Review codes with the Tree Commission to see if any additions are needed.</p> <p>3. Consider adopting state model, "higher standard", floodplain regulations.</p>						<p>20 hrs. City and Conservancy District</p> <p>20 hrs. City and Tree Commission</p> <p>20 hrs. City and County</p>	<p>Mitigation Committee and Conservancy District</p> <p>Tree Commission</p> <p>Mitigation Committee and County RPC</p>	<p>The Hocking Conservancy District is concerned that they may be receiving more stormwater runoff due to development. An additional review will be conducted in 2008.</p> <p>An additional review will be conducted in 2008.</p> <p>An additional review will be conducted in 2008.</p>
8. Improve the ability to offer services that were hampered by a natural hazard event.	<p>1. Explore the viability of creating temporary emergency services outside the hazard event area.</p> <p>2. Pick a heliport location and locate routes to a hospital.</p>						<p>40 hrs. Mitigation Committee and Red Cross</p> <p>8 hrs. Fire Chief</p>		