

## #4

INCOMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Friday, December 07, 2018 6:58:42 AM  
**Last Modified:** Friday, December 07, 2018 7:06:57 AM  
**Time Spent:** 00:08:15  
**IP Address:** 66.161.222.105

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## Page 1: Survey Instructions

## Q1 Name and Organization

Name	Karii MacCune
Organization	Clermont County WRD
Title/Position	Operations Supervisor
Email Address	kmaccune@clermontcountyohio.gov

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## Page 2: Goals Survey

Q2 Reduce loss of life and injury from hazard events	Respondent skipped this question
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Q3 Minimize damage to personal and public property	Respondent skipped this question
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Q4 Provide public awareness of potential hazards and mitigation efforts	Respondent skipped this question
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Q5 Update critical facility locations and identify new critical facilities to prevent disruption during and after an event	Respondent skipped this question
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Q6 Identify areas of greatest impact from hazards (e.g. High-water marks, repetitive loss, etc.)	Respondent skipped this question
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Q7 Coordinate mitigation efforts through communication and collaboration between jurisdictions and all departments	Respondent skipped this question
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Q8 Develop plans/programs to identify and reduce a hazard's risk (e.g. Emergency action plans, Power Restoration Plans, etc.)	Respondent skipped this question
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Clermont Co. All-Hazards Mitigation Plan, Goals/Hazard Priority Survey

**Q9** If there is a new goal that should be included, please type that goal below

**Respondent skipped this question**

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Page 3: Hazard Priorities

**Q10** 2014 Hazards

**Respondent skipped this question**

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**Q11** Possible Additional Hazards

**Respondent skipped this question**

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**Q12** Comments

**Respondent skipped this question**

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Page 4: Survey Complete!

**Q13** General Comments

**Respondent skipped this question**

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## #6

**COMPLETE**

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, December 11, 2018 1:37:15 PM  
**Last Modified:** Tuesday, December 11, 2018 1:43:40 PM  
**Time Spent:** 00:06:24  
**IP Address:** 66.161.159.2

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## Page 1: Survey Instructions

**Q1** Name and Organization

Name	Lyle Bloom
Organization	Clermont County Water Resources Dept.
Title/Position	Director
Email Address	lbloom@clermontcountyohio.gov

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## Page 2: Goals Survey

<b>Q2</b> Reduce loss of life and injury from hazard events	Keep goal as written with no modifications
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<b>Q3</b> Minimize damage to personal and public property	Keep goal as written with no modifications
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<b>Q4</b> Provide public awareness of potential hazards and mitigation efforts	Keep goal as written with no modifications
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<b>Q5</b> Update critical facility locations and identify new critical facilities to prevent disruption during and after an event	Keep goal as written with no modifications
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<b>Q6</b> Identify areas of greatest impact from hazards (e.g. High-water marks, repetitive loss, etc.)	Keep goal as written with no modifications
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<b>Q7</b> Coordinate mitigation efforts through communication and collaboration between jurisdictions and all departments	Keep goal as written with no modifications
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## Clermont Co. All-Hazards Mitigation Plan, Goals/Hazard Priority Survey

**Q8** Develop plans/programs to identify and reduce a hazard's risk (e.g. Emergency action plans, Power Restoration Plans, etc.)

Keep goal as written with no modifications

**Q9** If there is a new goal that should be included, please type that goal below

Respondent skipped this question

### Page 3: Hazard Priorities

#### **Q10** 2014 Hazards

Flooding	Highest Priority
Severe Storms	Medium Priority
Tornadoes	Medium Priority
Landslides	Low-Medium Priority
Hazardous Material Accident	Medium Priority
Dam Failure	Medium Priority
Invasive Species	Low-Medium Priority
Utility Failure	Highest Priority
Drought	Medium Priority
Earthquake	Lowest Priority
Winter Storms	Medium Priority

#### **Q11** Possible Additional Hazards

Wildfire	Lowest Priority
Terrorism	Medium-High Priority
Hurricanes/Tropical Storms	N/A
Mine Subsidence	N/A
Extreme Temperatures	Lowest Priority

#### **Q12** Comments

I would consider Hurricanes/Tropical Storms to be Severe Storms

### Page 4: Survey Complete!

#### **Q13** General Comments

Respondent skipped this question



#12

**COMPLETE**

**Collector:** Web Link 1 (Web Link)  
**Started:** Friday, December 28, 2018 9:39:38 AM  
**Last Modified:** Friday, December 28, 2018 9:45:02 AM  
**Time Spent:** 00:05:24  
**IP Address:** 8.21.104.114

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## Page 1: Survey Instructions

**Q1** Name and Organization

Name	CHRIS MEHLMAN
Organization	CLERMONT COUNTY AUDITOR'S OFFICE
Title/Position	DEPUTY AUDITOR
Email Address	CMEHLMAN@CLERMONTCOUNTYOHIO.GOV

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## Page 2: Goals Survey

<b>Q2</b> Reduce loss of life and injury from hazard events	Keep goal as written with no modifications
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<b>Q3</b> Minimize damage to personal and public property	Keep goal as written with no modifications
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<b>Q4</b> Provide public awareness of potential hazards and mitigation efforts	Keep goal as written with no modifications
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<b>Q5</b> Update critical facility locations and identify new critical facilities to prevent disruption during and after an event	Keep goal as written with no modifications
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<b>Q6</b> Identify areas of greatest impact from hazards (e.g. High-water marks, repetitive loss, etc.)	Keep goal as written with no modifications
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<b>Q7</b> Coordinate mitigation efforts through communication and collaboration between jurisdictions and all departments	Keep goal as written with no modifications
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## Clermont Co. All-Hazards Mitigation Plan, Goals/Hazard Priority Survey

**Q8** Develop plans/programs to identify and reduce a hazard's risk (e.g. Emergency action plans, Power Restoration Plans, etc.)

Keep goal as written with no modifications

**Q9** If there is a new goal that should be included, please type that goal below

New Goal 1

DEVELOPMENT OF A POST HAZARD EVALUATION AND ACTION PLAN

### Page 3: Hazard Priorities

#### **Q10** 2014 Hazards

Flooding	Highest Priority
Severe Storms	Medium-High Priority
Tornadoes	Highest Priority
Hazardous Material Accident	Medium-High Priority
Dam Failure	Highest Priority
Invasive Species	Medium Priority
Utility Failure	Medium-High Priority
Drought	Medium Priority
Earthquake	Low-Medium Priority
Winter Storms	Medium-High Priority

#### **Q11** Possible Additional Hazards

Wildfire	Medium Priority
Terrorism	Highest Priority
Hurricanes/Tropical Storms	Medium-High Priority
Mine Subsidence	Low-Medium Priority
Extreme Temperatures	Medium-High Priority

#### **Q12** Comments

Respondent skipped this question

### Page 4: Survey Complete!

#### **Q13** General Comments

Respondent skipped this question

#14

INCOMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 06, 2018 8:49:35 AM  
**Last Modified:** Tuesday, January 22, 2019 3:52:51 PM  
**Time Spent:** Over a month  
**IP Address:** 66.161.222.98

## Page 1: Survey Instructions

## Q1 Name and Organization

Name	<b>Pam Haverkos</b>
Organization	<b>Clermont County EMA</b>
Title/Position	<b>Director</b>
Email Address	<b>phaverkos@clermontcountyohio.gov</b>

## Page 2: Goals Survey

<b>Q2</b> Reduce loss of life and injury from hazard events	<b>Respondent skipped this question</b>
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<b>Q3</b> Minimize damage to personal and public property	<b>Respondent skipped this question</b>
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<b>Q4</b> Provide public awareness of potential hazards and mitigation efforts	<b>Respondent skipped this question</b>
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<b>Q5</b> Update critical facility locations and identify new critical facilities to prevent disruption during and after an event	<b>Respondent skipped this question</b>
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<b>Q6</b> Identify areas of greatest impact from hazards (e.g. High-water marks, repetitive loss, etc.)	<b>Respondent skipped this question</b>
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<b>Q7</b> Coordinate mitigation efforts through communication and collaboration between jurisdictions and all departments	<b>Respondent skipped this question</b>
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<b>Q8</b> Develop plans/programs to identify and reduce a hazard's risk (e.g. Emergency action plans, Power Restoration Plans, etc.)	<b>Respondent skipped this question</b>
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Clermont Co. All-Hazards Mitigation Plan, Goals/Hazard Priority Survey

**Q9** If there is a new goal that should be included, please type that goal below

**Respondent skipped this question**

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Page 3: Hazard Priorities

**Q10** 2014 Hazards

**Respondent skipped this question**

---

**Q11** Possible Additional Hazards

**Respondent skipped this question**

---

**Q12** Comments

**Respondent skipped this question**

---

Page 4: Survey Complete!

**Q13** General Comments

**Respondent skipped this question**

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NAME: *CHRIS CLINGMAN*

JURISDICTION: *PARK DISTRICT*

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>All Hazards</b>							
1. Develop/update back-up power generation capabilities at critical government facilities (e.g. temporary storm safe locations, community EOCs).	N						
2. Develop/update Continuity of Operations Plans	Y	4	3	5	2	14	
3. Provide public education and outreach on disaster preparedness including websites, newsletters, social media, Preparedness Month events, etc.	Y	5	4	5	2	16	<i>WE CAN ASSIST WITH THIS</i>
4. Develop or update Emergency Operation Plans	Y	4	4	5	3	16	
5. Maintain an all-hazard outdoor warning siren system, including repairing, replacing, and upgrading.	N						
6. Continue fire code enforcement activities	N						
7. Update building and zoning codes to limit exposure to or prepare for potential hazards.	N						
<b>Flooding</b>							
1. Improve storm water management system.	N						
2. Identify and study poor draining areas to control flooding.	N						
3. Repair or replace ditching and culverts to control flooding.	N						
4. Continue to identify and study riverbank stabilization opportunities.	Y	3	3	5	3	14	<i>HAYDA ASSESS OWN PROPERTY ONCE FUNDING</i>
5. Provide mitigation option guidance to property owners of Repetitive Loss and Severely Repetitive Loss Structures, such as acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	N						
6. Continue to implement floodplain regulations.	N						
7. Encourage residents in flood prone areas to purchase flood insurance.	N						
<b>Severe Storms</b>							
1. A public education campaign on having multiple means to receive severe weather notifications, such as weather radios, smart phone apps, social media feeds, and/or registration for mass notification systems.	N						
2. Create a Standard Operating Guideline for the timely clearing of roads from debris caused by severe storms.	N						
3. Maintain StormReady Certification	N						
4. Adopting new or amend existing ordinances to include guidelines on building construction, surge and lightning protection, roofing shingles, and backup power devices.	N						





## NEW MITIGATION ACTIONS SCORING MATRIX

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>Tornadoes</b>							
1. Adopt stronger construction standards to address high winds and tornadoes.	N						
2. Promote the Ohio Safe Room Rebate Program for the construction and installation of residential safe rooms.	N						
3. Require tie-downs for manufactured homes placed on land in Clermont County and its municipalities.	N						
4. Identify tornado safe locations for residents to seek shelter during tornadoes/high wind events, through coordination with local municipalities.	N						SOME RESIDENTS IN PARAS WALK DISTANCE INTO BL FEMA AS SAFE SPOT
<b>Hazardous Materials Accidents</b>							
1. Develop a Wellhead Protection Plan	N						
2. Organize an annual drill to prepare for a disaster involving hazardous materials.	N						
3. Report what hazardous materials are being handled on-site and amounts according to regulation.	N						
4. Update commodity flow study to identify types and volume of hazardous materials transported via river, pipeline, truck, rail, and plane.	N						
<b>Utility Failure</b>							
1. Tree trimming in right of ways along utility lines	N						
2. Work with local utilities to ensure that construction requirements include burying/protecting power lines, designed-failure, and tree management.	N						
<b>Winter Storms</b>							
1. Provide public education on winter weather safety, including family/traveler emergency preparedness, driver safety, and animal protection.	N						
2. Review local codes and ordinances, and modify as needed, to reduce the possibility of damage from winter storms.	N						
3. Prepare local government for severe winter storms by utilizing snow fences to limit blowing and drifting of snow over critical roadway segments.	N						
<b>Dam Failure</b>							
1. Coordinate with ODNR to implement Dam Safety Program	N						
2. Ensure dam owners develop/update their dam safety plan	N						
3. Ensure dam owners are prepared to respond should their dam fail	N						
4. Identify downstream risk should dam failure occur	N						
5. Coordinate with local communities to ensure they understand risk to dam failures and the impact it would have on their community.	N						





## NEW MITIGATION ACTIONS SCORING MATRIX

Hazard & Associated Mitigation Action	Applicable to Your Jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>Terrorism</b>							
1. Encourage critical infrastructure to implement protective measures at their facilities.							
2. Continue to refine emergency operation plans to respond to and recover from potential acts of terrorism.	—						
3. Encourage government agencies to review and update emergency plans, communications procedures, and continuity of operation plans.	✓	4	5	3	16		
4. Coordinate with local law enforcement to ensure the safety of large public gathering events.	✓	5	5	4	14		
5. Provide guidance to schools, churches, government agencies, health care facilities, and other critical facilities on improving protection, preparedness, response, and recovery activities to an active aggressor threat.	N						
<b>Landslides</b>							
1. Develop a map of landslide prone areas.	N						
2. Develop a slide-prone area ordinance to limit fill or dumping and address drainage or other landslide related problems.	N						
3. Develop drainage control regulations to reduce the risk of landslides resulting from saturated soils.	N						
4. Develop grading ordinances which require developers and landowners to obtain permits prior to filling or regrading.	N						
5. Implement Sanitary System Codes to reduce the effect of drainage on landslides by limiting the type and location of sanitary systems.	N						
6. Consider relocation of structures to less hazardous locations.	N						
7. Consider acquisition of land and structures and enforce permanent restrictions on development.	N						Costs own hazard level
8. Implement Restraining Structures to hold soil in place.	N						
9. Implement Debris-Flow Measures, such as stabilization, energy dissipation, and flow control measures, to reduce damage in sloping areas.	N						
10. Implement Grading to increase slope stability.	N						
11. Consider Vegetation Placement and Management Plans to increase soil stability.	N						
12. Consider placement of utilities. (Placing utilities outside of landslide areas decreases the risk of service disruption.)	N						
13. Implement Abatement Districts to pool resources to mitigate common hazards.	N						





## NEW MITIGATION ACTIONS SCORING MATRIX

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>Invasive Species</b>							
1. Implement an invasive species education program that covers associated hazards, identification, behavior, and quarantine procedures.	Y	4	4	5	4	17	
2. Share information with the public that explains the importance of not importing or exporting firewood.	Y	4	4	5	4	17	
3. Collaborate with wildlife managers, agricultural producers, and hunters to develop an action plan to address feral swine in Clermont County.	N						
4. Work with agricultural producers to monitor and minimize nutrient runoff in order to prevent Harmful Algal Blooms.	N						
<b>Extreme Temperatures</b>							
1. Provide guidance and resources for vulnerable populations during extreme temperature events.	N						
2. Provide guidance and resources on utility assistance programs.	N						
<b>Drought</b>							
1. Encourage property owners to prepare for droughts by installing equipment that reduces water use.	N						
2. Develop water storage plans, water use ordinances, contingency plans, and water delivery systems in water utility operating plans.	N						
3. Encourage farmers to purchase crop insurance.	N						
<b>Wildfire</b>							
1. Implement outreach efforts to promote fire safe construction.	N						
2. Promote public education on smoking hazards and recreational fire risks.	N						
3. Provide public education on extreme fire danger and red flag warnings, including what it means and what actions to take when it is issued.	N						
4. Develop public education materials on when and where open burning is permissible, and when a permit is required.	N						
5. Review and update local codes and ordinances to reduce the risk and effects of wildfire.	N						
<b>Earthquakes</b>							
1. Ensure building codes and ordinances address earthquakes, such as buildings as structural hazards, non-structural hazards, infrastructure hardening, bridge strengthening, and amend as needed.	N						
2. Use community outreach activities to foster an awareness of earthquake mitigation activities in homes, schools, and businesses.	N						
3. Work with insurance industry representatives to increase public awareness of the importance of earthquake insurance for home and building owners.	N						



[illegible]



NAME: Nickie Dickman

JURISDICTION: Clermont County Public Health

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>All Hazards</b>							
1. Develop/update back-up power generation capabilities at critical government facilities (e.g. temporary storm safe locations, community EOCs).	yes	5	5	3	1	5	existing plans
2. Develop/update Continuity of Operations Plans	yes	5	5	3	1	5	existing plans
3. Provide public education and outreach on disaster preparedness including websites, newsletters, social media, Preparedness Month events, etc.	yes	5	5	3	1	5	existing plans
4. Develop or update Emergency Operation Plans	yes	5	5	3	1	5	existing plans
5. Maintain an all-hazard outdoor warning siren system, including repairing, replacing, and upgrading.	no						
6. Continue fire code enforcement activities	no						
7. Update building and zoning codes to limit exposure to or prepare for potential hazards.	no						Deleted
<b>Flooding</b>							
1. Improve storm water management system.	no						
2. Identify and study poor draining areas to control flooding.	no						
3. Repair or replace ditching and culverts to control flooding.	no						
4. Continue to identify and study riverbank stabilization opportunities.	no						
5. Provide mitigation option guidance to property owners of Repetitive Loss and Severely Repetitive Loss Structures, such as acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	no	3	3	3	2	3	
6. Continue to implement floodplain regulations.	no						
7. Encourage residents in flood prone areas to purchase flood insurance.	no						
<b>Severe Storms</b>							
1. A public education campaign on having multiple means to receive severe weather notifications, such as weather radios, smart phone apps, social media feeds, and/or registration for mass notification systems.	yes	3	4	5	3	4	
2. Create a Standard Operating Guideline for the timely clearing of roads from debris caused by severe storms.	no						
3. Maintain StormReady Certification	no						
4. Adopting new or amend-existing ordinances to include guidelines on building construction, surge and lightning protection, roofing shingles, and backup power devices.	no						Deleted





## NEW MITIGATION ACTIONS SCORING MATRIX

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>Tornadoes</b>							
1. Adopt stronger construction standards to address high winds and tornadoes.	NO						Deleted
2. Promote the Ohio Safe Room Rebate Program for the construction and installation of residential safe rooms.	NO						
3. Require tie-downs for manufactured homes placed on land in Clermont County and its municipalities.	NO						Deleted
4. Identify tornado safe locations for residents to seek shelter during tornadoes/high wind events, through coordination with local municipalities.	NO						Re-word
<b>Hazardous Materials Accidents</b>							
1. Develop a Wellhead Protection Plan	NO						
2. Organize an annual drill to prepare for a disaster involving hazardous materials.	YES	4	3	2	2	1	LEPC?
3. Report what hazardous materials are being handled on-site and amounts according to regulation.	YES	4	3	2	2	1	Report to Ohio EPA/LEPC
4. Update commodity flow study to identify types and volume of hazardous materials transported via river, pipeline, truck, rail, and plane.	NO						
<b>Utility Failure</b>							
1. Tree trimming in right of ways along utility lines	NO						
2. Work with local utilities to ensure that construction requirements include burying/protecting power lines, designed failure, and tree management.	NO						Deleted
<b>Winter Storms</b>							
1. Provide public education on winter weather safety, including family/traveler emergency preparedness, driver safety, and animal protection.	YES	5	5	5	3	5	Social media
2. Review local codes and ordinances, and modify as needed, to reduce the possibility of damage from winter storms.	NO						Deleted
3. Prepare local government for severe winter storms by utilizing snow fences to limit blowing and drifting of snow over critical roadway segments.	NO						Deleted
<b>Dam Failure</b>							
1. Coordinate with ODNR to implement Dam Safety Program	NO						
2. Ensure dam owners develop/update their dam safety plan	NO						
3. Ensure dam owners are prepared to respond should their dam fail	NO						
4. Identify downstream risk should dam failure occur	NO						
5. Coordinate with local communities to ensure they understand risk to dam failures and the impact it would have on their community.	NO						





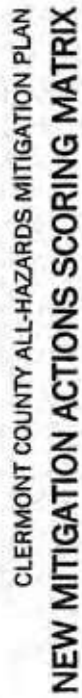
## NEW MITIGATION ACTIONS SCORING MATRIX

Hazard & Associated Mitigation Action	Applicable to Your Jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>Terrorism</b>							
1. Encourage critical infrastructure to implement protective measures at their facilities.	Yes	5	5	5	5	5	
2. Continue to refine emergency operation plans to respond to and recover from potential acts of terrorism.	Yes	5	5	5	5	5	Deleted
3. Encourage government agencies to review and update emergency plans, communications procedures, and continuity of operation plans.	Yes	5	5	5	5	5	Deleted
4. Coordinate with local law enforcement to ensure the safety of large public gathering events.	Yes	5	5	5	5	5	
5. Provide guidance to schools, churches, government agencies, health care facilities, and other critical facilities on improving protection, preparedness, response, and recovery activities to an active aggressor threat.	Yes	5	5	5	5	5	
<b>Landslides</b>							
1. Develop a map of landslide prone areas.	NO						
2. Develop a slide-prone area ordinance to limit fill or dumping and address drainage or other landslide related problems.	NO						
3. Develop drainage control regulations to reduce the risk of landslides resulting from saturated soils.	NO						
4. Develop grading ordinances which require developers and landowners to obtain permits prior to filling or regrading.	NO						
5. Implement Sanitary System Codes to reduce the effect of drainage on landslides by limiting the type and location of sanitary systems. (ask Bob)	Yes	4	3	2	2	3	
6. Consider relocation of structures to less hazardous locations.	NO						
7. Consider acquisition of land and structures and enforce permanent restrictions on development.	NO						
8. Implement Restraining Structures to hold soil in place.	NO						
9. Implement Detritus-Flow Measures, such as stabilization, energy dissipation, and flow control measures, to reduce damage in sloping areas.	NO						
10. Implement Grading to increase slope stability.	NO						
11. Consider Vegetation Placement and Management Plans to increase soil stability.	NO						
12. Consider placement of utilities. (Placing utilities outside of landslide areas decreases the risk of service disruption.)	NO						
13. Implement Abatement Districts to pool resources to mitigate common hazards.	NO						





Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>Invasive Species</b>							
1. Implement an invasive species education program that covers associated hazards, identification, behavior, and quarantine procedures.	yes	3	3	2	2	2	
2. Share information with the public that explains the importance of not importing or exporting firewood.	yes	2	2	2	2	2	OD A
3. Collaborate with wildlife managers, agricultural producers, and hunters to develop an action plan to address feral swine in Clermont County.	yes						Deleted
4. Work with agricultural producers to monitor and minimize nutrient runoff in order to prevent Harmful Algal Blooms.	yes	3	3	2	3	3	
<b>Extreme Temperatures</b>							
1. Provide guidance and resources for vulnerable populations during extreme temperature events.	yes	4	3	3	3	3	
2. Provide guidance and resources on utility assistance programs.	yes	4	3	3	3	3	
<b>Drought</b>							
1. Encourage property owners to prepare for droughts by installing equipment that reduces water use.	ND						
2. Develop water storage plans, water use ordinances, contingency plans, and water delivery systems in water utility operating plans.	ND						
3. Encourage farmers to purchase crop insurance.	ND						
<b>Wildfire</b>							
1. Implement outreach efforts to promote fire safe construction.	ND						Deleted
2. Promote public education on smoking hazards and recreational fire risks.	yes						
3. Provide public education on extreme fire danger and red flag warnings, including what it means and what actions to take when it is issued.	ND						
4. Develop public education materials on when and where open burning is permissible, and when a permit is required.	ND						Deleted
5. Review and update local codes and ordinances to reduce the risk and effects of wildfire.	ND						Deleted
<b>Earthquakes</b>							
1. Ensure building codes and ordinances address earthquakes, such as buildings as structural hazards, non-structural hazards, infrastructure hardening, bridge strengthening, and amend as needed.	ND						
2. Use community outreach activities to foster an awareness of earthquake mitigation activities in homes, schools, and businesses.	yes	2	2	2	1	3	
3. Work with insurance industry representatives to increase public awareness of the importance of earthquake insurance for home and building owners.	ND						

[illegible]





CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN  
NEW MITIGATION ACTIONS SCORING MATRIX

NAME: Carol Lampert

JURISDICTION: CLERMONT COUNTY BUILDING DEPARTMENT

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>All Hazards</b>							
1. Develop/update back-up power generation capabilities at critical government facilities (e.g. temporary storm safe locations, community EOCs). <u>County Building Department</u>	Y	?	S	N/A	S	S	
2. Develop/update Continuity of Operations Plans	Y	N/A	S	N/A	S	1	
3. Provide public education and outreach on disaster preparedness including websites, newsletters, social media, Preparedness Month events, etc.	Y	1	S	S	1	1	
4. Develop or update Emergency Operation Plans	N						
5. Maintain an all-hazard outdoor warning siren system, including repairing, replacing, and upgrading.	<del>Y</del>	<del>S</del>	<del>S</del>	<del>S</del>	<del>S</del>	<del>S</del>	
6. Continue fire code enforcement activities <u>AND BUILDING CODE ENFORCEMENT</u>	Y	S	S	S	S	S	- NUMBER OPENING
7. Update building and zoning codes to limit exposure to or prepare for potential hazards.	Y	S	S	S	S	S	- STATE OF THE ARTIST AND NO LOCAL MODIFICATION
<b>Flooding</b>							
1. Improve storm water management system.	N						
2. Identify and study poor draining areas to control flooding.	N						
3. Repair or replace ditching and culverts to control flooding.	N						
4. Continue to identify and study riverbank stabilization opportunities.	N						
5. Provide mitigation option guidance to property owners of Repetitive Loss and Severely Repetitive Loss Structures, such as acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	N	S	S	-	-	-	
6. Continue to implement floodplain regulations. <u>ENFORCEMENT</u>	Y	S	S	S	S	S	
7. Encourage residents in flood prone areas to purchase flood insurance.	N						
<b>Severe Storms</b>							
1. A public education campaign on having multiple means to receive severe weather notifications, such as weather radios, smart phone apps, social media feeds, and/or registration for mass notification systems.	Y	S	S	S	S	S	BMA/OPI
2. Create a Standard Operating Guideline for the timely clearing of roads from debris caused by severe storms.	N						
3. Maintain StormReady Certification - <u>ARE WE NOW? YES</u>	<del>Y</del>						
4. Adopting new or amend existing ordinances to include guidelines on building construction, surge and lightning protection, roofing shingles, and backup power devices. ??	N						NO LOCAL MODIFICATION TO BLD CODE





## NEW MITIGATION ACTIONS SCORING MATRIX

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>Tornadoes</b>							
1. Adopt stronger construction standards to address high winds and tornadoes.	2						in local jurisdiction
2. Promote the Ohio Safe Room Rebate Program for the construction and installation of residential safe rooms.	2						difficult - OPI
3. Require tie-downs for manufactured homes placed on land in Clermont County and its municipalities.	2						Rebut
4. Identify tornado safe locations for residents to seek shelter during tornadoes/high wind events, through coordination with local municipalities.	2	?	5	-	5	5	difficult -
<b>Hazardous Materials Accidents</b>							
1. Develop a Wellhead Protection Plan	2						
2. Organize an annual drill to prepare for a disaster involving hazardous materials.	2						
3. Report what hazardous materials are being handled on-site and amounts according to regulation.	2						
4. Update commodity flow study to identify types and volume of hazardous materials transported via river, pipeline, truck, rail, and plane.	2						
<b>Utility Failure</b>							
1. Tree trimming in right of ways along utility lines	2						
2. Work with local utilities to ensure that construction requirements include burying/protecting power lines, designed-failure, and tree management.	2						state address
<b>Winter Storms</b>							
1. Provide public education on winter weather safety, including family/traveler emergency preparedness, driver safety, and animal protection.	2	5	5	5	2	?	OPI/DMA
2. Review local codes and ordinances, and modify as needed, to reduce the possibility of damage from winter storms.	2						SNOW
3. Prepare local government for severe winter storms by utilizing snow fences to limit blowing and drifting of snow over critical roadway segments.	2						
<b>Dam Failure</b>							
1. Coordinate with ODNR to implement Dam Safety Program	2						
2. Ensure dam owners develop/update their dam safety plan	2						
3. Ensure dam owners are prepared to respond should their dam fail	2						How
4. Identify downstream risk should dam failure occur	2						
5. Coordinate with local communities to ensure they understand risk to dam failures and the impact it would have on their community.	2						





CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN  
NEW MITIGATION ACTIONS SCORING MATRIX

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>Terrorism</b>							
1. Encourage critical infrastructure to implement protective measures at their facilities.	2						
2. Continue to refine emergency operation plans to respond to and recover from potential acts of terrorism.	2						
3. Encourage government agencies to review and update emergency plans, communications procedures, and continuity of operation plans.	2						
4. Coordinate with local law enforcement to ensure the safety of large public gathering events.	2						
5. Provide guidance to schools, churches, government agencies, health care facilities, and other critical facilities on improving protection, preparedness, response, and recovery activities to an active aggressor threat.	2						
<b>Landslides</b>							
1. Develop a map of landslide prone areas.	2						
2. Develop a slide-prone area ordinance to limit fill or dumping and address drainage or other landslide related problems.	2						
3. Develop drainage control regulations to reduce the risk of landslides resulting from saturated soils.	2						
4. Develop grading ordinances which require developers and landowners to obtain permits prior to filling or regrading.	2						
5. Implement Sanitary System Codes to reduce the effect of drainage on landslides by limiting the type and location of sanitary systems.	2						Have m/s.
6. Consider relocation of structures to less hazardous locations.	2						
7. Consider acquisition of land and structures and enforce permanent restrictions on development.	2						
8. Implement Restraining Structures to hold soil in place.	2						
9. Implement Debris-Flow Measures, such as stabilization, energy dissipation, and flow control measures, to reduce damage in sloping areas.	2						
10. Implement Grading to increase slope stability.	2						
11. Consider Vegetation Placement and Management Plans to increase soil stability.	2						
12. Consider placement of utilities. (Placing utilities outside of landslide areas decreases the risk of service disruption.)	2						
13. Implement Abatement Districts to pool resources to mitigate common hazards.	2						





Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>Invasive Species</b>							
1. Implement an invasive species education program that covers associated hazards, identification, behavior, and quarantine procedures.	2						DP1
2. Share information with the public that explains the importance of not importing or exporting firewood?	2						
3. Collaborate with wildlife managers, agricultural producers, and hunters to develop an action plan to address feral swine in Clermont County.	2						
4. Work with agricultural producers to monitor and minimize nutrient runoff in order to prevent Harmful Algal Blooms.	X						
<b>Extreme Temperatures</b>							
1. Provide guidance and resources for vulnerable populations during extreme temperature events.	2						DP1
2. Provide guidance and resources on utility assistance programs.	2						
<b>Drought</b>							
1. Encourage property owners to prepare for droughts by installing equipment that reduces water use.	2						
2. Develop water storage plans, water use ordinances, contingency plans, and water delivery systems in water utility operating plans.	2						
3. Encourage farmers to purchase crop insurance.	2						
<b>Wildfire</b>							
1. Implement outreach efforts to promote fire safe construction.	2						
2. Promote public education on smoking hazards and recreational fire risks.	X						
3. Provide public education on extreme fire danger and red flag warnings, including what it means and what actions to take when it is issued.	2						
4. Develop public education materials on when and where open burning is permissible, and when a permit is required.	2						
5. Review and update local codes and ordinances to reduce the risk and effects of wildfire. ? How.	2						
<b>Earthquakes</b>							
1. Ensure building codes and ordinances address earthquakes, such as buildings as structural hazards, non-structural hazards, infrastructure hardening, bridge strengthening, and amend as needed.	2						They do.
2. Use community outreach activities to foster an awareness of earthquake mitigation activities in homes, schools, and businesses.	2						
3. Work with insurance industry representatives to increase public awareness of the importance of earthquake insurance for home and building owners.	2						

[illegible]



CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN  
NEW MITIGATION ACTIONS SCORING MATRIX

NAME: Kathleen Williams

JURISDICTION: Office of Public Info, Clermont County

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>All Hazards</b>							
1. Develop/update back-up power generation capabilities at critical government facilities (e.g. temporary storm safe locations, community EOCs).	NO	?	?				
2. Develop/update Continuity of Operations Plans	YES	5	5				
3. Provide public education and outreach on disaster preparedness including websites, newsletters, social media, Preparedness Month events, etc.	YES	5	5	5	?	?	we do this year in Clermont County
4. Develop or update Emergency Operation Plans	NO	5	5				
5. Maintain an all-hazard outdoor warning siren system, including repairing, replacing, and upgrading	NO	5	5				
6. Continue fire code enforcement activities	YES	5	5				
7. Update building and zoning codes to limit exposure to or prepare for potential hazards.	NO	5	5				
<b>Flooding</b>							
1. Improve storm water management system.	NO						
2. Identify and study poor draining areas to control flooding.							
3. Repair or replace ditching and culverts to control flooding.							
4. Continue to identify and study riverbank stabilization opportunities.							
5. Provide mitigation option guidance to property owners of Repetitive Loss and Severely Repetitive Loss Structures, such as acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.							
6. Continue to implement floodplain regulations.							
7. Encourage residents in flood prone areas to purchase flood insurance.	✓						
<b>Severe Storms</b>							
1. A public education campaign on having multiple means to receive severe weather notifications, such as weather radios, smart phone apps, social media feeds, and/or registration for mass notification systems.	YES	5	5	5	5	?	will update with new mass notification system
2. Create a Standard Operating Guideline for the timely clearing of roads from debris caused by severe storms.	NO						
3. Maintain Storm Ready Certification	✓						
4. Adopting new or amend existing ordinances to include guidelines on building construction, surge and lightning protection, roofing shingles, and backup power devices.							





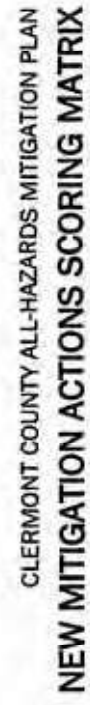
Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>Tornadoes</b>							
1. Adopt stronger construction standards to address high winds and tornadoes.	<del>NO</del>						
2. Promote the Ohio Safe Room Rebate Program for the construction and installation of residential safe rooms.	YES						
3. Require tie-downs for manufactured homes placed on land in Clermont County and its municipalities.	NO						
4. Identify tornado safe locations for residents to seek shelter during tornadoes/high wind events, through coordination with local municipalities.	NO						
<b>Hazardous Materials Accidents</b>							
1. Develop a Wellhead Protection Plan	NO						
2. Organize an annual drill to prepare for a disaster involving hazardous materials.							
3. Report what hazardous materials are being handled on-site and amounts according to regulation.							
4. Update commodity flow study to identify types and volume of hazardous materials transported via river, pipeline, truck, rail, and plane.	✓						
<b>Utility Failure</b>							
1. Tree trimming in right of ways along utility lines	NO						
2. Work with local utilities to ensure that construction requirements include burying/protecting power lines, designated failure, and tree management.	✓						
<b>Winter Storms</b>							
1. Provide public education on winter weather safety, including family/traveler emergency preparedness, driver safety, and animal protection.	YES						
2. Review local codes and ordinances, and modify as needed to reduce the possibility of damage from winter storms.							
3. Prepare local government for severe winter storms by utilizing snow fences to limit blowing and drifting of snow over critical roadway segments.							
<b>Dam Failure</b>							
1. Coordinate with ODNR to implement Dam Safety Program	NO						
2. Ensure dam owners develop/update their dam safety plan							
3. Ensure dam owners are prepared to respond should their dam fail							
4. Identify downstream risk should dam failure occur							
5. Coordinate with local communities to ensure they understand risk to dam failures and the impact it would have on their community.	✓						



Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>Terrorism</b>							
1. Encourage critical infrastructure to implement protective measures at their facilities.	NO						
2. <del>Continually refine emergency operation plans to respond to and recover from potential acts of terrorism.</del>							
3. Encourage government agencies to review and update emergency plans, communications procedures, and continuity of operation plans.							
4. Coordinate with local law enforcement to ensure the safety of large public gathering events.							
5. Provide guidance to schools, churches, government agencies, health care facilities, and other critical facilities on improving protection, preparedness, response, and recovery activities to an active aggressor threat.							
<b>Landslides</b>							
1. Develop a map of landslide prone areas.	NO						
2. Develop a slide-prone area ordinance to limit fill or dumping and address drainage or other landslide related problems.							
3. Develop drainage control regulations to reduce the risk of landslides resulting from saturated soils.							
4. Develop grading ordinances which require developers and landowners to obtain permits prior to filling or regrading.							
5. Implement Sanitary System Codes to reduce the effect of drainage on landslides by limiting the type and location of sanitary systems.							
6. Consider relocation of structures to less hazardous locations.							
7. Consider acquisition of land and structures and enforce permanent restrictions on development.							
8. Implement Restraining Structures to hold soil in place.							
9. Implement Debris-Flow Measures, such as stabilization, energy dissipation, and flow control measures, to reduce damage in sloping areas.							
10. Implement Grading to increase slope stability.							
11. Consider Vegetation Placement and Management Plans to increase soil stability.							
12. Consider placement of utilities. (Placing utilities outside of landslide areas decreases the risk of service disruption.)							
13. Implement Abatement Districts to pool resources to mitigate common hazards.							



Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>Invasive Species</b>							
1. Implement an invasive species education program that covers associated hazards, identification, behavior, and quarantine procedures.							
2. Share information with the public that explains the importance of not importing or exporting firewood.	yes						
3. Collaborate with wildfire managers, agricultural producers, and hunters to develop an action plan to address feral swine in Clermont County.							
4. Work with agricultural producers to monitor and minimize nutrient runoff in order to prevent Harmful Algal Blooms.							
<b>Extreme Temperatures</b>							
1. Provide guidance and resources for vulnerable populations during extreme temperature events.	yes						
2. Provide guidance and resources on utility assistance programs.							
<b>Drought</b>							
1. Encourage property owners to prepare for droughts by installing equipment that reduces water use.	yes						
2. Develop water storage plans, water use ordinances, contingency plans, and water delivery systems in water utility operating plans.							
3. Encourage farmers to purchase crop insurance.							
<b>Wildfire</b>							
1. Implement outreach efforts to promote fire safe construction.							
2. Promote public education on smoking hazards and recreational fire risks.	yes						
3. Provide public education on extreme fire danger and red flag warnings, including what it means and what actions to take when it is issued.							
4. Develop public education materials on when and where open burning is permissible, and when a permit is required.							
5. Review and update local codes and ordinances to reduce the risk and effects of wildfire.							
<b>Earthquakes</b>							
1. Ensure building codes and ordinances address earthquakes, such as buildings as structural hazards, non-structural hazards, infrastructure hardening, bridge strengthening, and amend as needed.							
2. Use community outreach activities to foster an awareness of earthquake mitigation activities in homes, schools, and businesses.							
3. Work with insurance industry representatives to increase public awareness of the importance of earthquake insurance for home and building owners.							

[illegible]





NAME: Doug Baumgartner JURISDICTION: Clermont County EMA

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>All Hazards</b>							
1. Develop/update back-up power generation capabilities at critical government facilities (e.g. temporary storm safe locations, community EOCs).	Y	4	4	4	4	4	
2. Develop/update Continuity of Operations Plans	Y	5	5	5	5	3	
3. Provide public education and outreach on disaster preparedness including websites, newsletters, social media, Preparedness Month events, etc.	Y	5	5	5	2	3	
4. Develop or update Emergency Operation Plans	Y	5	5	5	4	3	
5. Maintain an all-hazard outdoor warning siren system, including repairing, replacing, and upgrading.	Y	3	3	5	5	43	
6. Continue fire code enforcement activities	N						
7. Update building and zoning codes to limit exposure to or prepare for potential hazards.	N	5	5	5	5	5	
<b>Flooding</b>							
1. Improve storm water management system.	Y	3					
2. Identify and study poor draining areas to control flooding.	Y						
3. Repair or replace ditching and culverts to control flooding.	Y						
4. Continue to identify and study riverbank stabilization opportunities.	Y						
5. Provide mitigation option guidance to property owners of Repetitive Loss and Severely Repetitive Loss Structures, such as acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	Y						
6. Continue to implement floodplain regulations.	Y	5	3	5	3	3	
7. Encourage residents in flood prone areas to purchase flood insurance.	Y	3	5	5	5	4	
<b>Severe Storms</b>							
1. A public education campaign on having multiple means to receive severe weather notifications, such as weather radios, smart phone apps, social media feeds, and/or registration for mass notification systems.	Y	5	5	5	4	3	
2. Create a Standard Operating Guideline for the timely clearing of roads from debris caused by severe storms.	Y	5	5	5	4	3	
3. Maintain StormReady Certification	Y	5	5	5	2	3	
4. Adopting new or amend existing ordinances to include guidelines on building construction, surge and lightning protection, roofing shingles, and backup power devices.	N						

Not my area of expertise - my opinion would be full of inaccurate speculations





Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>Tornadoes</b>							
1. Adopt stronger construction standards to address high winds and tornadoes.	N						
2. Promote the Ohio Safe Room Rebate Program for the construction and installation of residential safe rooms.	Y	5	5	5	3	3	
3. Require tie-downs for manufactured homes placed on land in Clermont County and its municipalities.	N						
4. Identify tornado safe locations for residents to seek shelter during tornadoes/high wind events, through coordination with local municipalities.	Y	5	2	5	3	2	
<b>Hazardous Materials Accidents</b>							
1. Develop a Wellhead Protection Plan	N?						
2. Organize an annual drill to prepare for a disaster involving hazardous materials.	Y	5	5	5	3	2	
3. Report what hazardous materials are being handled on-site and amounts according to regulation.	Y	5	5	5	2	1	
4. Update commodity flow study to identify types and volume of hazardous materials transported via river, pipeline, truck, rail, and plane.	Y	1	1	5	2	1	
<b>Utility Failure</b>							
1. Tree trimming in right of ways along utility lines	Y	2	5	5	5	3	Encourage citizens to report to utility company.
2. Work with local utilities to ensure that construction requirements include burying/protecting power lines, designed-failure, and tree management.	N						
<b>Winter Storms</b>							
1. Provide public education on winter weather safety, including family/traveler emergency preparedness, driver safety, and animal protection.	Y	5	5	5	3	2	
2. Review local codes and ordinances, and modify as needed, to reduce the possibility of damage from winter storms.	N						
3. Prepare local government for severe winter storms by utilizing snow fences to limit blowing and drifting of snow over critical roadway segments.	Y	3	3	5	3	2	
<b>Dam Failure</b>							
1. Coordinate with ODNR to implement Dam Safety Program	Y	2	2	?	1	1	
2. Ensure dam owners develop/update their dam safety plan	Y	4	?	4	1	1	Cannot force - change to "Encourage"
3. Ensure dam owners are prepared to respond should their dam fail	Y	4	?	4	1	1	" " " "
4. Identify downstream risk should dam failure occur	Y	5	5	5	1	1	
5. Coordinate with local communities to ensure they understand risk to dam failures and the impact it would have on their community.	Y	5	5	5	1	1	





CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN  
NEW MITIGATION ACTIONS SCORING MATRIX

Hazard & Associated Mitigation Action	Applicable to Your Jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>Terrorism</b>							
1. Encourage critical infrastructure to implement protective measures at their facilities.	Y	2	1	2	2	1	
2. Continue to refine emergency operation plans to respond to and recover from potential acts of terrorism.	Y	5	5	5	2	1	
3. Encourage government agencies to review and update emergency plans, communications procedures, and continuity of operation plans.	Y	5	5	5	2	1	
4. Coordinate with local law enforcement to ensure the safety of large public gathering events.	N						
5. Provide guidance to schools, churches, government agencies, health care facilities, and other critical facilities on improving protection, preparedness, response, and recovery activities to an active aggressor threat.	Y	3	3	5	1	2	
<b>Landslides</b>							
1. Develop a map of landslide prone areas.	Y						
2. Develop a slide-prone area ordinance to limit fill or dumping and address drainage or other landslide related problems.	Y						
3. Develop drainage control regulations to reduce the risk of landslides resulting from saturated soils.	Y						
4. Develop grading ordinances which require developers and landowners to obtain permits prior to filling or regrading.	Y						
5. Implement Sanitary System Codes to reduce the effect of drainage on landslides by limiting the type and location of sanitary systems.	Y						
6. Consider relocation of structures to less hazardous locations.	Y						
7. Consider acquisition of land and structures and enforce permanent restrictions on development.	Y						
8. Implement Restraining Structures to hold soil in place.	Y						
9. Implement Debris-Flow Measures, such as stabilization, energy dissipation, and flow control measures, to reduce damage in sloping areas.	Y						
10. Implement Grading to increase slope stability.	Y						
11. Consider Vegetation Placement and Management Plans to increase soil stability.	Y						
12. Consider placement of utilities. (Placing utilities outside of landslide areas decreases the risk of service disruption.)	Y						
13. Implement Abatement Districts to pool resources to mitigate common hazards.	Y						

Outside my area of expertise.



# NEW MITIGATION ACTIONS SCORING MATRIX

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>Invasive Species</b>							
1. Implement an invasive species education program that covers associated hazards, identification, behavior, and quarantine procedures.	Y?	5	3	5	2	1	
2. Share information with the public that explains the importance of not importing or exporting firewood.	Y	5	5	5	3	2	
3. Collaborate with wildlife managers, agricultural producers, and hunters to develop an action plan to address feral swine in Clermont County.	N?						
4. Work with agricultural producers to monitor and minimize nutrient runoff in order to prevent Harmful Algal Blooms.	N?						
<b>Extreme Temperatures</b>							
1. Provide guidance and resources for vulnerable populations during extreme temperature events.	Y	2	2	5	2	1	Unknown how to rate
2. Provide guidance and resources on utility assistance programs.	NY						
<b>Drought</b>							
1. Encourage property owners to prepare for droughts by installing equipment that reduces water use.	Y	5	5	5	1	1	
2. Develop water storage plans, water use ordinances, contingency plans, and water delivery systems in water utility operating plans.	Y						don't know how to rate
3. Encourage farmers to purchase crop insurance.	N						
<b>Wildfire</b>							
1. Implement outreach efforts to promote fire safe construction.	Y	5	5	5	2	1	
2. Promote public education on smoking hazards and recreational fire risks.	N						
3. Provide public education on extreme fire danger and red flag warnings, including what it means and what actions to take when it is issued.	N						
4. Develop public education materials on when and where open burning is permissible, and when a permit is required.	N						
5. Review and update local codes and ordinances to reduce the risk and effects of wildfire.	N						
<b>Earthquakes</b>							
1. Ensure building codes and ordinances address earthquakes, such as buildings as structural hazards, non-structural hazards, infrastructure hardening, bridge strengthening, and amend as needed.	N						
2. Use community outreach activities to foster an awareness of earthquake mitigation activities in homes, schools, and businesses.	Y	5	2	5	1	1	
3. Work with insurance industry representatives to increase public awareness of the importance of earthquake insurance for home and building owners.	Y						don't know how to rate



## Additional Mitigation Actions?

[illegible]



CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN  
NEW MITIGATION ACTIONS SCORING MATRIX

NAME: Andy Kuchta

JURISDICTION: Clermont County Dept of Community & Econ. Dev.

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>All Hazards</b>							
1. Develop/update back-up power generation capabilities at critical government facilities (e.g. temporary storm safe locations, community EOCs).	Y	3	2	2	4	1	
2. Develop/update Continuity of Operations Plans	Y	1	2	2	3	3	
3. Provide public education and outreach on disaster preparedness including websites, newsletters, social media, Preparedness Month events, etc.	N						
4. Develop or update Emergency Operation Plans	Y	1	1	1	2	3	
5. Maintain an all-hazard outdoor warning siren system, including repairing, replacing, and upgrading.	N						
6. Continue fire code enforcement activities	N						
7. Update building and zoning codes to limit exposure to or prepare for potential hazards.	N						
<b>Flooding</b>							
1. Improve storm water management system.	N						
2. Identify and study poor draining areas to control flooding.	N						
3. Repair or replace ditching and culverts to control flooding.	N						
4. Continue to identify and study riverbank stabilization opportunities.	N						
5. Provide mitigation option guidance to property owners of Repetitive Loss and Severely Repetitive Loss Structures, such as acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	N						
6. Continue to implement floodplain regulations.	N						
7. Encourage residents in flood prone areas to purchase flood insurance.	N						
<b>Severe Storms</b>							
1. A public education campaign on having multiple means to receive severe weather notifications, such as weather radios, smart phone apps, social media feeds, and/or registration for mass notification systems.	N						
2. Create a Standard Operating Guideline for the timely clearing of roads from debris caused by severe storms.	N						
3. Maintain StormReady Certification	N						
4. Adopting new or amend existing ordinances to include guidelines on building construction, surge and lightning protection, roofing shingles, and backup power devices.	N						



Burton Planning Services

JANUARY 2019





Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>Tornadoes</b>							
1. Adopt stronger construction standards to address high winds and tornadoes.	N						
2. Promote the Ohio Safe Room Rebate Program for the construction and installation of residential safe rooms.	N						
3. Require tie-downs for manufactured homes placed on land in Clermont County and its municipalities.	N						
4. Identify tornado safe locations for residents to seek shelter during tornadoes/high wind events, through coordination with local municipalities.	N						
<b>Hazardous Materials Accidents</b>							
1. Develop a Wellhead Protection Plan	N						
2. Organize an annual drill to prepare for a disaster involving hazardous materials.	N						
3. Report what hazardous materials are being handled on-site and amounts according to regulation.	N						
4. Update commodity flow study to identify types and volume of hazardous materials transported via river, pipeline, truck, rail, and plane.	N						
<b>Utility Failure</b>							
1. Tree trimming in right of ways along utility lines	N						
2. Work with local utilities to ensure that construction requirements include burying/protecting power lines, designed-failure, and tree management.	N						
<b>Winter Storms</b>							
1. Provide public education on winter weather safety, including family/traveler emergency preparedness, driver safety, and animal protection.	N						
2. Review local codes and ordinances, and modify as needed, to reduce the possibility of damage from winter storms.	N						
3. Prepare local government for severe winter storms by utilizing snow fences to limit blowing and drifting of snow over critical roadway segments.	N						
<b>Dam Failure</b>							
1. Coordinate with ODNR to implement Dam Safety Program	N						
2. Ensure dam owners develop/update their dam safety plan	N						
3. Ensure dam owners are prepared to respond should their dam fail	N						
4. Identify downstream risk should dam failure occur	N						
5. Coordinate with local communities to ensure they understand risk to dam failures and the impact it would have on their community.	N						



Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>Terrorism</b>							
1. Encourage critical infrastructure to implement protective measures at their facilities.	N						
2. Continue to refine emergency operation plans to respond to and recover from potential acts of terrorism.	N						
3. Encourage government agencies to review and update emergency plans, communications procedures, and continuity of operation plans.	N						
4. Coordinate with local law enforcement to ensure the safety of large public gathering events.	N						
5. Provide guidance to schools, churches, government agencies, health care facilities, and other critical facilities on improving protection, preparedness, response, and recovery activities to an active aggressor threat.	N						
<b>Landslides</b>							
1. Develop a map of landslide prone areas.	N						
2. Develop a slide-prone area ordinance to limit fill or dumping and address drainage or other landslide related problems.							
3. Develop drainage control regulations to reduce the risk of landslides resulting from saturated soils.							
4. Develop grading ordinances which require developers and landowners to obtain permits prior to filling or regrading.							
5. Implement Sanitary System Codes to reduce the effect of drainage on landslides by limiting the type and location of sanitary systems.							
6. Consider relocation of structures to less hazardous locations.							
7. Consider acquisition of land and structures and enforce permanent restrictions on development.							
8. Implement Restraining Structures to hold soil in place.							
9. Implement Debris-Flow Measures, such as stabilization, energy dissipation, and flow control measures, to reduce damage in sloping areas.							
10. Implement Grading to increase slope stability.							
11. Consider Vegetation Placement and Management Plans to increase soil stability.							
12. Consider placement of utilities. (Placing utilities outside of landslide areas decreases the risk of service disruption.)							
13. Implement Abatement Districts to pool resources to mitigate common hazards.							





Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>Invasive Species</b>							
1. Implement an invasive species education program that covers associated hazards, identification, behavior, and quarantine procedures.							
2. Share information with the public that explains the importance of not importing or exporting firewood.							
3. Collaborate with wildlife managers, agricultural producers, and hunters to develop an action plan to address feral swine in Clermont County.							
4. Work with agricultural producers to monitor and minimize nutrient runoff in order to prevent Harmful Algal Blooms.							
<b>Extreme Temperatures</b>							
1. Provide guidance and resources for vulnerable populations during extreme temperature events.							
2. Provide guidance and resources on utility assistance programs.							
<b>Drought</b>							
1. Encourage property owners to prepare for droughts by installing equipment that reduces water use.							
2. Develop water storage plans, water use ordinances, contingency plans, and water delivery systems in water utility operating plans.							
3. Encourage farmers to purchase crop insurance.							
<b>Wildfire</b>							
1. Implement outreach efforts to promote fire safe construction.							
2. Promote public education on smoking hazards and recreational fire risks.							
3. Provide public education on extreme fire danger and red flag warnings, including what it means and what actions to take when it is issued.							
4. Develop public education materials on when and where open burning is permissible, and when a permit is required.							
5. Review and update local codes and ordinances to reduce the risk and effects of wildfire.							
<b>Earthquakes</b>							
1. Ensure building codes and ordinances address earthquakes, such as buildings as structural hazards, non-structural hazards, infrastructure hardening, bridge strengthening, and amend as needed.							
2. Use community outreach activities to foster an awareness of earthquake mitigation activities in homes, schools, and businesses.							
3. Work with insurance industry representatives to increase public awareness of the importance of earthquake insurance for home and building owners.							



### Additional Mitigation Actions?

[illegible]



Name &amp; Organization:

Pam Hawes, Clermont

## RISK ASSESSMENT SURVEY

As part of the reporting requirements to the State, the level of risk for each hazard needs to be rated based on several factors. Consider each of the factors below and on a scale of 1 - 5 / 1 - 4, provide a best estimate on the level of risk from each hazard, where "5" / "4" indicate the worst-case and "1" represents little to no impacts, severity or effects. Consider events from the past year.

Factors for each hazard include:

- Frequency: # of local disaster declarations
- Average Duration of Response: time period of response
- Average Speed of Onset: warning time
- Average Magnitude: % of community affected
- Impact on Businesses: length of time critical facilities could be shutdown
- Impact on People: # and severity of injuries
- Impact on Property: % of severely damaged properties

	1	2	3	4	5
<b>Flood</b>					
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input checked="" type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input checked="" type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input checked="" type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input checked="" type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input checked="" type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	





## CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

	1		2		3		4		5	
<b>Severe Storms</b>										
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input checked="" type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)					
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input checked="" type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year					
<b>Avg. Speed of Onset</b> (Warning Time)	<input checked="" type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning						
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input checked="" type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%						
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More						
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input checked="" type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths						
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%						

	1		2		3		4		5	
<b>Tornadoes</b>										
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input checked="" type="checkbox"/> Excessive (9+)					
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input checked="" type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year					
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input checked="" type="checkbox"/> 6 - 12 Hours	<input checked="" type="checkbox"/> Little to No Warning						
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%						
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input checked="" type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More						
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input checked="" type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths						
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%						



# CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

	1	2	3	4	5
<b>Landslides</b>					
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input checked="" type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input checked="" type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input checked="" type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input checked="" type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input checked="" type="checkbox"/> No Injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input checked="" type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

	1	2	3	4	5
<b>Hazardous Materials Accident</b>					
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input checked="" type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input checked="" type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input checked="" type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input checked="" type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input checked="" type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input checked="" type="checkbox"/> No Injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input checked="" type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	





## CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

Dam Failure	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input checked="" type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input checked="" type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input checked="" type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	<i>Depends on water Dam</i>
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input checked="" type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input checked="" type="checkbox"/> Multiple Deaths	<i>Possible</i>
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input checked="" type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

Invasive Species	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input checked="" type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input checked="" type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input checked="" type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input checked="" type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input checked="" type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input checked="" type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	





## CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

	1	2	3	4	5
<b>Utility Failure</b>					
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input checked="" type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input checked="" type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input checked="" type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input checked="" type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less than 24 Hours	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input checked="" type="checkbox"/> No Injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input checked="" type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

	1	2	3	4	5
<b>Drought</b>					
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input checked="" type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input checked="" type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less than 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input checked="" type="checkbox"/> 30 Days or More	<i>Farming</i>
<b>Impact on People</b> (# and Severity of Injuries)	<input checked="" type="checkbox"/> No Injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	



# CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

Earthquake	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input checked="" type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input checked="" type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input checked="" type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input checked="" type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input checked="" type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input checked="" type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

Wildfire	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input checked="" type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input checked="" type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input checked="" type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	





## CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

	1	2	3	4	5
<b>Terrorism</b>					
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input checked="" type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input checked="" type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input checked="" type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

	1	2	3	4	5
<b>Hurricanes/ Tropical Storms</b>					
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input checked="" type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input checked="" type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input checked="" type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input checked="" type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	





# CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

1	2	3	4	5
<b>Mine Subsidence</b> (sinkholes or landslides occurring due to mining activity)				
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8) <input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month <input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input checked="" type="checkbox"/> Little to No Warning
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less than 24 Hours	<input type="checkbox"/> 1 Week	<input checked="" type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input checked="" type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%

1	2	3	4	5
<b>Extreme Temperatures</b>				
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8) <input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input checked="" type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month <input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input checked="" type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less than 24 Hours	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input checked="" type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths
<b>Impact on Property</b> (% of severely damaged properties)	<input checked="" type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%

Name & Organization: CHHS Commission, Clermont County Public District**RISK ASSESSMENT SURVEY**

As part of the reporting requirements to the State, the level of risk for each hazard needs to be rated based on several factors. Consider each of the factors below and on a scale of 1 - 5 / 1 - 4, provide a best estimate on the level of risk from each hazard, where "5" / "4" indicate the worst-case and "1" represents little to no impacts, severity or effects. Consider events from the past year.

Factors for each hazard include:

- Frequency: # of local disaster declarations
- Average Duration of Response: time period of response
- Average Speed of Onset: warning time
- Average Magnitude: % of community affected
- Impact on Businesses: length of time critical facilities could be shutdown
- Impact on People: # and severity of injuries
- Impact on Property: % of severely damaged properties

	Flood				
	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input checked="" type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input checked="" type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input checked="" type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input checked="" type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input checked="" type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input checked="" type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	





# CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

Severe Storms	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input checked="" type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input checked="" type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input checked="" type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input checked="" type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input checked="" type="checkbox"/> No Injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input checked="" type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

Tornadoes	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input checked="" type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input checked="" type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input checked="" type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input checked="" type="checkbox"/> No Injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	





# CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

	1	2	3	4	5
<b>Landslides</b>					
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

	1	2	3	4	5
<b>Hazardous Materials Accident</b>					
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	



## CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

Dam Failure	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

Invasive Species (Emerald Ash Borer & Asian Longhorn Beetle)	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input checked="" type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input checked="" type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input checked="" type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input checked="" type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input checked="" type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input checked="" type="checkbox"/> Greater than 50%	





# CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

Utility Failure	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input checked="" type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input checked="" type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input checked="" type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input checked="" type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input checked="" type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input checked="" type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

Drought	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	



## CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

Earthquake	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

Wildfire	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	





# CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

	1	2	3	4	5
<b>Terrorism</b>					
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

	1	2	3	4	5
<b>Hurricanes/ Tropical Storms</b>					
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input checked="" type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input checked="" type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input checked="" type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input checked="" type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input checked="" type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input checked="" type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

Mine Subsidence (sinkholes or landslides occurring due to mining activity)	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

Extreme Temperatures	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	





Name &amp; Organization:

Pat Kaphos - C.C.S.O.

## RISK ASSESSMENT SURVEY

As part of the reporting requirements to the State, the level of risk for each hazard needs to be rated based on several factors. Consider each of the factors below and on a scale of 1 - 5 / 1 - 4, provide a best estimate on the level of risk from each hazard, where "5" / "4" indicate the worst-case and "1" represents little to no impacts, severity or effects. Consider events from the past year.

Factors for each hazard include:

- Frequency: # of local disaster declarations
- Average Duration of Response: time period of response
- Average Speed of Onset: warning time
- Average Magnitude: % of community affected
- Impact on Businesses: length of time critical facilities could be shutdown
- Impact on People: # and severity of injuries
- Impact on Property: % of severely damaged properties

	Flood				
	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input checked="" type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input checked="" type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 5 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input checked="" type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input checked="" type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	



# CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

Severe Storms	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input checked="" type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input checked="" type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input checked="" type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input checked="" type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input checked="" type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input checked="" type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

Tornadoes	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input checked="" type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input checked="" type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input checked="" type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input checked="" type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	





# CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

	1	2	3	4	5
<b>Landslides</b>					
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input checked="" type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input checked="" type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input checked="" type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input checked="" type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input checked="" type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input checked="" type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

	1	2	3	4	5
<b>Hazardous Materials/Accident</b>					
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input checked="" type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input checked="" type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input checked="" type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input checked="" type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input checked="" type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input checked="" type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input checked="" type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	



# CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

Dam Failure	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

Invasive Species (Emerald Ash Borer & Asian Longhorn Beetle)	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input checked="" type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input checked="" type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input checked="" type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input checked="" type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input checked="" type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	





# CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

Utility Failure	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input checked="" type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input checked="" type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input checked="" type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input checked="" type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input checked="" type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

Drought	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	



# CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

Earthquake	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

Wildfire	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	





# CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

Terrorism					
	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

Hurricanes/ Tropical Storms					
	1	2	3	4	5
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 5 - 12 Hours	<input type="checkbox"/> Little to No Warning	
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	



# CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

1	2	3	4	5
<b>Mine Subsidence</b> (sinkholes or landslides occurring due to mining activity)				
<b>Frequency</b> (# of Local Disaster Declarations)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8) <input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month <input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%

1	2	3	4	5
<b>Extreme Temperatures</b>				
<b>Frequency</b> (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input checked="" type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8) <input type="checkbox"/> Excessive (9+)
<b>Avg. Duration of Response</b> (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input checked="" type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month <input type="checkbox"/> Less than 1 Year
<b>Avg. Speed of Onset</b> (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input checked="" type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning
<b>Avg. Magnitude</b> (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input checked="" type="checkbox"/> Greater than 50%
<b>Impact on Businesses</b> (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More
<b>Impact on People</b> (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input checked="" type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths
<b>Impact on Property</b> (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input checked="" type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%





CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN  
**NEW MITIGATION ACTIONS SCORING MATRIX**

**NAME: Pam Haverkos**

**JURISDICTION: Clermont County EMA**

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
<b>All Hazards</b>							
<ul style="list-style-type: none"> <li>Promote the installation of community safe rooms.</li> </ul>	5	2	3	2	4	3	<p>County has a large number of mobile home communities with limited storm safe locations.</p> <p>Challenges: selecting a location that the community can access quickly; that is open at all hours of the day; and is cost effective for the local communities to construct and maintain.</p>
<b>Dam Failure</b>							
<ul style="list-style-type: none"> <li>Rehabilitate high hazard potential dams. ***Reword - Coordinate with dam owners/operators to rehabilitate high hazard dams that have the potential for failure***</li> </ul>	4	2	1	4	3	4	<p>Dam ownership is an issue. I don't think any are owned by a municipality. Repair and maintenance is the responsibility of the owner/operator.</p>

#2

**COMPLETE**

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, December 11, 2018 1:43:48 PM  
**Last Modified:** Tuesday, December 11, 2018 1:52:17 PM  
**Time Spent:** 00:08:28  
**IP Address:** 66.161.159.2

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## Page 1: Survey Instructions

**Q1 Name and Organization**

Name	Lyle Bloom
Organization	Clermont County Water Resources Dept.
Title/Position	Director
Email Address	lbloom@clermontcountyohio.gov

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## Page 2: Risk Assessment - Flooding

**Q2 Flooding**

Frequency# of local disaster declarations	3Moderate
Avg Duration of Responsetime period of response	3Moderate
Avg Speed of Onsetwarning time	2 Low-Moderate
Avg Magnitude% of community affected	2 Low-Moderate
Impact on Businesseslength of time critical facilities could be shutdown	2 Low-Moderate
Impact on People# and severity of injuries	2 Low-Moderate
Impact on Property% of severely damaged properties	2 Low-Moderate

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## Page 3: Risk Assessment - Severe Storms



## Clermont County Risk Assessment Survey

### Q3 Severe Storms

Frequency# of local disaster declarations	3Moderate
Avg Duration of Responsetime period of response	2 Low-Moderate
Avg Speed of Onsetwarning time	4Mod-High
Avg Magnitude% of community affected	4Mod-High
Impact on Businesseslength of time critical facilities could be shutdown	3Moderate
Impact on People# and severity of injuries	3Moderate
Impact on Property% of severely damaged properties	3Moderate

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## Page 4: Risk Assessment - Tornadoes

### Q4 Tornadoes

Frequency# of local disaster declarations	2 Low-Moderate
Avg Duration of Responsetime period of response	2 Low-Moderate
Avg Speed of Onsetwarning time	5High
Avg Magnitude% of community affected	4Mod-High
Impact on Businesseslength of time critical facilities could be shutdown	3Moderate
Impact on People# and severity of injuries	3Moderate
Impact on Property% of severely damaged properties	3Moderate

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## Page 5: Risk Assessment - Landslides

### Q5 Landslides

Frequency# of local disaster declarations	2 Low-Moderate
Avg Duration of Responsetime period of response	3Moderate
Avg Speed of Onsetwarning time	3Moderate
Avg Magnitude% of community affected	1 Low/No
Impact on Businesseslength of time critical facilities could be shutdown	1 Low/No
Impact on People# and severity of injuries	1 Low/No
Impact on Property% of severely damaged properties	1 Low/No

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## Page 6: Risk Assessment - Hazardous Material Accident