

MITIGATION ACTION SCORING MATRIX

Step One:

In the following tables, enter your name and position and select one of the following status options for each mitigation action in your jurisdiction:

- **Completed** (Use this if the action was completed)
- **Deleted** (Use this if you would like to remove the action from your new plan)
- **Ongoing** (Use this if you would like the action to carry through to your next plan)

Step two:

By marking the actions as Ongoing the action will be added to the new plan. In order to rank them effectively we ask that you score each of the following:

1. **Cost Effective** – Rank 1 – 5 – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
2. **Technically Feasible** – Rank 1 – 5 – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
3. **Environmentally Sound** – Rank 1 – 5 – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
4. **Immediate Need** – Rank 1 – 5 – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
5. **Risk Reduction** – Rank 1 – 5 – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

If you have any additional comments for a mitigation action, please leave them below each action.



Name:	Title and Organization:
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Scioto County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Adopt higher flood standards than NFIP minimums due to historical flood events and to reduce future damages	Flooding	<input type="checkbox"/> Completed	Cost Effective	1	2	3	4	5
		<input type="checkbox"/> Deleted	Technically Feasible	1	2	3	4	5
		<input type="checkbox"/> Ongoing	Environmentally Sound	1	2	3	4	5
		<input type="checkbox"/>	Immediate Need	1	2	3	4	5
		<input type="checkbox"/>	Risk Reduction	1	2	3	4	5
Conduct a hydrologic and hydraulic (H&H) study of Scioto County	Flooding	<input type="checkbox"/> Completed	Cost Effective	1	2	3	4	5
		<input type="checkbox"/> Deleted	Technically Feasible	1	2	3	4	5
		<input type="checkbox"/> Ongoing	Environmentally Sound	1	2	3	4	5
		<input type="checkbox"/>	Immediate Need	1	2	3	4	5
		<input type="checkbox"/>	Risk Reduction	1	2	3	4	5
Identify/resolve potential landslide locations	Landslides and Land Subsidence	<input type="checkbox"/> Completed	Cost Effective	1	2	3	4	5
		<input type="checkbox"/> Deleted	Technically Feasible	1	2	3	4	5
		<input type="checkbox"/> Ongoing	Environmentally Sound	1	2	3	4	5
		<input type="checkbox"/>	Immediate Need	1	2	3	4	5
		<input type="checkbox"/>	Risk Reduction	1	2	3	4	5



Name:	Title and Organization:
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Scioto County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Anchor mobile homes and propane tanks	Multiple Hazards	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Construct Safe Rooms - Community	Multiple Hazards	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Construct Safe Rooms - Residential	Multiple Hazards	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5



Name:	Title and Organization:
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Scioto County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Create rental housing inspection and permit program	Multiple Hazards	<input type="checkbox"/> Completed	Cost Effective	1	2	3	4	5
		<input type="checkbox"/> Deleted	Technically Feasible	1	2	3	4	5
		<input type="checkbox"/> Ongoing	Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Develop and implement an all-hazards public education program	Multiple Hazards	<input type="checkbox"/> Completed	Cost Effective	1	2	3	4	5
		<input type="checkbox"/> Deleted	Technically Feasible	1	2	3	4	5
		<input type="checkbox"/> Ongoing	Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Encourage jurisdictions to establish zones/building codes to control land use in at-risk areas	Multiple Hazards	<input type="checkbox"/> Completed	Cost Effective	1	2	3	4	5
		<input type="checkbox"/> Deleted	Technically Feasible	1	2	3	4	5
		<input type="checkbox"/> Ongoing	Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5



Name:	Title and Organization:
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Scioto County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Enhance public warning systems.	Multiple Hazards	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Establish community shelters	Multiple Hazards	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Increase rural broadband coverage	Multiple Hazards	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5



Name:	Title and Organization:
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Scioto County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Install generators at critical facilities	Multiple Hazards	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Mitigate structures in flood-prone areas	Multiple Hazards	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Purchase stock of PPE for first responders	Multiple Hazards	<input type="checkbox"/> Completed <input type="checkbox"/> Deleted <input type="checkbox"/> Ongoing	Cost Effective	1	2	3	4	5
			Technically Feasible	1	2	3	4	5
			Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5



Name:	Title and Organization:
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Scioto County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Rehabilitate dams known to be of high hazard	Multiple Hazards	<input type="checkbox"/> Completed	Cost Effective	1	2	3	4	5
		<input type="checkbox"/> Deleted	Technically Feasible	1	2	3	4	5
		<input type="checkbox"/> Ongoing	Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Remove debris in streams	Multiple Hazards	<input type="checkbox"/> Completed	Cost Effective	1	2	3	4	5
		<input type="checkbox"/> Deleted	Technically Feasible	1	2	3	4	5
		<input type="checkbox"/> Ongoing	Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5
Update dam Emergency Action Plans; update inundation data for dams without EAPs or no current inundation data	Multiple Hazards	<input type="checkbox"/> Completed	Cost Effective	1	2	3	4	5
		<input type="checkbox"/> Deleted	Technically Feasible	1	2	3	4	5
		<input type="checkbox"/> Ongoing	Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5



Name:	Title and Organization:
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Scioto County

Mitigation Action (Strategy)	Risk	Status	Ranking					
Upgrade undersized/establish storm water drainage systems	Multiple Hazards	<input type="checkbox"/> Completed	Cost Effective	1	2	3	4	5
		<input type="checkbox"/> Deleted	Technically Feasible	1	2	3	4	5
		<input type="checkbox"/> Ongoing	Environmentally Sound	1	2	3	4	5
			Immediate Need	1	2	3	4	5
			Risk Reduction	1	2	3	4	5

MITIGATION ACTION SCORING MATRIX

Instructions

To complete this matrix, please write in each mitigation action applicable to your jurisdiction. Please score it from 1-5 for each category described below. For each category, a rating of 1 is the lowest score, a rating of 3 is neutral/unsure, and a rating of 5 is the highest score.

1. **Cost Effective – Rank 1 – 5** – the cost effectiveness of each proposed mitigation action, with 5 being the most cost effective and 1 being the least cost effective.
2. **Technically Feasible – Rank 1 – 5** – the feasibility of each proposed mitigation action, with 5 being the most feasible and 1 being the least feasible.
3. **Environmentally Sound – Rank 1 – 5** – the proposed mitigation action in terms of how environmentally sound it seems, with 5 being the most sound and 1 being the least sound.
4. **Immediate Need – Rank 1 – 5** – whether each proposed mitigation action is needed immediately, with 5 being the most immediate need and 1 being not an immediate need.
5. **Risk Reduction – Rank 1 – 5** – the proposed mitigation action on the extent to which it will reduce the total risk of the associated hazard, with 5 being the greatest contribution to risk reduction and 1 being the least contribution to risk reduction.

We encourage you to consider regularly occurring problems for each hazard listed below and suggest mitigation actions for these problems. You may also list regularly occurring problems within your community without suggesting a mitigation action.

Every jurisdiction (County, City, and Village) must have one mitigation action for each hazard. The following pages include four new FEMA-required actions for you to score. If an action is applicable, please score the action. If it is not applicable to your jurisdiction (i.e. your jurisdiction doesn't have any dams) please skip (don't score) the action.

Following the required new actions, you will have the space to draft new mitigation actions that are applicable to your jurisdiction and score them. Please list the applicable hazard for each new drafted action. Any new actions must correspond with the county's hazard priorities as follows: Hazardous Materials, Utility Failure, Severe Winter Weather, Tornadoes, Flooding, Terrorism, Severe Summer Weather, Epidemic, Drought and Extreme Heat, Invasive Species, Earthquakes, Dam/Levee Failure, Wildfire, and Landslides/Land Subsidence.



Name:	Title and Organization:	Jurisdiction:
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Mitigation Action (Strategy)	Risk	Ranking					
Required: Work with all jurisdictions on filling in gaps and strengthening capabilities in enacting mitigation strategies.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all eligible jurisdictions are participating in the NFIP.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
Required: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5



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Mitigation Action (Strategy)	Risk	Ranking					
Required: Obtain or create inundation maps for all dams.		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
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Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
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Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
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		Cost Effective	1	2	3	4	5
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		Risk Reduction	1	2	3	4	5
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		Technically Feasible	1	2	3	4	5
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Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
		Environmentally Sound	1	2	3	4	5
		Immediate Need	1	2	3	4	5
		Risk Reduction	1	2	3	4	5



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Mitigation Action (Strategy)	Risk	Ranking					
		Cost Effective	1	2	3	4	5
		Technically Feasible	1	2	3	4	5
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