MITIGATION ACTION SCORING MATRIX

Please rank your previous mitigation actions for 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:	Position:

Village of Yellow Springs

Mitigation Action (Strategy)	Risk	Ranking					
Seek funding for new storm drainage systems or levees to protect at-risk structures.	Dam/Levee Failure	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
Seek funding for, prioritize and remove and/or relocate at-risk structures or construction of improved or new storm drainage systems or levees to protect at- risk structures.	Dam/Levee Failure	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 a Flood Diversion program for roads in Greene County using the Hyper Reach mass notification system.	Flooding	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:	Position:

Village of Yellow Springs

Mitigation Action (Strategy)	Risk	Ranking					
Identify at-risk structures in Special Flood Hazard Area.	Flooding	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
Update stormwater systems and reline sewer system.	Flooding	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
Develop a program providing assistance for the disparate population.	Public Health Emergency (Epidemic)	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:	Position:

Village of Yellow Springs

Mitigation Action (Strategy)	Risk	Ranking					
Install underground power lines.	Severe Summer Weather	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 and install a security camera system.	Terrorism	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
Monitoring wells for the source water contamination.	Water Quality	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

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 they scored on their hazard priority. 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: Severe Winter Weather, Tornadoes, Flooding, Severe Summer Weather, Drought and Extreme Heat, Invasive Species, Earthquakes, Dam/Levee Failure, Wildfire, and Landslides/Land Subsidence.

Name:	Title and Organization:	Jurisdiction:

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

Name:	Title and Organization:	Jurisdiction:

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
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