



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.



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| Name: | Position: |
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Athens County

| Mitigation Action (Strategy) | Risk | Ranking |
|---|------------------|---|
| Analyze replacement costs for high priority, critical facilities in the floodplain. | 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 |
| Mitigate repetitive loss and other loss properties in the floodplain. | 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 |
| Review subdivision regulations to ensure compliance with natural hazard mitigation principles. Provide information to villages about subdivision regulations. | Multiple Hazards | 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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| Name: | Position: |
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Athens County

| Mitigation Action (Strategy) | Risk | Ranking | | | | | |
|---|-------------------|-----------------------|---|---|---|---|---|
| Obtain EAP's and dam failure inundation data for each class dam. Review plans and provide action recommendations to NHMP Committee. | 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 |
| Rehabilitate high hazard potential dams. Seek grant funding to finance this work. | 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 |
| Review notification procedures concerning water releases from the Tom Jenkins Dam. | 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 |



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| Name: | Position: |
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Athens County

| Mitigation Action (Strategy) | Risk | Ranking | | | | | |
|---|----------|-----------------------|---|---|---|---|---|
| Conduct an annual meeting and or trainings for floodplain managers to discuss issues and ways to manage, preserve, or restore the floodplain. | 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 |
| Create a High Road Map for the County that shows evacuation routes and roads affected by the 1%-chance flood as well as flash floods. Print map on road signs and install maps on frequently used flood routes. | 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 |
| Explore creative solutions for stormwater detention. | 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 |



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| Name: | Position: |
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Athens County

| Mitigation Action (Strategy) | Risk | Ranking |
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| Find funding for stormwater solutions identified the action "explore creative solutions for stormwater detention". | 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 |
| Perform a HAZUS flood scenario for Athens County | 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 |
| Prepare a flash flood emergency plan. | 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 |



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| Name: | Position: |
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Athens County

| Mitigation Action (Strategy) | Risk | Ranking | | | | | |
|---|------------------|-----------------------|---|---|---|---|---|
| Research eligible projects. Additional mitigation efforts are still needed in several jurisdictions where residents and property are at risk from the flood hazard. Elevation and/or buy-out programs will be researched and proposed for those considered competitive. | 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 |
| Utilize GIS to map flash flood watersheds and identify residents whose homes and property lie within areas that may have flash flooding. | 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 |
| An article will be written annually for the Chambergram. | Multiple Hazards | 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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| Name: | Position: |
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Athens County

| Mitigation Action (Strategy) | Risk | Ranking | | | | | |
|--|------------------|-----------------------|---|---|---|---|---|
| <p>Analyze existing siren warning systems and see where additional coverage would be beneficial. Apply for grant funding as needed.</p> | Multiple Hazards | 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 |
| <p>Analyze status and effectiveness of wide area rapid notification systems.</p> | Multiple Hazards | 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 |
| <p>Analyze whether existing warning sign program on local roads is adequate or whether additional signage and maintenance is required.</p> | Multiple Hazards | 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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| Name: | Position: |
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Athens County

| Mitigation Action (Strategy) | Risk | Ranking | | | | | |
|---|------------------|-----------------------|---|---|---|---|---|
| Apply for Pre-Disaster Mitigation funding to update this Plan. | Multiple Hazards | 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 |
| Assess what services would be impacted including education by long-term recovery efforts. | Multiple Hazards | 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 |
| Conduct 10 presentations about hazard planning to interested groups in the County. | Multiple Hazards | 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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| Name: | Position: |
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Athens County

| Mitigation Action (Strategy) | Risk | Ranking | | | | | |
|--|------------------|-----------------------|---|---|---|---|---|
| Conduct PSAs via radio for various natural hazards. | Multiple Hazards | 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 |
| Coordinate a seasonal hazard awareness campaign. Develop brochures and social media spots. Brochures will be designed with checklists. | Multiple Hazards | 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 |
| Coordinate emergency equipment needs and availability. | Multiple Hazards | 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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| Name: | Position: |
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Athens County

| Mitigation Action (Strategy) | Risk | Ranking | | | | | |
|--|------------------|-----------------------|---|---|---|---|---|
| Define what historic resources will be included. | Multiple Hazards | 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 |
| Devise a mitigation plan to protect the resources. | Multiple Hazards | 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 |
| Discuss and potentially formulate policy or guidance for dissemination to inform local government and area stakeholders about the benefits of preservation and/or restoration of high hazard area natural buffers. | Multiple Hazards | 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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| Name: | Position: |
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Athens County

| Mitigation Action (Strategy) | Risk | Ranking | | | | | |
|---|------------------|-----------------------|---|---|---|---|---|
| Encourage solid waste enforcement staff to focus on and disseminate information about areas where illegal waste dumping poses the most threat. | Multiple Hazards | 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 |
| Ensure that an after-action report is presented to all interested parties whenever the EOC is activated. | Multiple Hazards | 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 |
| Ensure there are enough emergency shelters throughout the county. Provide upgrades to existing facilities that could be converted to emergency shelters during or following a hazard event. | Multiple Hazards | 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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| Name: | Position: |
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Athens County

| Mitigation Action (Strategy) | Risk | Ranking | | | | | |
|---|------------------|-----------------------|---|---|---|---|---|
| Establish public-private partnerships with governments, businesses, community service agencies, and residents. | Multiple Hazards | 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 |
| Exchange information with utility companies at a special meeting of the NHMP Committee designed for such interaction. | Multiple Hazards | 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 |
| Explore the viability of creating temporary emergency services outside the hazard event area. Insure VFD's receive special training where needed. | Multiple Hazards | 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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| Name: | Position: |
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Athens County

| Mitigation Action (Strategy) | Risk | Ranking | | | | | |
|--|------------------|-----------------------|---|---|---|---|---|
| Finalize the application for the County to become a Storm Ready community. | Multiple Hazards | 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 |
| Improve communications with the business community by ensuring that a Chamber member is invited to sit on the NHMP Committee. | Multiple Hazards | 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 |
| Invite design professionals to two meetings where experts will discuss designing and building for resilience against hazards. Include landscaping and natural systems in discussion. | Multiple Hazards | 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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| Name: | Position: |
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Athens County

| Mitigation Action (Strategy) | Risk | Ranking | | | | | |
|--|------------------|-----------------------|---|---|---|---|---|
| Invite utilities once per year to one of the quarterly NHMP Committee meetings. | Multiple Hazards | 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 |
| Keep the natural hazard mitigation committee to implement the Plan. | Multiple Hazards | 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 |
| Promote weather radio usage in Athens County. The NHMP should seek grant funding and establish priorities for weather radio placement. | Multiple Hazards | 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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| Name: | Position: |
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Athens County

| Mitigation Action (Strategy) | Risk | Ranking | | | | | |
|--|------------------|-----------------------|---|---|---|---|---|
| Provide hazard risk maps on the County GIS page. | Multiple Hazards | 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 |
| Review emergency preparedness systems for large assemblies of people trapped by a natural disaster. | Multiple Hazards | 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 |
| Review the Emergency Operations Plan to ensure compliance with natural hazard mitigation principles. | Multiple Hazards | 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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| Name: | Position: |
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Athens County

| Mitigation Action (Strategy) | Risk | Ranking | | | | | |
|--|------------------|-----------------------|---|---|---|---|---|
| Share information on EMA website about what other communities in Athens County do to reduce hazard risk. | Multiple Hazards | 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 |
| The NHMP shall provide a comprehensive packet of information to each mayor and village council member. These will be presented at a Village Council meeting | Multiple Hazards | 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 |
| The NHMP will support the Red Cross and 911 with efforts to keep data about vulnerable populations current. NHMP will work to provide information about how neighbors can help protect vulnerable populations during a disaster. | Multiple Hazards | 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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| Name: | Position: |
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Athens County

| Mitigation Action (Strategy) | Risk | Ranking | | | | | |
|---|------------------|-----------------------|---|---|---|---|---|
| Update the Homebuyers/Builder's Guide produced by the Athens SWCD. | Multiple Hazards | 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 |
| Use GIS to map the resources. | Multiple Hazards | 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 |
| Utilize vulnerable population maps to formulation Emergency Action Plans for hazard events. Potentially create more detailed maps for municipalities. | Multiple Hazards | 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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| Name: | Position: |
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Athens County

| Mitigation Action (Strategy) | Risk | Ranking |
|--|-----------|---|
| Provide information on EMA website concerning tornado and weather alert sirens and what the warnings mean. | Tornadoes | 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 |
| Prepare a county-scale GIS wildfire risk map. OU intern based on any existing maps from ODNR or WNF. | Wildfire | 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.



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| 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. | Multiple Hazards | 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. | 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 |
| Required: Ensure all high-hazard potential dams have updated Emergency Action Plans (EAPs) in place. | Dam and 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 |



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| Name: | Title and Organization: | Jurisdiction: |
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| Mitigation Action (Strategy) | Risk | Ranking | | | | | |
|--|-----------------------|-----------------------|---|---|---|---|---|
| Required: Obtain or create inundation maps for all dams. | Dam and 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 |
| Optional: Establishment of an early notification process for high-risk residents (elderly, disabled, floodplain properties, etc.). | Multiple Hazards | 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 |
| Optional: Identify emergency areas to relocate farm animals during disasters and outline animal relocation process for quick implementation. | Multiple Hazards | 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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| Name: | Title and Organization: | Jurisdiction: |
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| Mitigation Action (Strategy) | Risk | Ranking | | | | | |
|--|------------------|-----------------------|---|---|---|---|---|
| Optional: Create program with phone number for farmers to call to request relocation of farm animals during disasters. | Multiple Hazards | 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 |
| Optional: Control runoff to prevent increased flood hazards with stormwater controls added to the County's floodplain regulations. | 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 |
| | | 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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| Name: | Title and Organization: | Jurisdiction: |
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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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| Name: | Title and Organization: | Jurisdiction: |
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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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| Name: | Title and Organization: | Jurisdiction: |
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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 |