

HAZARD MITIGATION 101

Logan County Kick Off Meeting
April 5, 2016

What is Hazard Mitigation?

“Any sustained action taken to reduce or eliminate the long-term risk to human life and property from hazards”

(44 CFR 201.2)

- Can be implemented prior to, during, or after an event
- Based on assessment of hazards, vulnerabilities, and risks
- Most effective when based on inclusive, comprehensive, long-term plan

Why is hazard mitigation important? (1)

- Protects public safety, prevents loss of life and injury
- Reduces harm to existing and future development
- Prevents damage to economic, social, environmental assets



Why is hazard mitigation important? (2)

- Minimizes operational downtime, accelerates recovery
- Reduces cost of disaster response and recovery
- Helps accomplish other community objectives
 - Leverage capital improvements
 - Infrastructure protection
 - Open space preservation
 - Economic resiliency

How does Logan County benefit?

- Risk reduction actions identified and agreed on by stakeholders
- Focus resources on greatest risks and vulnerabilities
- Build partnerships among the whole community
- Increased awareness of hazards, risks, vulnerabilities
- Communicate priorities to state and federal officials
- Align risk reduction with other community priorities

Mitigation Planning Principles

- Focus on mitigation strategy
- Review for intent as well as compliance
- Process is as important as the plan itself
- This is the community's plan
- Foster relationships

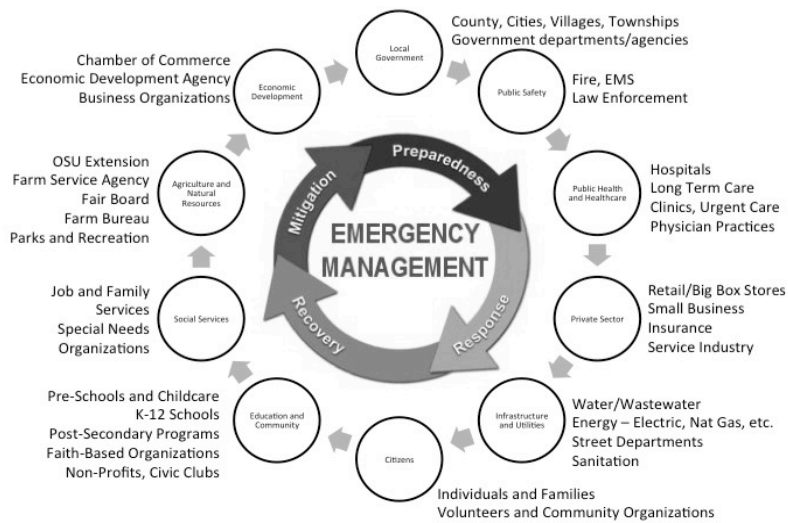


Emergency Management Process

- Preparedness
- Response
- Recovery
- **MITIGATION**



Mitigation is a Whole Community Process



Authorities and References

- *Robert T. Stafford Disaster Relief and Emergency Assistance Act* – FEMA 592, June 2007
 - Section 203: Pre-disaster Hazard Mitigation (42 U.S.C. 5133)
 - Section 322: Mitigation Planning (42 U.S.C. 5165)
 - Section 404: Hazard Mitigation (42 U.S.C. 5170C)
- *Local Mitigation Planning Handbook*, March 2013
- *Hazard Mitigation Assistance Unified Guidance*, July 2013

**Links provided on our website*

Pre-Disaster Mitigation Grant

Project Cost

- Federal - \$15,000 / 75%
- Local - \$5,000 / 25%

Grant Period

- Begins January 5, 2016
- Ends January 5, 2018

The Planning Process

Initial Planning Phase

- Develop a Hazard Mitigation Core Committee
 - Planning Team
 - Stakeholders – Jurisdictions and Community Partners
 - Include representation from the whole community
- Engage stakeholders and the community in the planning process
 - Jurisdictions
 - Special Groups
 - Public Involvement

Phase 1: Hazards and Risks

- Logan County Profile
- Hazard Identification and Risk Assessment
- Vulnerability Analysis



Hazard Identification



- Description
- Location
- Extent
- Historical Narrative
- Probability

What Hazards Are Addressed?

Included

- Dam/Levee Failure
- Drought/Extreme Heat
- Earthquake
- Flood
- Land Subsidence
- Severe Thunderstorm
- Tornado
- Windstorm
- Winter Storm

Not Included

- Coastal Erosion/Flooding
- Invasive Species
- Mud/Landslide
- Tsunami
- Volcano
- Wildfire

Vulnerability Analysis

- Worst plausible scenario
- Anticipate number of structures and financial loss for
 - Residential
 - Non-Residential
 - Critical Facilities

Phase 2: Mitigation Strategies

- Identify mitigation goals and strategies per jurisdiction
 - Goal: Broad policy statement that explains what is to be achieved
 - Strategies: Actions, activities, processes, or physical projects designed to reduce or eliminate long-term risk
- Prioritize strategies by jurisdiction
 - County
 - Incorporated Jurisdictions

Elements of a Mitigation Strategy

- Mitigation Concept
- Hazard
- Priority
- Start Date
- End Date
- Lead Agency
- Funding Source



Mitigation Strategy Categories

- Structural Engineered Projects
- Prevention
- Property Protection
- Natural Resource Protection
- Public Information

Source: *Hazard Mitigation and Projects* (2012) by Anna J. Schwab, et al

Phase 3: Plan Review



FEMA

- Local Review
 - Jurisdictions and Stakeholders
 - Public Review
- Ohio EMA Review
- FEMA Region V Review

Phase 4: Plan Adoption

- Logan County
- Incorporated Jurisdictions
- SHARPP Portal Upload



Stakeholder and Community Participation

Role of the Core Committee

- Visionary
- Champion
- Leader
- Thinker



Tentative Project Timeline

- Phase 1: Hazards and Risks
 - April – June
- Phase 2: Mitigation Strategies
 - July – October
- Phase 3: Plan Review
 - Local: November
 - State and Federal: December – April
- Phase 4: Plan Adoption
 - May 2017



How Data is Gathered

- Research
- Jurisdiction Work Sessions
- Special Group Work Sessions
- Surveys
- Email/Phone Calls



Project Website

www.consultrsa.com

Click on
"Logan County
Mitigation"

- Information sharing
- Meeting documents
- Timeline and schedule
- Files too large to email

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Logan County Mitigation - Resource Solutions Associates LLC

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Logan County Hazard Mitigation

Welcome to the workspace for the Logan County Hazard Mitigation Core Committee. It is our goal to enhance communication and collaboration with the committee and community stakeholders by providing project information, updates, and documents in this space.

If you have any questions about this project, please contact our office at (419) 602-0758 or lauren@consultrsa.com.

<p>Project Schedule</p> <p>Kick Off Meeting Tuesday, April 5, 2016 - 10:00-11:30am Logan County Engineer's Highway Garage 1991 CR 13, Bellefontaine RSVP to ema.assistant@co.logan.oh.us or (937) 593-5743</p>	<p>Plan Sections Available for Review</p> <p>Documents will be posted as they become available.</p> <p>Mitigation Guidance and Resources</p> <p>Logan County 2005 Hazard Mitigation Plan Ohio EMA Mitigation Branch / SHARPP Portal</p>
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Next Steps

- Champion project in the community and encourage participation from peers
- Identify additional community leaders who should be included in this process
- Share planning documents you have access to that will help develop the HIRA
 - i.e. economic development, public health, regional planning, building and construction, etc.

Contact Information

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