



# MITIGATION SUCCESS STORIES

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Mitigation Branch Chief  
Ohio Emergency Management Agency

October 18, 2018



# Ohio EMA Mitigation Branch

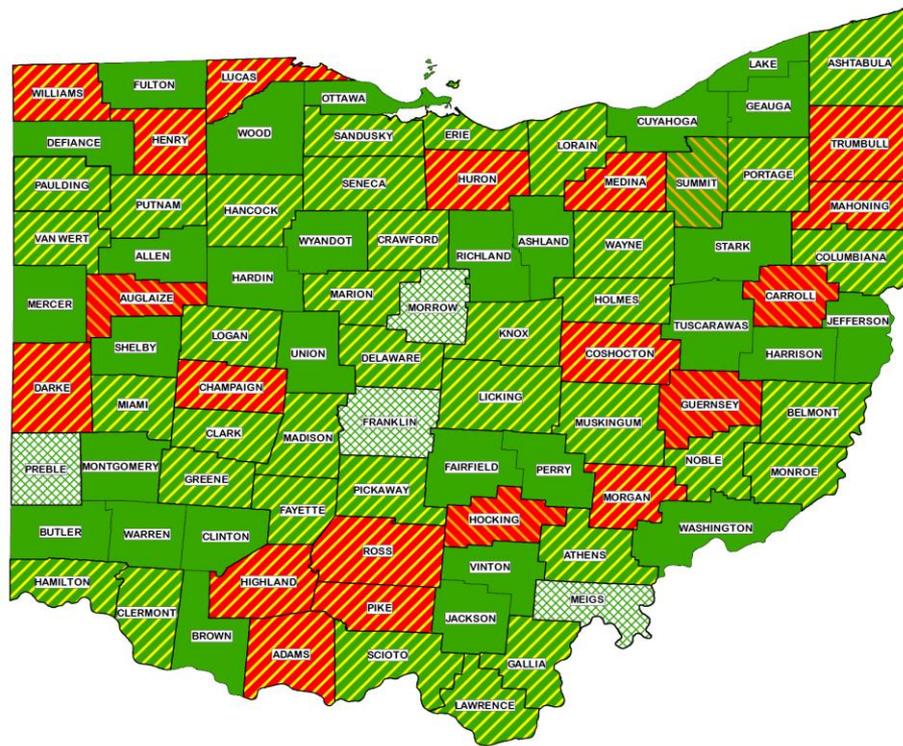
**The mission of the Mitigation Branch is to integrate hazard mitigation principles in a variety of ways to make Ohio communities more sustainable and citizens more resilient in the face of future disaster events.**

- Develop and maintain the SHMP
- Assist Ohio communities in local mitigation planning efforts
- Administer FEMA's Hazard Mitigation Assistance grant programs
- Chair the State Hazard Mitigation Team



# Local Hazard Mitigation Planning

- Disaster Mitigation Act of 2000 (DMA2K) amendments to Stafford Act
- 44 CFR 201.6
- FEMA approved local mitigation plan is required to apply for FEMA HMA grants
- Mitigation projects proposed for HMA funding must be discussed in plan

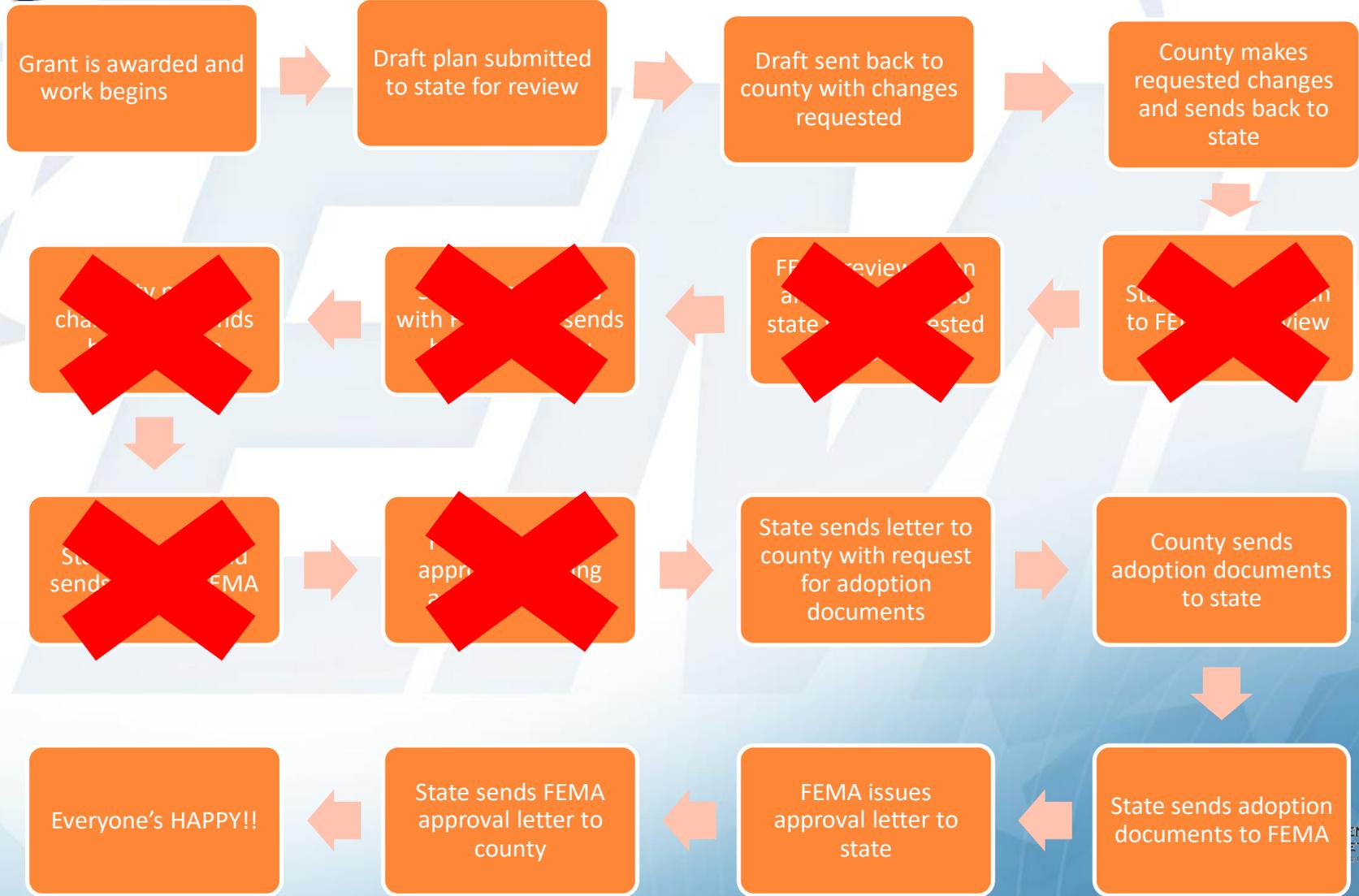


### Legend

- Approved Pending Adoption
- Working on Plan With Grant
- Without on Plan Without Grant
- Expired
- Approved



# Program Administration by States Pilot Program





# Collaborations with OSU

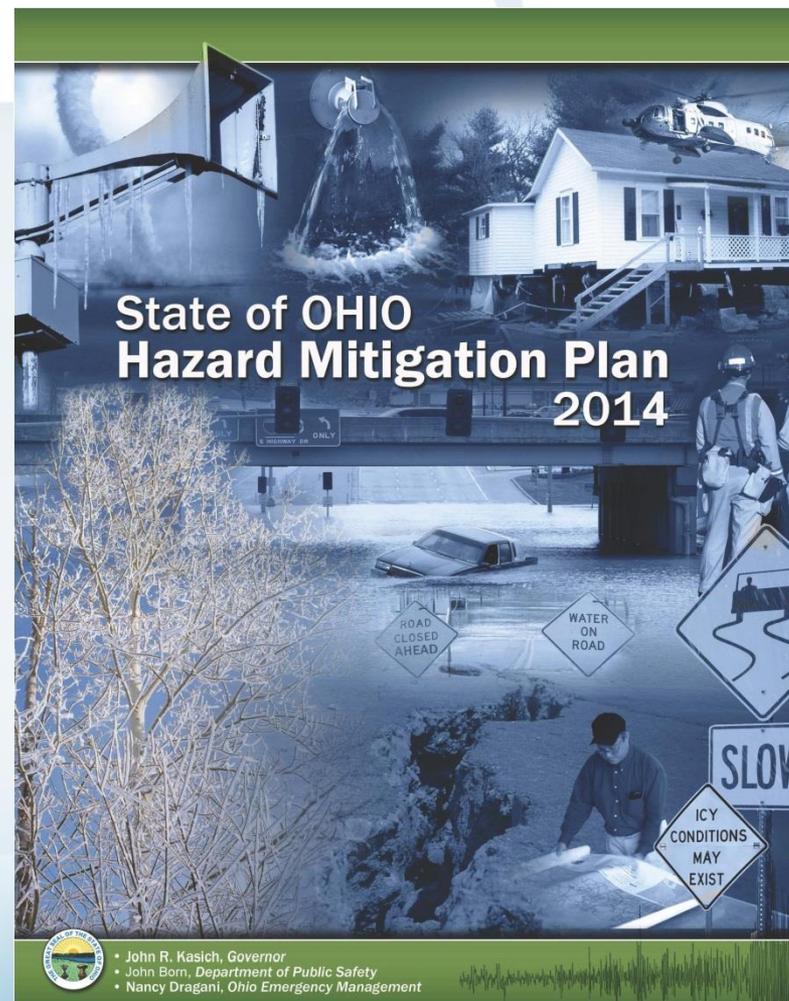
- Guest speaker in resilience course
- Austin E. Knowlton School of Architecture
  - Fayette
  - Perry
  - Guernsey
- Ohio EMA Internship Program
- Ottawa open space re-use project

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# State of Ohio Hazard Mitigation Plan (SOHMP) Overview

- Stafford Act requirement
- 44 CFR 201
  - HIRA
  - Mitigation Strategy and Priorities
  - State Mitigation Capabilities





# SOHMP Update Schedule

- November 2017 – Apply for FEMA grant
- July 2018 – Grant award
- December 2018 – Submit DRAFT plan to FEMA
- March 2019 – Submit FINAL plan to FEMA
- May 13, 2019 – Current SOHMP expires



# Enhanced Plan Benefits

Over \$5 Million in Additional Federal HMGP Funds





# State Hazard Analysis Resource and Planning Portal (SHARPP)

[Ohio EMA Home](#) | [Contacts](#) | [Register](#) | [Login](#)

**Ohio.gov** | Department of Public Safety

[Mitigation Home](#) | [Grants](#) | [Hazards](#) | [Planning](#) | [Mitigation Projects](#) | [Reports](#) | [Success Stories](#) | [FAQ's](#) | [Links](#)

ODPS Ohio Emergency Management Agency **Mitigation Branch**

***Properties Mitigated: 1523 | Damages Prevented Through Mitigation: \$20,636,364.00***

The mission of the Mitigation Branch is to integrate hazard mitigation principles in a variety of ways to make Ohio communities more sustainable and citizens more resilient in the face of future disaster events. This mission is implemented through projects and planning efforts to reduce the cost of damage caused by disasters and minimize the impact on citizens, businesses, and properties. The Mitigation Branch maintains the State's All Hazard Mitigation Plan, coordinates the State Hazard Mitigation Team (SHMT), is the state entity responsible for implementing FEMA's hazard mitigation programs, and assists Ohio communities in their mitigation planning efforts.

State Hazard Analysis Resource and Planning Portal



[SHARPP Login](#)

[Mitigation News](#)

01.11.2017: Ohio EMA Now Accepting Safe Room Applications



**Above-Ground Steel**



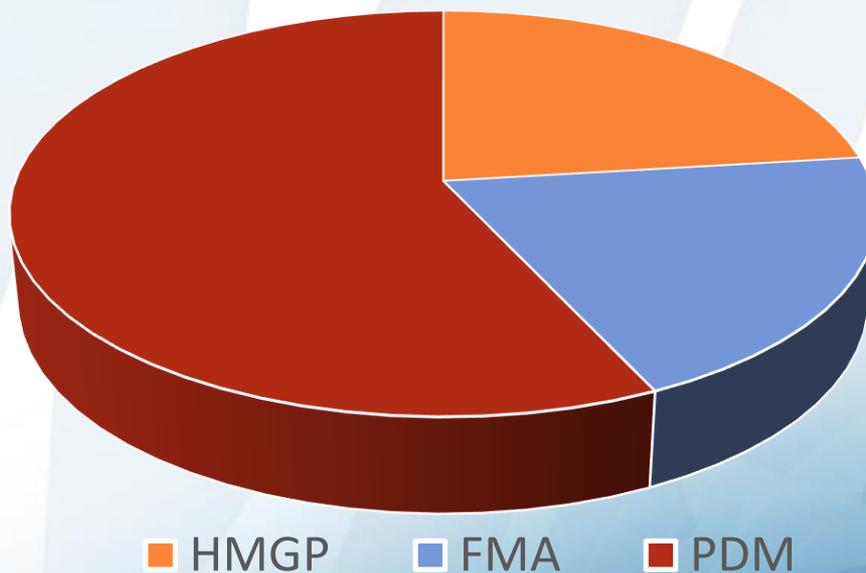
<https://sharpp.dps.ohio.gov/ohiosharpp/>



# Hazard Mitigation Assistance Projects

- 78 HMA projects totaling \$13 Million in Federal funding

Number of HMA Projects





# HGMP-DR-4360





# Delaware State Park Campground





# Toledo West Side Montessori Tornado Safe Room



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## WEST SIDE MONTESSORI

Community Safe Room Operations Plan



THE BLADE/DAVE ZAPOTOSKY  
Side Montessori School  
building to house a  
safe room.



# Tornado Safe Room Building Code Moratorium in Schools

- Applies only to school buildings
- September 15, 2019
- Meetings scheduled with the Ohio Facilities Construction Commission

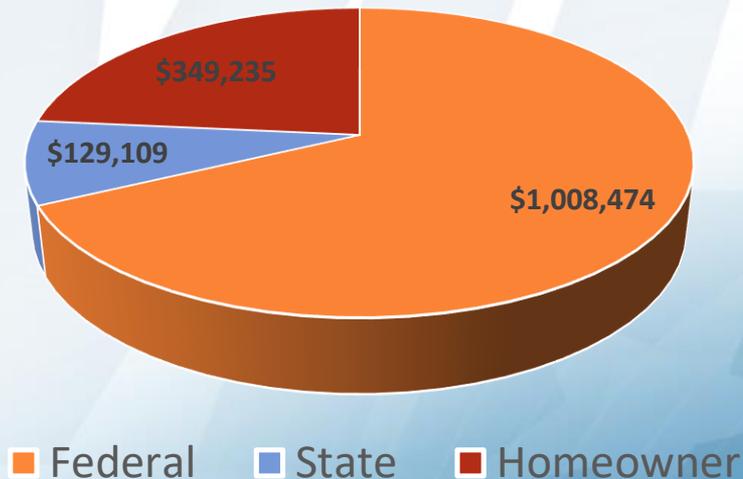




# Ohio Safe Room Rebate Program

- 184 safe rooms completed to date
- 168 safe rooms pending
- \$2.3 M awarded with \$1.5 M spent to date
- HMGP funded 106
- PDM funded 78

## Grant Funds Spent as of October 2018





# Application Website Update



Training and Exercise

Branches

News and Media

State Plans

Contact EMA

## Safe Room Rebate Program

Safe Room Rebate Program

Rules & Information

FAQs

Apply

Login

EMA / Mitigation / Safe Room Rebate Program

### PROGRAM RULES AND INFORMATION

The Ohio Safe Room Rebate Program was developed by the Ohio Emergency Management Agency to provide a rebate for the purchase and installation of safe rooms for Ohio homeowners. Homeowners that are selected for the program are eligible for a rebate of 75% of the cost to install/construct a safe room up to a maximum of \$4,875. The rebate is paid to the homeowner upon the completion of the safe room installation/construction and the submission of all required documentation.

Funding for the Ohio Safe Room Rebate Program is made available through the Federal Emergency Management Agency (FEMA) Hazard Mitigation Assistance (HMA) Grant Program (75%) and homeowner contributions (25%). The Ohio Emergency Management Agency plans to accept applications for the Ohio Safe Room Rebate Program and conduct a random drawing to create a priority list on an annual basis. The priority list of randomly selected applicants from the drawing will be notified by email. Being on the priority list does not guarantee your participation in the program. When and if funding becomes available, the amount of funding available will determine the number of rebates that will be offered.

About Safe Rooms

How the Program Works

#### Related Links

- [Certificate of Installation Form](#)
- [FEMA Safe Room Construction Videos](#)
- [FEMA Publication 320](#)
- [FEMA Publication 361](#)
- [FEMA Construction Plans](#)
- [ICC 500 Standard](#)

#### Still Have Questions?

Please contact us

Call (614) 889-7150

Monday - Friday  
8:00 A.M. - 5:00 P.M.







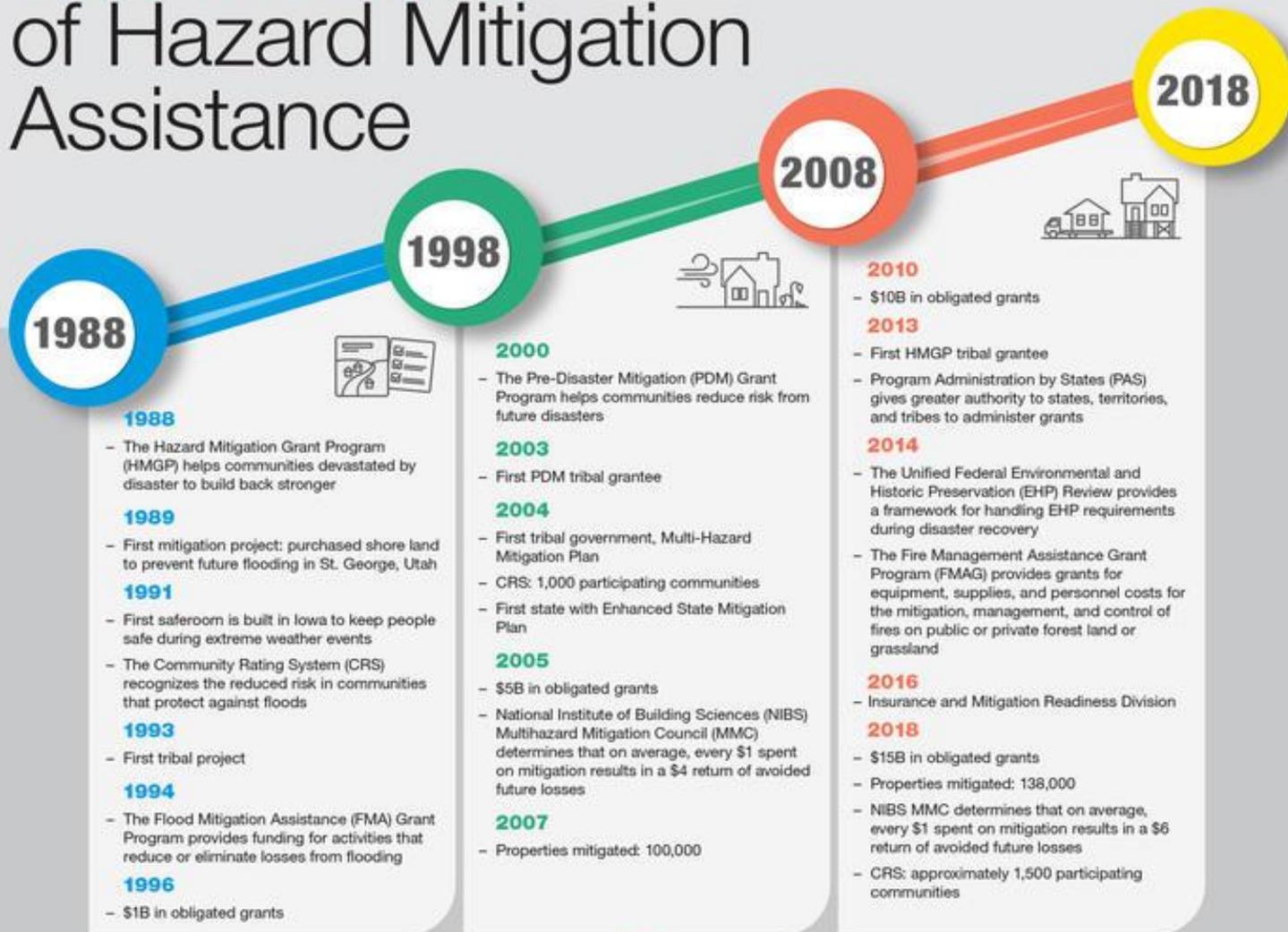
# Ohio EMA Flood Mitigation Technical Assistance

- Ohio EMA staff will:
  - Research data on flood insurance and repetitive loss structures in your community
  - Meet with your local mitigation planning team
  - Meet with local officials and/or property owners





# 30 Years of Hazard Mitigation Assistance



## LEGISLATIVE MILESTONES



**1988** Robert T. Stafford Disaster and Emergency Assistance Act  
**1993** Hazard Mitigation and Relocation Assistance Act  
**1994** National Flood Insurance Reform Act

**2000** Disaster Mitigation Act  
**2006** Post Katrina Emergency Management Reform Act

**2012** Biggert-Waters Flood Insurance Reform Act  
**2013** Sandy Recovery Improvement Act  
**2014** Homeowner Flood Insurance Affordability Act



# NIBS 2017 Interim Report: Natural Hazard Mitigation Saves

## National Benefit-Cost Ratio Per Peril

*\*BCR numbers in this study have been rounded*

### Overall Hazard Benefit-Cost Ratio

Federally  
Funded

**6:1**

Beyond Code  
Requirements

**4:1**

	National Benefit-Cost Ratio Per Peril <i>*BCR numbers in this study have been rounded</i>	Federally Funded	Beyond Code Requirements
 <b>Riverine Flood</b>		<b>7:1</b>	<b>5:1</b>
 <b>Hurricane Surge</b>		Too few grants	<b>7:1</b>
 <b>Wind</b>		<b>5:1</b>	<b>5:1</b>
 <b>Earthquake</b>		<b>3:1</b>	<b>4:1</b>
 <b>Wildland-Urban Interface Fire</b>		<b>3:1</b>	<b>4:1</b>



# New Outreach Efforts

- Esri Story Maps to highlight mitigation success stories
  - **Whims Ditch**  
<http://oema.maps.arcgis.com/apps/Cascade/index.html?appid=83452bcf6dc443ae8622841b81822fa4>
  - **City of Fairfield**  
<https://oema.maps.arcgis.com/apps/Cascade/index.html?appid=abb4b81b2cab48ef886e5298ce1a5040>
  - **Ohio Safe Room Rebate Program**  
<https://oema.maps.arcgis.com/apps/Cascade/index.html?appid=b3961d0529ad43f49f92dfcff95a9547>



# Disaster Recovery Reform Act

- Section 1234 – *National Public Infrastructure Predisaster Hazard Mitigation* - Allows for six percent of disaster costs to be available for pre-disaster mitigation if:
  - Building codes are adopted and enforced
  - Projects are cost effective
- Allows funds to be used for resilience and requires FEMA to define what resilience means
- Program expires in five years



# Disaster Recovery Reform Act

- Section 1210 – Duplication of Benefits (DOB)
  - Allows President to waive general prohibition on DOB
  - Directs that the President may NOT determine that a loan is a DOB
  - Allows HMGP funds to be used for eligible USACE projects



# OEMA Mitigation Branch Contacts

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