

Mitigation Concepts & Funding



Presenters

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A Known Hazard

- Floodplains are inherently hazardous places.
- Flooding is the most frequently reported hazard in Nebraska.
- In a 30-year mortgage, a home in the SFHA has 26% chance of experiencing a flood.
- Climate models show that NE is getting wetter, and
- Storm events will:
 - Increase in frequency
 - Increase in scale / intensity
 - Decrease in predictability

Why Reducing Flood Risk Makes Sense

Reducing flood risk...

- Decreases cost of flood insurance
- Safeguards lives and properties
- Helps maintain quality of life
- Preserve natural floodplain functions
- Improves community's resilience

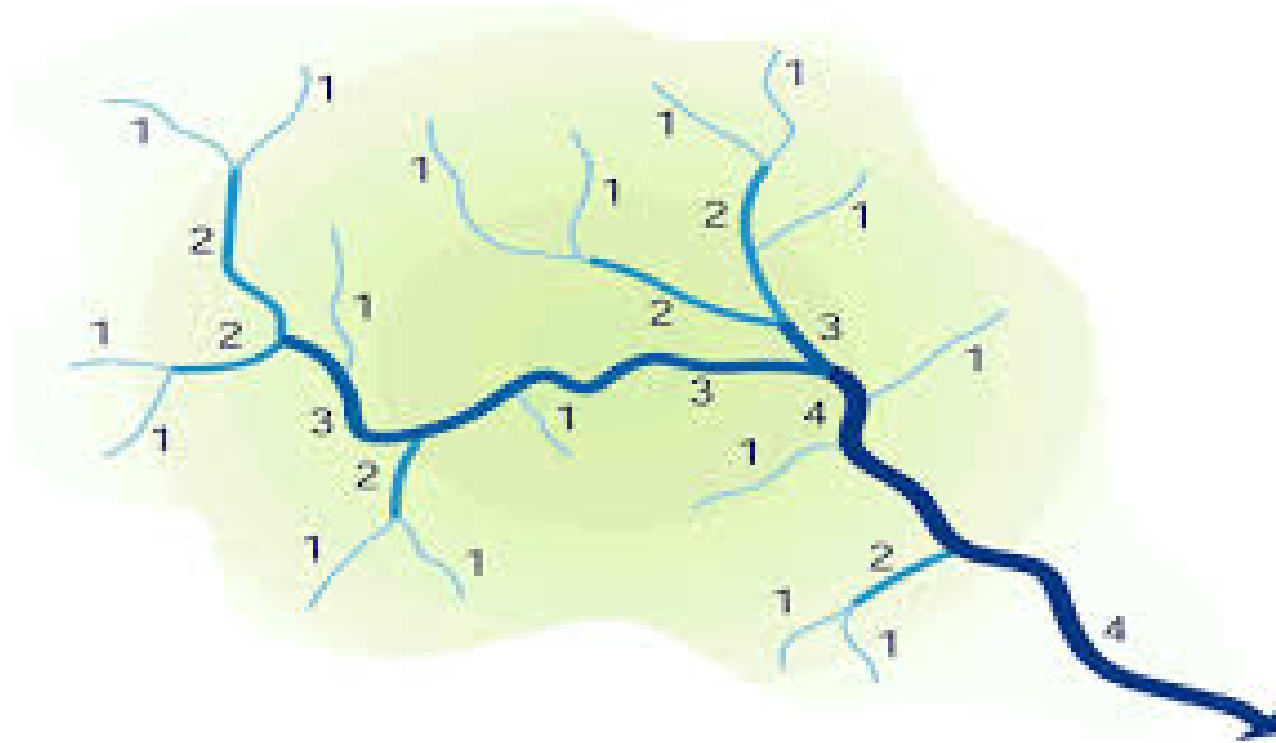
*We'll work with you to build
your community's flood resiliency.*



Many Ways to Mitigate



Watershed Approach



Nature-Based Solutions

Local solutions to manage rainwater where it falls

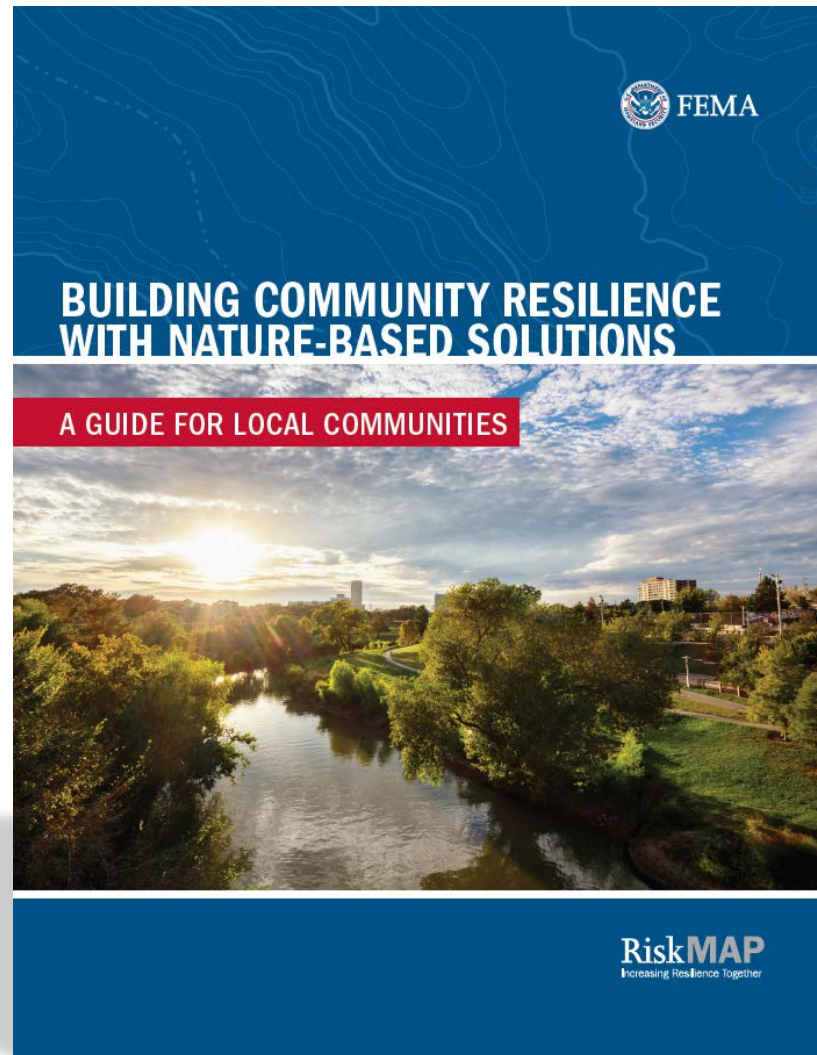


Nature-Based Solutions

Local solutions to manage rainwater where it falls

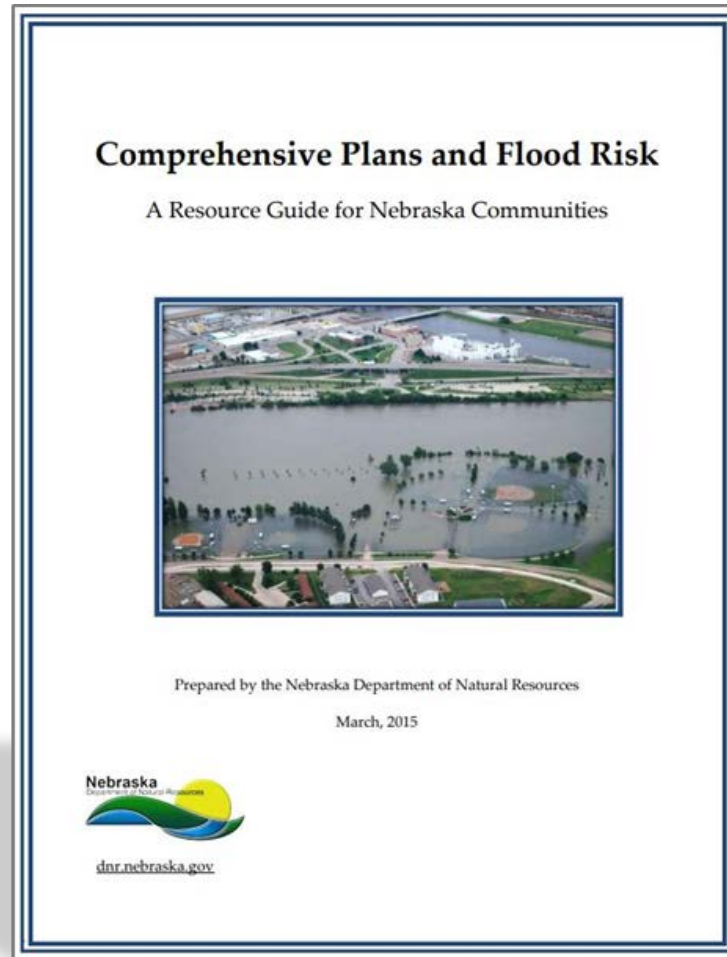


Nature-Based Solutions



Future Land Use Planning

Put flood risk information into your long-range plans



Critical Facilities

*Loss of critical facilities is debilitating for communities;
use flood risk data to safeguard them*



Home Elevation

Raising homes above flood waters can avoid repeated damages, costs, and community efforts



Buyouts / Relocation

Help restore natural floodplain function



EFFECTIVE MITIGATION IN BEATRICE, NE: A SNAPSHOT OF SAVINGS

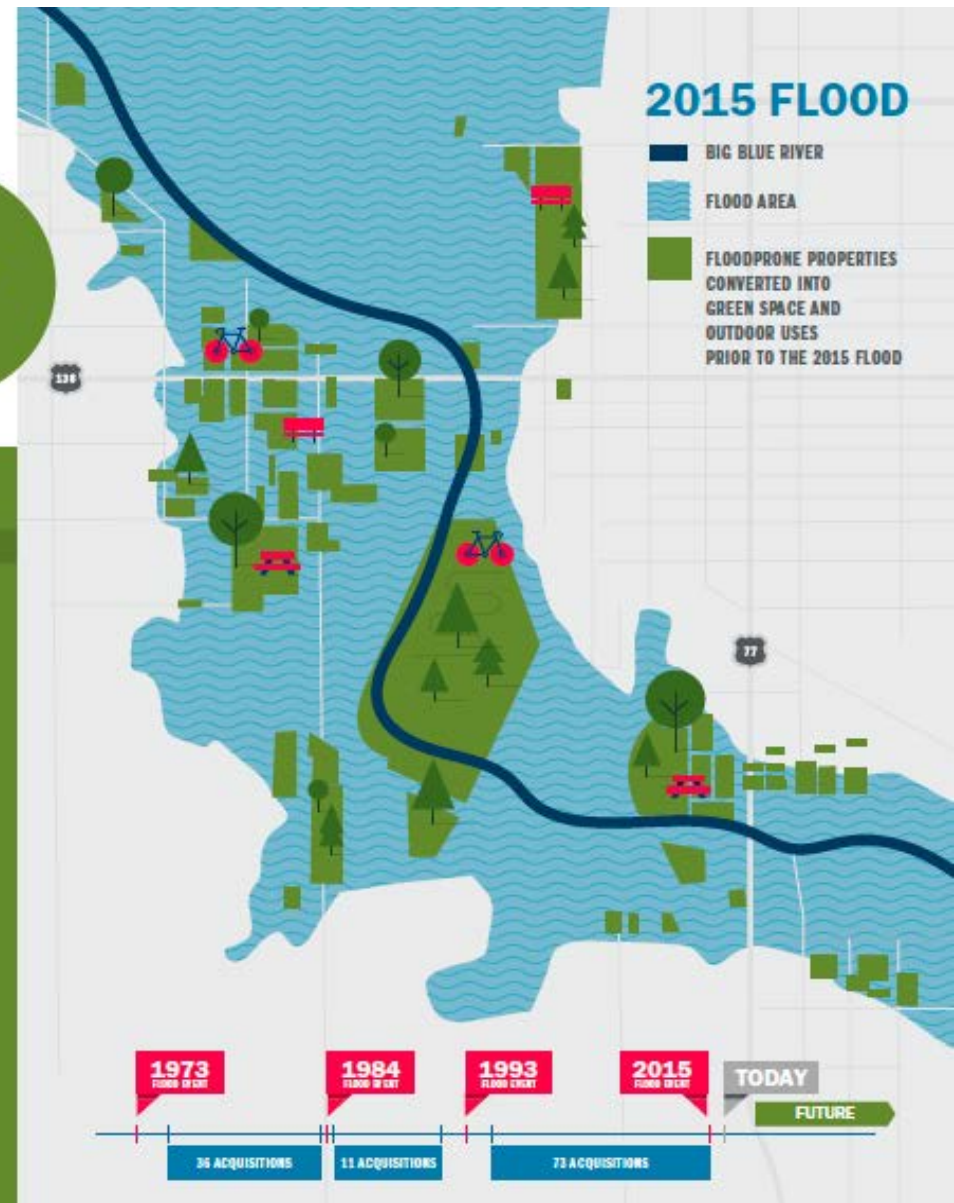
Following a historic flood in 1973, the City of Beatrice began purchasing and converting floodprone properties into parks, open space, hiking and biking trails, and other outdoor venues. From 1973 to 2014, the city bought 120 properties with an investment of \$4.9 million. Then, on May 7, 2015, the Big Blue River rose to its third highest crest and officials saw firsthand how their dedicated long-term approach and investment paid off.

$$\begin{array}{rcl}
 \$12.9 & - & \$4.9 = \$8 \text{ MILLION} \\
 \text{MILLION} & \text{MILLION} & \text{SAVINGS IN 2015} \\
 \text{(FLOOD LOSS AVOIDED)} & \text{(INVESTED)} & \\
 \hline
 & & \text{A 263\% RETURN ON INVESTMENT}
 \end{array}$$

This analysis shows a snapshot of savings the city realized through removing floodprone properties from flooding risk. This analysis does not include savings realized from other flooding events that have happened since the city began buying floodprone properties. Therefore, the city's total savings are even higher.

FOR MORE DETAILS AND TO START YOUR OWN EFFORT

<http://arcg.is/1LXIn5>



Potential Funding Sources

Funds are available

- FEMA Hazard Mitigation Grant Program (HMGP)
- FEMA Building Resilient Infrastructure & Communities (BRIC)
- FEMA Flood Mitigation Assistance Grants (FMA)
- HUD Community Development Block Grants (CDGB)
- Land and Water Conservation Fund (LWCF)
- Natural Resources Conservation Service (NRCS)
- National Fish and Wildlife Foundation (NFWF)
- Nebraska Environmental Trust (NET)
- Nebraska Community Foundation (NCF)
- Transportation grants



Hazard Mitigation at NEMA

Activities and Resources

Agenda

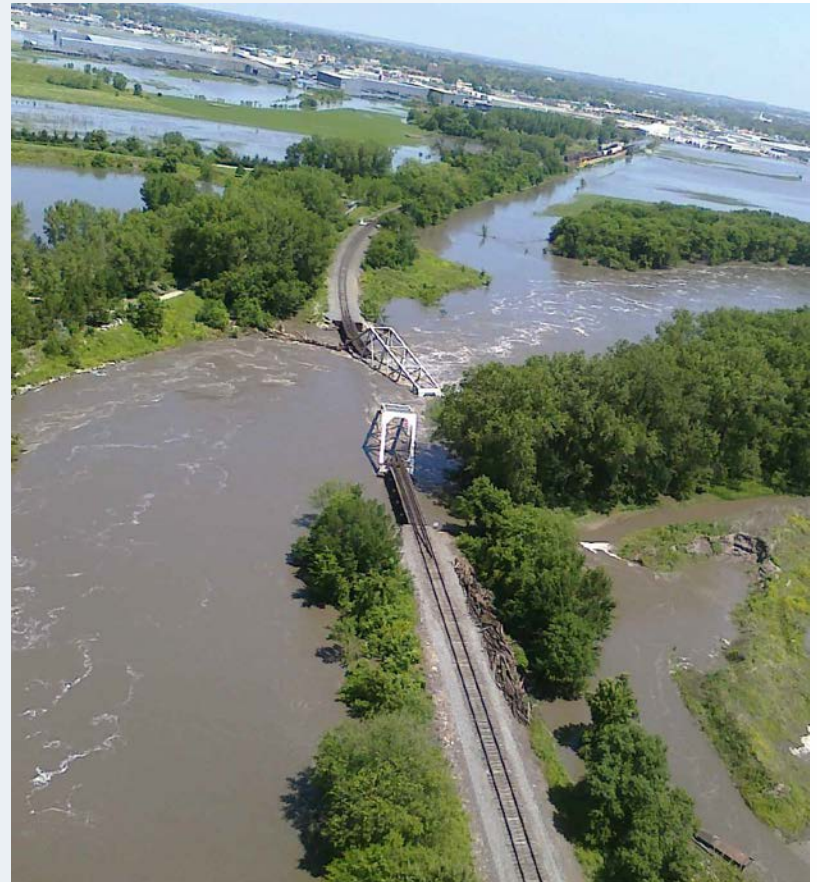
1. Update
2. Programs
3. Resources

Open Grants

- DR-4321 (Summer 2017)
- DR-4325 (Fall 2017)
- DR-4375 (Summer 2018)
- DR-4387 (Fall 2018)
- DR-4420 (Spring 2019)
- All grant combined estimate 75 million dollars
- Pre-Disaster Mitigation
 - FY2018
 - FY2019
 - FY2020
- Building Resilient Infrastructure in Communities (BRIC)
 - FY2021
 - FY2022

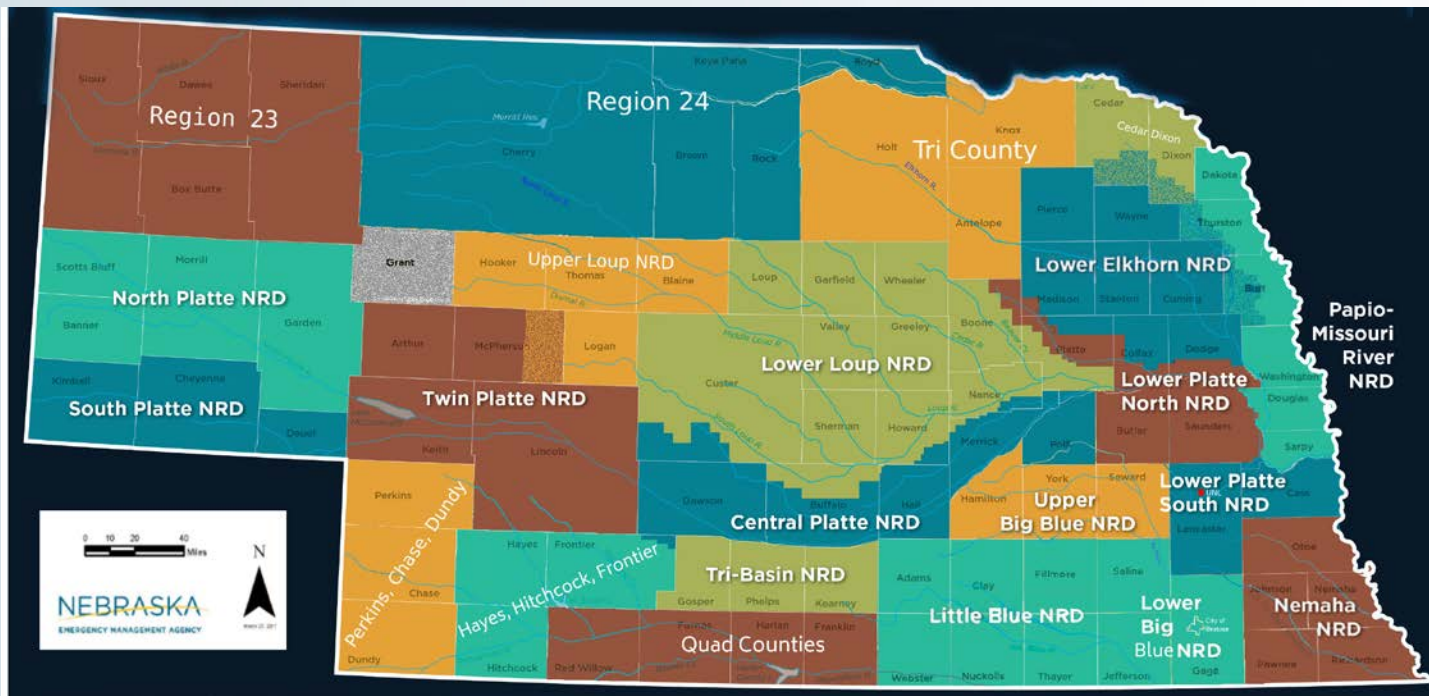
DR-4420-NE (2019 Flooding) Update

Status	# Apps	Total cost	Federal share
FEMA RFI #1	4	\$2,013,488.00	\$1,510,116.00
FEMA RFI #2	1	\$9,326,390.25	\$6,994,792.69
FEMA RFI Completed	5	\$12,336,125.00	\$9,252,093.75
FEMA Phase 1 Approved	2	\$8,086,357.47	\$6,064,768.10
FEMA Approved	24	\$16,841,778.92	\$12,631,334.19
Total	36	\$45,322,243.97	\$33,991,682.98



Mitigation Planning

- 21 Mitigation Plans
- Most are housed within the NRD's
- Participating is required to receive any HMA Funding



HMA Funding

- Hazard Mitigation Grant Program
 - Becomes eligible after a federally declared disaster
 - Open to the entire State, not just the impacted area
 - Managed by the Hazard Mitigation Unit at NEMA
- Building Resilient Infrastructure in Communities
 - Yearly, 6% set-aside from all federally declared disasters in the previous year
 - 2 Categories: state set-aside and nationwide competitive
 - Managed by the Hazard Mitigation Unit at NEMA
- Flood Mitigation Assistance
 - Yearly appropriation from Congress
 - National Flood Insurance Program (NFIP) Requirement
 - Managed by NeDNR

BRIC & FMA Update

- July 1st, FEMA announced the applications for the 2020 Building Resilient Infrastructure and Communities (BRIC) and Flood Mitigation Assistance (FMA) grants that have been selected for further review
- On May 24th, the White House released a statement committing \$1B for BRIC 2021
- FEMA will likely release the 2021 Notice of Funding Opportunity (NOFO) in August 2021 and open the application window in September
- We are identifying potential mitigation projects now – still accepting NOIs
- NEMA and NeDNR will work together to develop, review, and submit the BRIC and FMA applications for Nebraska in 2021



How to Apply / NOI Process

- Notice of Funding Opportunity will be post in the Fall of 2021
 - Outline FEMA and NEMA's priorities for the funding
 - Eligibility criteria and grant timeline
- Fill out and Notice of Interest; found here:
<https://nema.nebraska.gov/recovery/nebraska-state-hazard-mitigation-program>
- Return completed NOI to NEMA for review:
nema.hazardmitigation@nebraska.gov
- NOI will be reviewed by the HM Team and submitted to the Governor's Task Force – Disaster Recovery for review, comment, and prioritization
- If prioritized, the NOI will move into the application phase

TO BE COMPLETED BY NEMA HM STAFF	
Eligible activity under FEMA HMGP	Choose an item
If eligible, please provide a brief explanation:	Click or tap here to enter text.
Local Hazard Mitigation Plan Verification	Choose an item
NEMA Point of Contact assigned to project	Choose an item
Date NOI received	Click or tap to enter a date.

State of Nebraska Notice of Interest (NOI) Form FEMA Hazard Mitigation Assistance

This Notice of Interest (NOI) form gathers information required to apply for FEMA's Hazard Mitigation Assistance Programs, including the Hazard Mitigation Grant Program (HMGP) and the Building Resilient Infrastructure and Communities (BRIC) administered by the Nebraska Emergency Management Agency (NEMA). Hazard Mitigation Assistance makes federal funds available to states, US territories, Indian tribal governments, local governments, special districts, and eligible non-profits to implement mitigation activities. Hazard Mitigation Assistance grants may fund 75 percent of eligible project costs and require at least 25 percent local match. For more information and guidance material on the Hazard Mitigation Assistance programs, visit <https://www.fema.gov/grants/mitigation>.

To be considered to complete a full grant application, this NOI form must be completed and returned to NEMA. Applicants must have or participate in a FEMA-approved Local Hazard Mitigation Plan (LHMP). The proposed mitigation project must be consistent with the LHMP and an eligible activity under FEMA's Hazard Mitigation Assistance Guidance (2015) for a project award. Please contact the NEMA Hazard Mitigation team to discuss program eligibility and requirements: nema.hazardmitigation@nebraska.gov.

Return this form to nema.hazardmitigation@nebraska.gov.



Upcoming Events

- Engagement Opportunities
 - The NEMA HM is looking for opportunities to talk with entities and organizations about mitigation
 - Many folks outside EM are involved in HM, like roads departments, school districts, clerks, planning committees – we want to talk to them!
 - Please pass our contact info to these groups
- G393 – Mitigation for Emergency Managers
 - The NEMA HM team is available to teach G393 to local officials
 - This course provides training in how to perform mitigation activities to reduce or eliminate long-term risk from hazards.
 - Request course through your PET region or the NEMA training team

NEMA – Hazard Mitigation Unit

Points of Contact:

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