



Pennsylvania
Emergency Management Agency

Hazard Mitigation Assistance

DRBC 9 April 2025



Agenda

- **HMP Overview**
- **Hazard Mitigation Projects**
- **HM funding**
- **Resources**



What is Hazard Mitigation Planning (HMP)?

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

Hazard Mitigation is ‘before the water rises’



Why conduct HMP?

- **Required by Stafford Act of 1988 and Disaster Mitigation Act (DMA) 2000**
- **Required by FEMA to be eligible for HMGP (404 and 406), PDM, FMA, and SRL grants**
- **Serves to integrate other county and state plans**
- **Benefits beyond FEMA compliance and funding**
- **Other source of funding may come available**
- **Projects should be as 'shovel ready' as possible**
- **Aids in Preliminary Damage Assessment**
- **Protects your citizens and community**

When to conduct HMP?

State and County plans updated every five years

Municipalities adopt county plans

State and County plans should be *reviewed* each year

Whenever other plans that are or should be integrated with HMP
change

- Comprehensive plan

- Emergency Operations Plan

- Flood Plain ordinances, new DFIRMs

Plans can be *amended* at any time after adoption

Who does HMP....Here in PA?

- States and Counties create HMPs
- Municipalities *participate* in and *adopt* County HMPs
 - Likely grant applicants should also adopt the County HMP
- Counties should invite: *Stakeholders*
 - Municipalities, adjacent counties
 - **Municipal Authorities – water, sewer, transit, re-development etc.**
 - Public, land owners, businesses, NGOs, Institutions (health, education, penal, defense etc.)
 - State agencies: DOT, DEP, PSP, DCNR, DPW
 - Entities that cross the county: Railroads, highways, pipelines, power lines
 - *Upstream and downstream counties*
 - Silver Jackets

Municipal Impact

- **Municipalities must participate in County HMP update process**
- **Participation minimum threshold is likely to go up**
- **Municipal HM projects must be listed in County HMP**
- **Non-governmental organizations must participate in and adopt County HMP to have projects approved – new interpretation of existing 44 CFR**
- **Your project should be nested within and support County/State/FEMA guidance and priorities**

HM Project Eligibility Screening

- **County must have an approved and adopted All Hazard Mitigation Plan.**
- **Municipality must have participated and adopted the approved county plan.**
- **Requested project funding must have been identified as a mitigation activity in the county plan**
- **Project must meet the FEMA, State, and local municipal strategies**
- **Consistent with FEMA HMA Guidance**
- **Late adoptions, amendments and other work arounds are increasingly difficult**



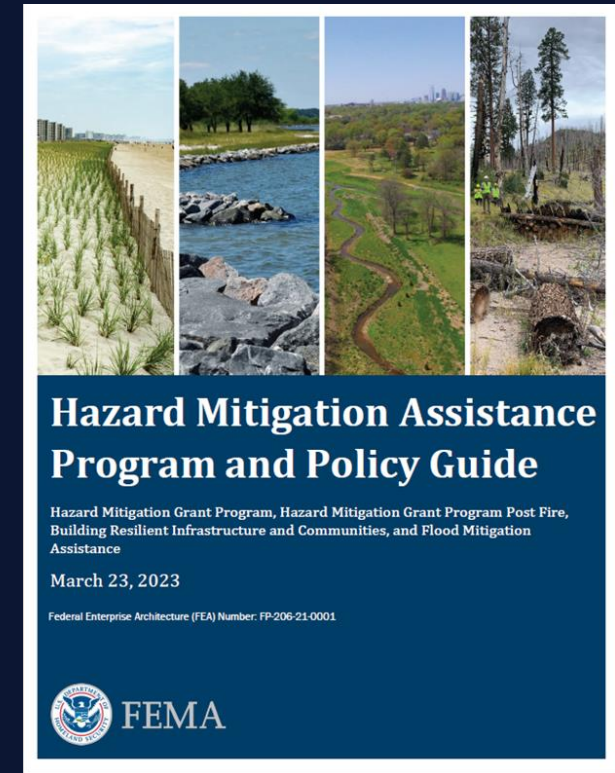
Hazard Mitigation Projects

What makes a 'good' project?

- **Pass screening criteria**
- **Support current PEMA and FEMA priorities**
- **Demonstrate $BCA > 1$**
- **Are integrated with other community plans**
- **Good projects get funded**

Screening Criteria: Part II

- **HMP requirements**
- **FAS Test**
 - **Feasible, Acceptable, Suitable**
- **Legal, Regulatory**
- **Permitted by FEMA HMA Guidance**
 - **If not, who else might fund?**
- **Benefit Cost Analysis > 1.0**



Good projects are integrated

- **Think globally....does it fit locally?**
- **Who is going to pay for it and what are their interests?**
- **How does this project fit with larger area plans like the watershed as a whole?**
- **Does it nest with MS4, environmental, economic policies?**
- **Natural Systems Protection vs high maintenance structures**

Typically funded projects

- **Hazard Mitigation / Resiliency Planning**
 - Project Scoping, Advanced Assistance
- **Acquisition and Demolition of flood prone properties**
 - Elevation, Demo. Rebuild
- **High Hazard Potential Dam renovation**
- **Small structural projects:**
 - Culvert replacement
 - Retention and detention basins
- **Stream bank stabilization and stream corridor restoration**
- **Riparian buffers**

Typically rejected projects

- **Dams, Dikes, Levees, Floodwalls**
- **Maintenance of existing projects and projects that will need maintenance**
- **Dredging, tubing, capping of streams**
- **Very large projects > \$10 million**
- **Very specific projects “fix creek to protect this house/neighborhood”**



Funding



Major sources of HM funding

- **Federal Emergency Management Agency (FEMA)**
 - **Pennsylvania Emergency Management Agency (PEMA)**
- **Housing and Urban Development (HUD)**
 - **PA Department of Community and Economic Development (DCED)**
- **U.S. Army Corps of Engineers (USACE)**
 - **PA Dep. Of Environmental Protection (DEP)**
- **Environmental Protection Agency (EPA)**
 - **PA DEP**
- **U.S. Department of Agriculture (USDA)**
 - **PA Dep. Of Agriculture**

FEMA funding

- **Disaster related**
 - **PA – Public Assistance**
 - **HMGP – Hazard Mitigation Grant Program**
 - **IA – Individual Assistance**
 - **SBA – Small Business Administration Loans**
- **Non-Disaster related**
 - ~~BRIC – Building Resilient Infrastructure and Communities~~ **CANCELED**
 - **FMA – Flood Mitigation Assistance**
 - **HHPD – High Hazard Potential Dam Program**

Hazard Mitigation Grant Program

- **HMGP – a federal disaster assistance program administered by PEMA to provide funding for specialized projects that reduce or eliminate disaster-related losses to life and property.**
- **Created in 1988 by the Stafford Act**
- **FEMA provides 75% match funds to States to fund post-disaster hazard mitigation measures.**
- **For most disasters, State will provide 25% of total cost.**
- **Overall Goal: Reduce vulnerability to natural hazards**

BRIC and FMA

- ~~BRIC — Building Resilient Infrastructure and Communities~~
- FMA — Flood Mitigation Assistance
- BRIC and FMA are annual appropriations by Congress vs episodic Disaster Declarations
- More money but spread across nation – competitive
- Replaced PDM – Pre-Disaster Mitigation Program
- 25% local match..... no state help
- Mission:
 - Through BRIC and FMA, FEMA continues to invest in a variety of mitigation activities with an added focus on infrastructure projects benefitting disadvantaged communities, nature based solutions, climate resilience and adaption, and adopting hazard resistant building codes.

Applying for FEMA Funding

HAZARD MITIGATION GRANT PROGRAM (HMGP)
Letter of Intent Pre-Application

SUBJECT: Hazard Mitigation Grant Program (HMGP) Letter of Intent
TO: State Hazard Mitigation Officer (SHMO)
Pennsylvania Emergency Management Agency
1310 Elmerton Avenue
Harrisburg, PA 17110

Dear SHMO:

The purpose of this notice is to inform you of our interest in participating in the Hazard Mitigation Grant Program for federally declared disaster FEMA-____-DR-PA.

Signature _____ Title _____
DATE: _____
APPLICANT COMMUNITY: _____
COUNTY: _____

PROJECT CONTACT

NAME: _____
TITLE: _____
AGENCY: _____
ADDRESS: _____
- _____
PHONE: _____
E-Mail: _____

TYPE OF ORGANIZATION

Municipal Government ☐ Private ☐ Nonprofit ☐
County Government ☐ State ☐ Agency ☐

LOCATION OF PROJECT: _____
BRIEF DESCRIPTION OF PROJECT: _____
BRIEF DESCRIPTION OF PROBLEM TO BE SOLVED: _____
TOTAL ESTIMATED COST: _____
SOURCE OF FUNDING FOR NON-FEDERAL SHARE: _____
FAX to PEMA at 717-651-2150 or mail to:

State Hazard Mitigation Officer
PEMA
1310 Elmerton Avenue
Harrisburg, Pennsylvania 17110

**PRE-APPLICATION MUST BE SUBMITTED BEFORE AN APPLICATION PACKET
WILL BE SENT TO YOU**

- Letter of Intent
- Required for all programs
 - BRIC, FMA, HMGP, HHPD
- PEMA will apply screening
- Valid HMP?
 - Proposed Project listed as MA?
 - Supported in HMA PPG?
- If pass screening....
 - HMGP: DCED Egrants...for now
 - BRIC/FMA/HHPD: FEMAGO

FEMA Grants Outcomes (FEMAGO)

Welcome to FEMA Grants Outcomes!
Grants Outcomes (GO) is FEMA's new platform for submitting, approving, and managing FEMA grants.

Log in

Email

Password

[Forgot password?](#)


Log in

[Create an account](#)

FEMA employees

Insert your PIV card into your smart card reader

Log in with your PIV card



1 Department of Homeland Security (DHS) Consent

You are about to access a Department of Homeland Security computer system. This computer system and data therein are property of the U.S. Government and provided for official U.S. Government information and use. There is no expectation of privacy when you use this computer system. The use of a password or any other security measure does not establish an expectation of privacy. By using this system, you consent to the terms set forth in this notice. You may not process classified national security information on this computer system. Access to this system is restricted to authorized users only. Unauthorized access, use, or modification of this system or of data contained herein, or in transit to/from this system, may constitute a violation of section 1030 of title 18 of the U.S. Code and other criminal laws. Anyone who accesses a Federal computer system without authorization or exceeds access authority, or obtains, alters, damages, destroys, or discloses information, or prevents authorized use of information on the computer system, may be subject to penalties, fines or imprisonment. This computer system and any related equipment is subject to monitoring for administrative oversight, law enforcement, criminal investigative purposes, inquiries into alleged wrongdoing or misuse, and to ensure proper performance of applicable security features and procedures. DHS may conduct monitoring activities without further notice.

1 Privacy Act Statement

AUTHORITY:
FEMA is authorized to collect the information requested pursuant to 44 U.S.C. § 3101; Executive Order 9397, as amended by Executive Order 13487; and 44 U.S.C. § 3534.

PURPOSE(S):
This information is collected so that FEMA can process grant awards through the FEMA Grants Outcomes (GO) system.

ROUTINE USE(S):
The information on this form may be disclosed as generally permitted under 5 U.S.C. § 552a(b) of the Privacy Act of 1974, as amended. This includes using this information as necessary and authorized by the routine uses published in DHS/ALL -- 004 General Information Technology Access Account Records System of Records, 77 Fed. Reg. 70792, (Nov. 27, 2012), and upon written request, by agreement, or as required by law. The Department of Homeland Security's Systems of Records notices may be found at <https://www.dhs.gov/system-records-notices-soms>.

DISCLOSURE:
The disclosure of information on this form is voluntary, however failure to provide the information requested could delay or prevent FEMA from granting access to FEMA GO.

- **FEMAGO – Login**
- **Much more difficult than egrants**
- **Get account....then**
- **Find SAMS.gov POC...then**
- **Get SAMS.gov POC to get their own FEMAGO account....then**
- **SAMS.gov POC gives you SAR permissions in FEMAGO**

Do you know your UEI?

Can PEMA see your organization in FEMAGO?

PA EMERGENCY MANAGEMENT AGENCY GOVERNORS OFFICE COMPTROLLER NCLCGQ5YRBL7

My suborganizations [+ Add a suborganization](#)

Suborganization name	Mailing address	UEI-EFT	DUNS#	EIN#	Action
County Of Dauphin	2 South Second Street Harrisburg, PA 17101	RJSMZ9ENFXB8	071207955	236003043	Manage

Search [Clear](#)

☐ UEI-EFT ☐ DUNS#

☐ EIN# ☒ Suborganization name

☐ Address

dauphin

Sort

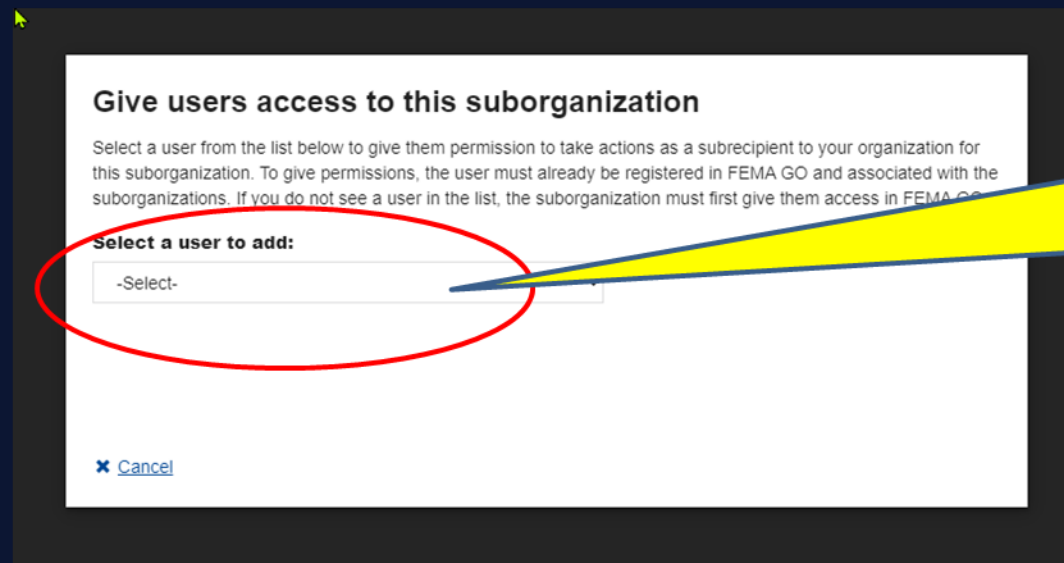
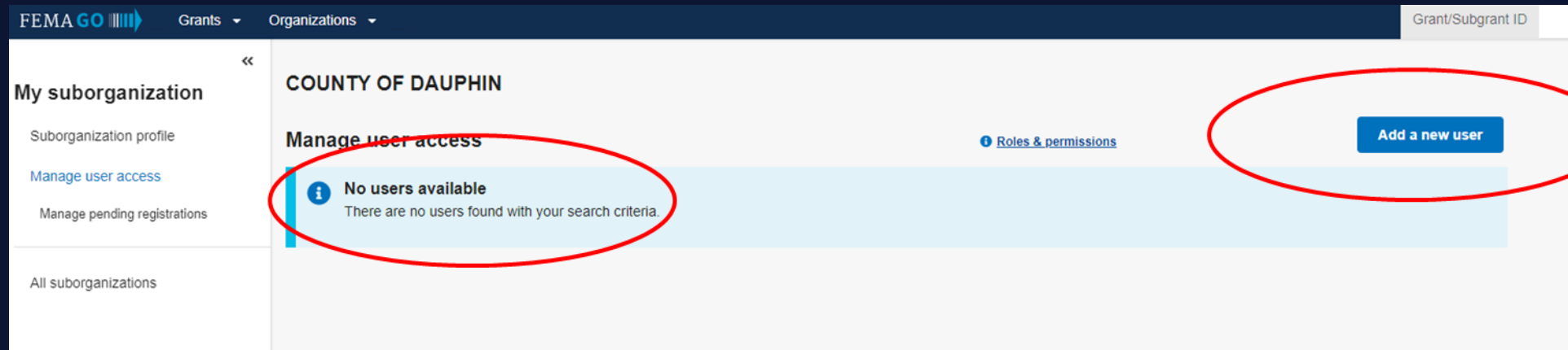
Sort by

Suborganization name

☒ Ascending ☐ Descending

- **Your organization must be listed by UEI (Unique Entity Identifier)**
- **You must be a SAR (Subrecipient Authorized Representative)**
- **Must list SAR permissions for BRIC, FMA, HHPD**

Can PEMA see *you* in FEMAGO?



If I can't see a name here, we are dead in water

SAMS.gov POC

The screenshot displays the SAMS.gov search page. At the top, there are alerts for 'Important Regs and Certs Update' and 'CAGE Maintenance Impact to SAM.gov'. The main navigation bar includes 'Home', 'Search', 'Data Bank', 'Data Services', and 'Help'. The search bar contains the text 'e.g. 1606N020Q02'. Below the search bar, there are two main sections: 'Select Domain' (set to 'All Domains') and 'Filter By'. The 'Filter By' section includes a 'Keyword Search' area with 'Simple Search' and 'Search Editor' tabs. Under 'Simple Search', there are radio buttons for 'Any Words', 'All Words' (selected), and 'Exact Phrase'. Below this is a text input field with the example 'e.g. 1606N020Q02'. Further down, there is a 'Federal Organizations' section with a dropdown menu for 'Enter Code or Name' and a 'Status' section with checkboxes for 'Active' (checked) and 'Inactive'. A 'Reset' button is at the bottom right of the filter section. To the right of the filter section is a 'Select Criteria' button with a left arrow and the text 'Choose your filters and run your report to begin.'

- **SAM.gov | Search**
- **System of Award Management**
- **You have a SAMS.gov POC if you get money from the Feds.**
- **Contact PEMA (Ernie) to find out your SAMS.gov POC**
- **They get their own FEMAGO account and then give you SAR permissions**
- **Some have had issues with emails not matching**

Do you know your UEI?

404/406/407 Funding

- **406 used in conjunction with Public Assistance funding to repair damage**
- **404 mitigates undamaged items**
- **407 Debris removal**

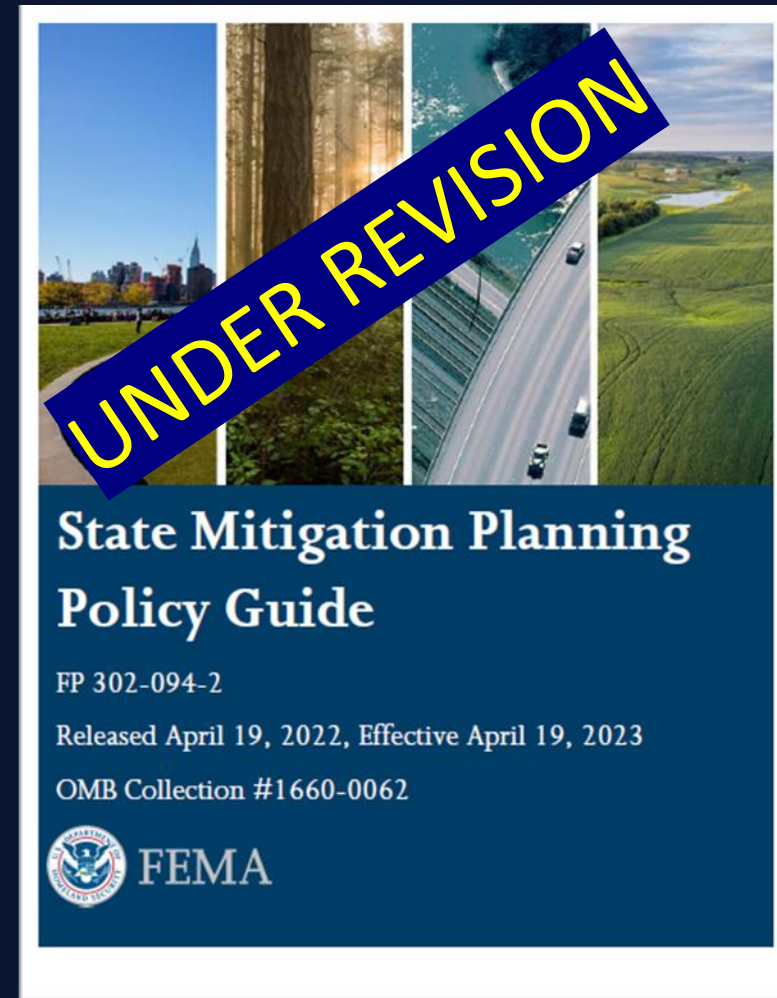
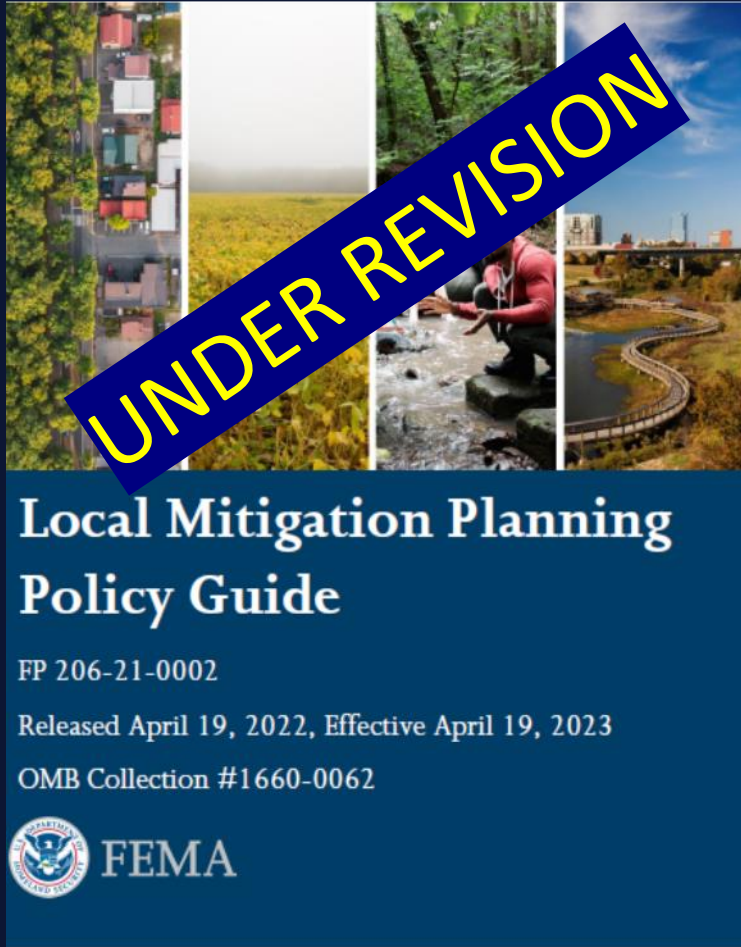
Mitigation Actions and 406 Funding

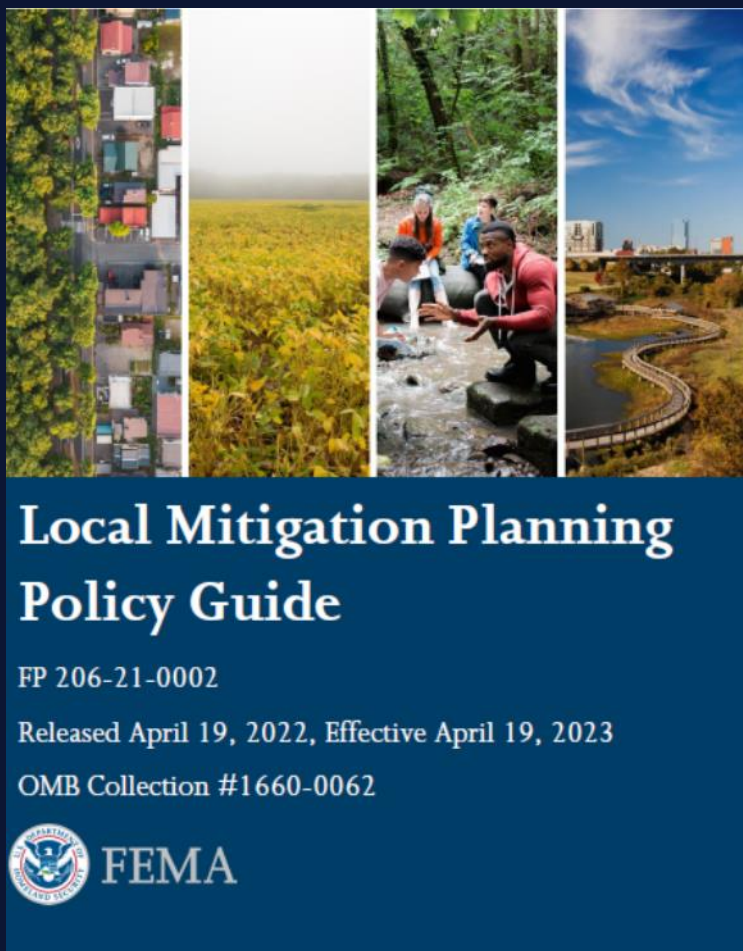
- **Sec. 406. Repair, Restoration, and Replacement of Damaged Facilities (42 U.S.C. 5172) C.1.B.iii pp.34**
- **(iii) to fund hazard mitigation measures that the State or local government determines to be necessary to meet a need for governmental services and functions in the area affected by the major disaster.**
- **A way:**
 - **Identify every culvert, bridge, sewer plant, road etc. that are routinely damaged by flooding.**
 - **Develop a Hazard Mitigation project for each with estimated costs**
 - **Record every incident to build BCA**
 - **Have data on hand when conducting PDA after a disaster**



Resources







- **Contains detailed plan requirements from FEMA**
- **Use crosswalk format on p. 50**
- **Ensure plan answers detailed requirements in crosswalk**
- **New version dated April 19, 2022**
- **BEING REVISED**

https://www.fema.gov/sites/default/files/documents/fema_local-mitigation-planning-policy-guide_042022.pdf



SILVER JACKETS

Many Agencies One Solution

INTERAGENCY FLOOD MITIGATION PROGRAM GUIDE

Developed and finalized by our Pennsylvania team July 2011 – being used across the country now as a Best Practices Reference Document

http://www.portal.state.pa.us/portal/server.pt/community/programs_and_services/4547/hazard_mitigation_forms_presentations_and_other_documents/806856

[PA Silver Jackets Program Guide FINAL JUL 2011.pdf](#)

<http://www.WAB.USCAR.ARMY.MIC/SILVERJACKETS>

Flood Risk Management Tool

State Resources

- **DEP**
 - **Act 13 Funds** <https://dced.pa.gov/programs-funding/commonwealth-financing-authority-cfa/act-13-programs/>
 - **Growing Greener Watershed Protection Grants**
 - **Capital Projects**
- **DCED – Community Development Block Grants (CDBG and CDBG-DR)**
- **PENNVEST -** <https://www.pennvest.pa.gov/Information/Funding-Programs/Pages/default.aspx>
- **PA Silver Jackets**

Local Resources

- **Sewer Authorities and Storm Water fees**
- **Levy fee – Luzerne County**
- **Private Firm - Autoneum contributing \$2m to Bloomsburg Flood Wall**
- **Rights of Way and Easements, swapping development rights**
- **Chesapeake and Delaware River Basin Commissions**
- **Environmental Groups**
- **Universities – internships and grant writing**
- **Volunteer hours**
- **Student Internships, Habitat for Humanity, Red Cross**
- **Contact PEMA for ideas**

Dept of Conservation and Natural Resources (DCNR)

- **Grants Page: <https://brcgrants.dcnr.pa.gov/>**
- **Rivers Conservation Grants**
- **Land Acquisition and Conservation Funding**
- **Community Recreation and Conservation Planning Funding**
- **Master Site Development Plans**
- **Park Rehabilitation and Development Funding**
- **Riparian Forest Buffer Funding**

Contact Information

- **FEMA R3 Community Planning Lead for Pennsylvania: Matthew McCullough**
 - **Matthew.McCullough@fema.dhs.gov (215) 268-2144**
- **State HM Planner: Ernie Szabo**
 - **erszabo@pa.gov; Work – (717) 651-2159, Mobile – (717) 756-2159**
- **State Hazard Mitigation Officer: Rick Deal**
 - **rdeal@pa.gov**



Other Contacts

- **PA State NFIP Office:**
 - Ken Roberts – State NFIP Coordinator - kennrobert@pa.gov 717.651.2141
 - Cody Hoffman: codhoffman@pa.gov
- **PEMA Recovery Office:**
 - Jonathan A. Skripka – Director Disaster Recovery Assistance jskripka@pa.gov 717-651-2157
- **PEMA Resiliency Office:**
 - Eric Leeds erleeds@pa.gov (717) 651-2044