



# USACE Programs

**Flood Plain Management Services  
Planning Assistance to States**



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**Description:** Under the **PAS** program, the Corps can provide technical planning assistance in all areas related to water resources development in which the Corps has expertise. These areas include, but are not necessarily limited to, the following:

Flood Risk Reduction	Hydrologic Analysis	Bank Stabilization
Hydraulic Analysis	Sedimentation	Hydropower
Dredging	Flood Hazard Mitigation	Navigation
Environmental	Hazardous Toxic Wastes	Fish and wildlife
Water Conservation	Cultural Resources	Water Quality
Flood Risk Information	Surface Water	Ecosystem Watershed Planning
Ground Water Planning	Recreation	Streambed Degradation

**Description:** Under the **FPMS** program, a full range of information, technical services, and planning guidance needed to support and promote effective flood risk management can be provided by the Corps through the following:

Floodplain Delineation	Flood Damage Reduction	Flood Hazard Evaluation Studies
Dam Break Analysis	Urbanization Impact Studies	Flood Warning/Preparedness
Stormwater Management	Regulatory Floodway Studies	Nonstructural Assessments
Comprehensive Floodplain	Inventory of Flood-Prone Structures	
Flood Mitigation Studies		



# Flood Plain Management Services (FPMS)

## **In a nutshell:**

- **FPMS Program studies are 100% Federally funded or funding provided by government entity thru cost-recovery.**
- **Initiated thru simple Letter Agreement.**
- **Annual funding dependent upon budget priority.**
- **Planning authority only. Does not lead to construction.**
- **Projects are generally associated with flood risk identification, flood risk reduction, or flood risk management.**



# Planning Assistance to States (PAS)

## **In a nutshell:**

- **PAS Program studies are cost-shared 50% Federal / 50% local sponsor.**
- **Initiated thru simple Agreement.**
- **Local Sponsor may provide in-kind services in lieu of cash.**
- **Maximum annual state funding limits: \$2,000,000.**
- **Planning authority only. Does not lead to construction.**
- **Projects may include water quality, water supply, water demand, environmental conservation/restoration studies, wetlands evaluations, dam safety/failure, and coastal zone management/protections studies**



# FPMS and PAS Programs as a Function of Flood Risk Management

**Goal:** Improve management and effectiveness of FPMS and PAS programs to better address pre- and post-flood priorities that enable risk-reducing mitigation actions.

**Purpose:** Coordinate and manage pre- and post-flood planning and technical services activities provided through the FPMS and PAS programs to better support USACE priorities. These programs provide important services throughout the flood risk management life-cycle. By better managing and coordinating these program activities and services to support collaborative priorities, study activities will be optimize to more effectively assist in managing flood risk.



# USACE Flood Risk Management and Planning Leadership Strategic Objectives for the FPMS Program

## USACE Leadership will:

- Identify subject matter experts to oversee the review and allocation of funds
- Develop an overarching strategy for execution of the program to address the issues of vision, focus, and values of the program through program execution and program funding priorities.
- Ensure funding priorities account for the benefits a FPMS project provides as part of a community's or a state's overall flood risk management plan to reduce flood risks.
- Endorse utilization of State Silver Jackets teams or intergovernmental partnerships to provide information regarding a project's importance in a community's or state's overall flood risk management plan.



# USACE Flood Risk Management and Planning Leadership Strategic Objectives for the FPMS Program

- continued -

## USACE Leadership will:

- Ensure the program continues to be a means for states and communities to access the full range of services which USACE can provide under this authority.
- Ensure the program serves the needs of the taxpayers.



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# USACE Flood Risk Management and Planning Leadership Strategic Objectives for the PAS Program

## USACE Leadership will:

- Identify subject matter experts to develop an overarching strategy that best utilizes the resources of this program to support the Corps' Campaign Plan Goals and the Civil Works Strategic Objectives.
- Develop an overarching strategy for the execution of the PAS program to address program priorities.
- Ensure the overarching strategy allows the USACE to cooperate with any State in the preparation of comprehensive plans for the development, utilization, and conservation of the water and related resources of drainage basins, watersheds, or ecosystems located within the boundaries of such State
- Will work collaboratively to construct an overall prioritization of the overall program.





# Standard Process for Initiating FPMS or PAS Study

The basic steps to follow to initiate a study:

1. Request assistance from USACE District Planning office
2. Collaborate on the development of study objectives and goals
3. Develop a comprehensive scope of work
4. Develop a detailed cost estimate (include milestones)
5. Develop a workable study schedule
6. Develop and finalize study agreement
7. Establish funding (request federal, request local, or in-kind services)
8. Initiate study upon receipt of funds



# USACE Division Assignments of FPMS/PAS Programs

**CENAD -** Connecticut  
Delaware  
District of Columbia  
Maine  
Maryland  
Massachusetts  
New Hampshire  
New Jersey  
New York  
Pennsylvania  
Rhode Island  
Vermont Oklahoma  
Virginia Texas

**CESAD -** Alabama  
Florida  
Georgia  
North Carolina  
Puerto Rico  
South Carolina  
U.S. Virgin Islands

**CELRD -** Indiana  
Kentucky  
Michigan  
Ohio  
Tennessee  
West Virginia

**CEMVD -** Illinois  
Iowa  
Louisiana  
Minnesota  
Mississippi  
North Dakota  
Wisconsin\*

**CENWD -** Idaho  
Kansas  
Missouri  
Montana  
Nebraska  
Oregon  
South Dakota  
Washington  
Wyoming

**CESWD -** Arkansas

**CESPD -** Arizona  
California  
Colorado  
New Mexico  
Nevada  
Utah

**CEPOD -** Alaska  
American Samoa  
Guam  
Hawaii  
Commonwealth of  
Northern Mariana Islands  
Trust Territory Pacific  
Islands (Palau only)



**FPMS and PAS are great programs for working thru flood risk concerns.  
Ask your local Corps of Engineers representative, which program is right for you**

## **Questions or Comments**

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