

Welcome to the Floodplain Management Services Program (FPMS) / Planning Assistance to States and Tribes (PAS) Overview

U.S. Army Corps of Engineers Chicago District

- For **audio**:
 - Use the “call me” function OR
 - Call in: +1-844-800-2712; access code: 1994 69 9454
- Please **introduce yourself**, your organization, agency, or tribe in the chatbox
- Please remember to **keep yourself on mute** throughout the presentation
- If you have any **questions/comments**, write them in the chatbox
- The presentation will be recorded and distributed to attendees following the meeting.



US Army Corps
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Tribal Liaison

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Agenda

- What is the Floodplain Management Services (FPMS) program?
- Types of services and common deliverables
- Examples of current and past studies
- FPMS Proposal Cycles and Deadlines
- Submitting applications
- Other USACE programs: Planning Assistance to States and Tribes (PAS)
- Other USACE programs: Continuing Authorities Program (CAP)
- Tribal Partnership Program (TPP)
- Q&A



What is the Floodplain Management Services (FPMS) Program?

- Provides information, technical support and guidance to communities on flood hazards to guide floodplain development.
- Proposals should seek to reduce flood risk through natural, nature-based or nonstructural means.
- Does not result in design or construction and should not duplicate efforts under other authorities.
- Disadvantaged Community focus is a priority.
- Typically take about 12 months but can extend up to 24.
- Budget typically \$50K - \$100k; Generally no more than \$150k.
- Competitive program; not a grant program.
- Start in fiscal year 2025.



Chicago District Boundaries



Types of Services

- **General Technical Services:** Flood and floodplain data is obtained or developed and analyzed. Outreach to communities, localities, and other public entities may be provided.
- **General Planning Guidance:** Assistance and guidance is provided on floodplain management planning.
- **Guides, Pamphlets, and Supporting Studies.** Flood and floodplain data/information are obtained and disseminated to states, local governments, federal agencies, and private citizens.

Common Products

- Flood Modeling and Preparedness
- Flood Hazard Vulnerability Analysis
- Flood Proofing
- Inundation of Flood Plain Mapping
- Hurricane Preparedness and Evacuation
- Evacuation of Structural and Nonstructural Alternatives
- Storm Water Management
- Emergency Action Plain/Floodplain Management Plan
- Dam Failure Analysis
- Inventory of Flood Prone Structure
- Nonstructural Flood Risk Management Workshops
- Risk Communication and Public Education
- Natural and Nature-Based Solutions
- Assessment Tools and Processes



Examples of Past and Current FPMS Studies

Posen, IL Floodplain Analysis (ongoing)

- Assessing flood-prone areas with the goal of alleviating an overloaded combined sewer system and removing the Village from FEMA's Zone A
- Study is performed in partnership with the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC)

East River Watershed, WI (FY23)

- Three studies in the East River watershed that addressed stakeholder coordination and community outreach, a flood warning system through a future gage installation, and a flood storage analysis
- Study partners included the East River Collaborative, Brown County Emergency Management, the City of Green Bay and the National Weather Service



Examples of Past and Current FPMS Studies (cont'd)

Kankakee / Yellow River, IN Flood Preparedness Plan (FY23)

- Facilitated three workshops for eight counties addressing flood preparedness and response for the Kankakee and Yellow River Basins. Workshops included flood planning scenarios and mapping exercises for emergency responders
- Study partners included the Kankakee / Yellow River Commission, eight counties, IN Department of Natural Resources, IN Department of Homeland Security, the National Weather Service and the U.S. Geological Survey





Submitting Request Letters and Relevant Materials

- **How to Apply:**
 - ✓ Submit request letter to Kira.M.Baltutis@usace.army.mil and David.R.Handwerk@usace.army.mil (we can assist in preparation)
 - ✓ Include information on the nature and location of flooding.
- **Deadline: June 7, 2024 (earlier coordination appreciated)**
- **Contact for Questions:** Kira Baltutis at Kira.M.Baltutis@usace.army.mil or Dave Handwerk at David.R.Handwerk@usace.army.mil

Planning Assistance to States and Tribes (PAS)

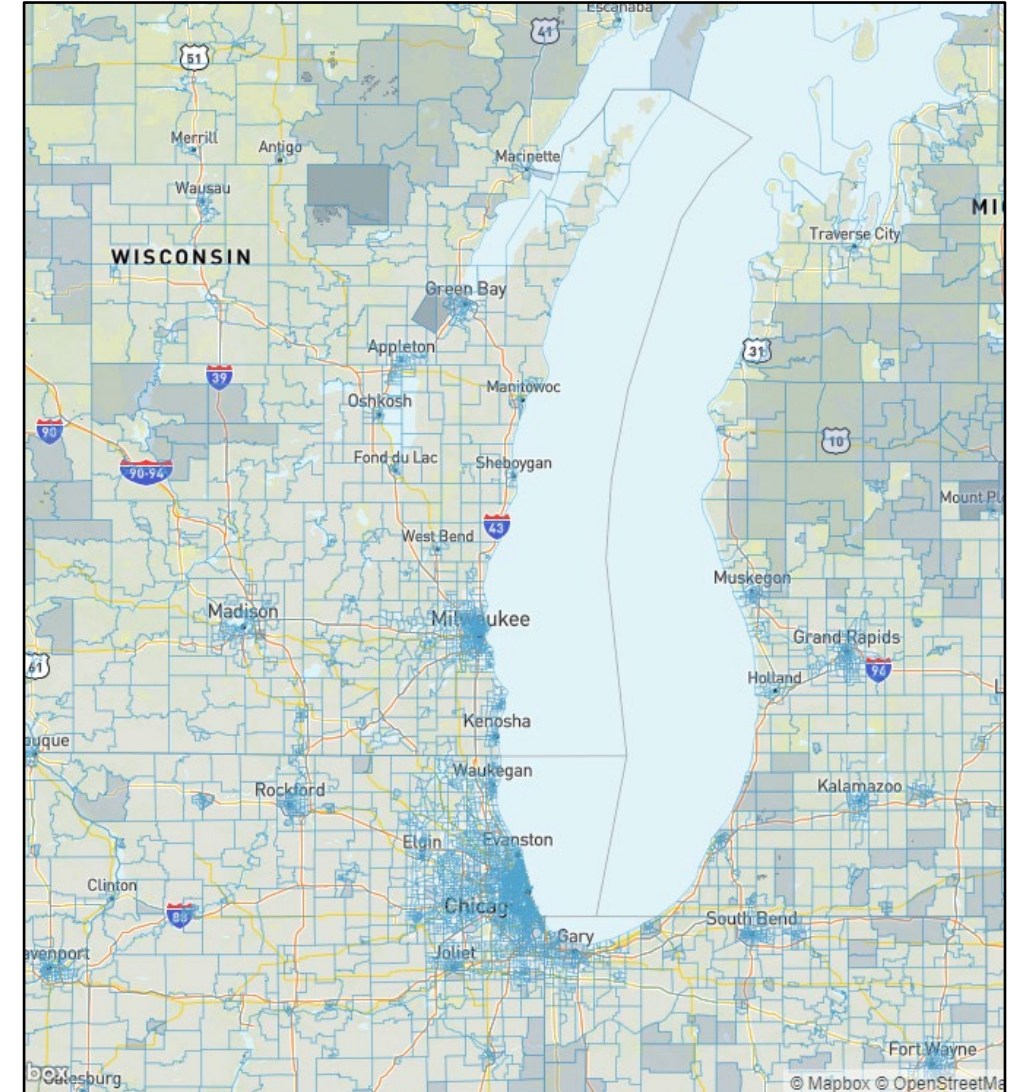
- Planning assistance to states, Native American Indian tribes, and local governments to manage their water and related land resources.
- Non-Federal governments or non-profit organizations.
- Does not provide Federal funding for project design and implementation.
- 50-50 Cost sharing*.
- Non-Federal share can include work in kind.
- Broader range of services than FPMS.
- Can be larger budget than FPMS.



Chicago District Boundaries

Planning Assistance to States and Tribes (PAS) Cost Share Waiver

- Section 8119 of the Water Resources Development Act of 2022 provides for **100% Federal funding** for PAS studies in economically disadvantaged communities.
- Economically Disadvantaged Communities:
 - Federally Recognized Tribe,
 - Climate and Economic Justice Screening Tool (CEJST) (<https://screeningtool.geoplatform.gov>),
 - Low per capita income of 80 percent of the national average and/or,
 - Unemployment rate at least 1 percent greater than the National Average.
- We can assist in determining eligibility.





Examples of Past and Current PAS Studies

Chicago Waterways Restoration Framework Plan

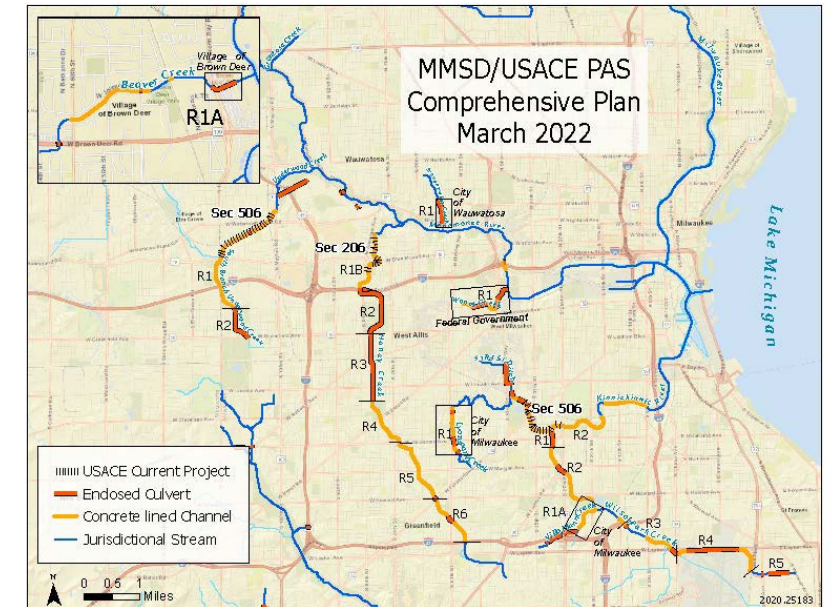
- County wide investigation of potential for improved recreational and ecological function of Chicago Waterway system.
- Multi-Agency Study – City of Chicago, Chicago Park District, MWRDGC, Cook County Forest Preserve District.
- Will be used in an upcoming Authorized Corps Feasibility Study.



Examples of Past and Current PAS Studies (cont'd)

Milwaukee, Wisconsin Channel Assessment

- Assessment of 7.6 miles of concrete lined channels and 6.4 miles of enclosed culverts.
- Focus on developing a comprehensive plan for channel naturalization to improve ecological function while maintaining drainage capacity.
- Project Partner – Metropolitan Milwaukee Sewerage District.





Continuing Authorities Program (CAP)

- Standing Congressional Authorizations for smaller Corps projects.
- Includes Feasibility, Design, and Implementation.
- Feasibility Phase 50% Federal / 50% non-Federal cost share (first \$100k full Federal).
- Implementation typically 65% / 35% cost share.
- Federal cost limits.
- Competitive Program.
- Some Current Examples:
 - Underwood Creek, WI (Section 206)
 - Red Mill Pond Dam Removal, Portage, IN (Section 206)
 - Joliet, IL Levee Rehabilitation (Section 205)

CAP Authorities and their Project Purposes

Section 14: Streambank and shoreline erosion protection of public works and non-profit public services

Section 103: Beach erosion and hurricane and storm damage reduction

Section 107: Navigation improvements

Section 111: Shore damage prevention or mitigation caused by Federal navigation projects

Section 204: Beneficial uses of dredged material

Section 205: Flood control

Section 206: Aquatic ecosystem restoration

Section 208: Removal of obstructions, clearing channels for flood control

Section 1135: Project modifications for improvement of the environment



Tribal Partnership Program (TPP)

The Tribal Partnership Program (TPP) provides authority for the Army Corps to perform water-related planning activities and activities related to the study, design and construction of water resources development projects located primarily on Tribal lands that substantially benefit federally-recognized Tribes.

Federal Funding: The Army Corps is responsible for all feasibility study costs up to \$648,000. Separately, the USACE is responsible for all construction costs up to \$648,000. All costs over \$648,000 for either the study or construction are shared with the Tribe.

Tribal Responsibilities: All feasibility study and construction costs above \$648,000 are shared by the federal government and the Tribe. All of the sponsor's share may be provided as in-kind services as negotiated in a Cost Sharing Agreement.

Types of Projects Possible:

- Flood damage reduction
- Ecosystem restoration
- Cultural and natural resources preservation
- Erosion and sedimentation control
- Water control management changes
- Watershed and river basin studies

To learn more, please contact the Chicago District's Tribal Liaison – Kira Baltutis at Kira.m.Baltutis@usace.army.mil

Questions?



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