

How to Partner with USACE through the FPMS, PAS, and CAP Programs

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PRESENTATION OUTLINE

- Who Is USACE?
- Reasons for Partnering with the USACE
- Types of Services/Programs
 - Continuing Authorities Program (CAP)
 - Planning Assistance to States (PAS)
 - Flood Plain Management Services (FPMS)
- How to Get Started



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USACE GALVESTON DISTRICT (SWG): HISTORY AND MISSION



- Navigation (NAV)
- Flood Risk Management (FRM)
- Coastal Storm Risk Management (CSR)
- Regulatory
- Ecosystem Restoration (ER)
- Emergency Management
- Interagency & International Support

- First engineer district in Texas, established 1880
- 50,000 square mile district boundary, ~100+ miles inland
- 28 ports handling 538+ M tons of commerce annually (FY 16)
- 1,000+ miles of channels
 - 750 miles shallow draft
 - 270 miles of deep draft
- 367 miles of Gulf coastline
- 30-40 M cubic yards/yr material dredged
- 16 Congressional districts
- 48 Texas counties, 4 Louisiana parishes
- 18 Coastal counties - bays / estuaries
- 9 coastal basins



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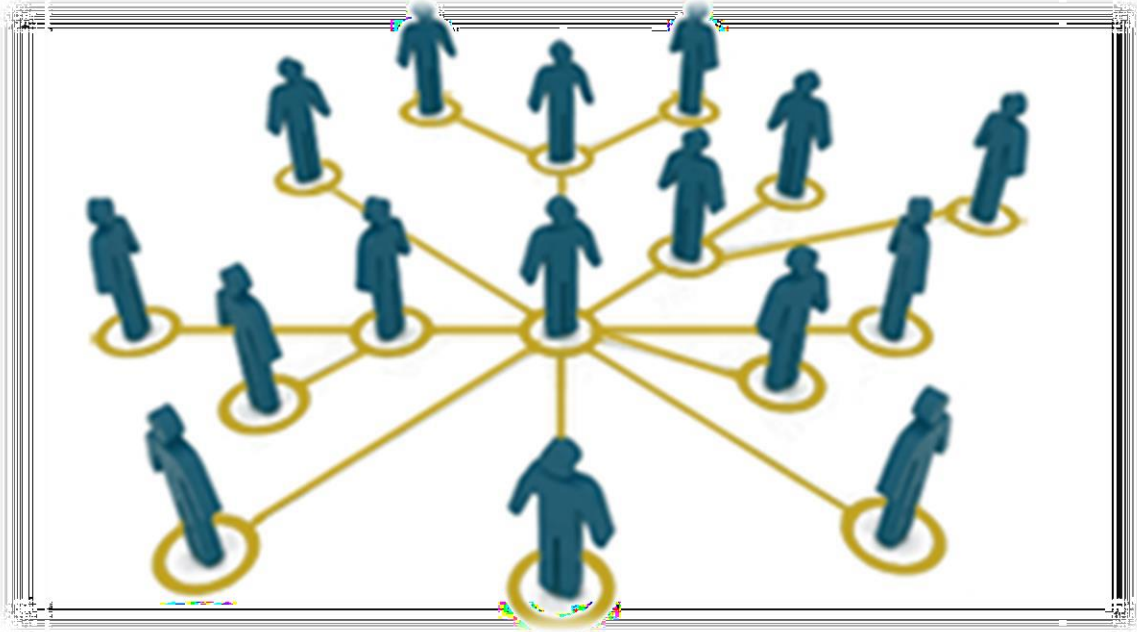
WHY PARTNER WITH USACE?



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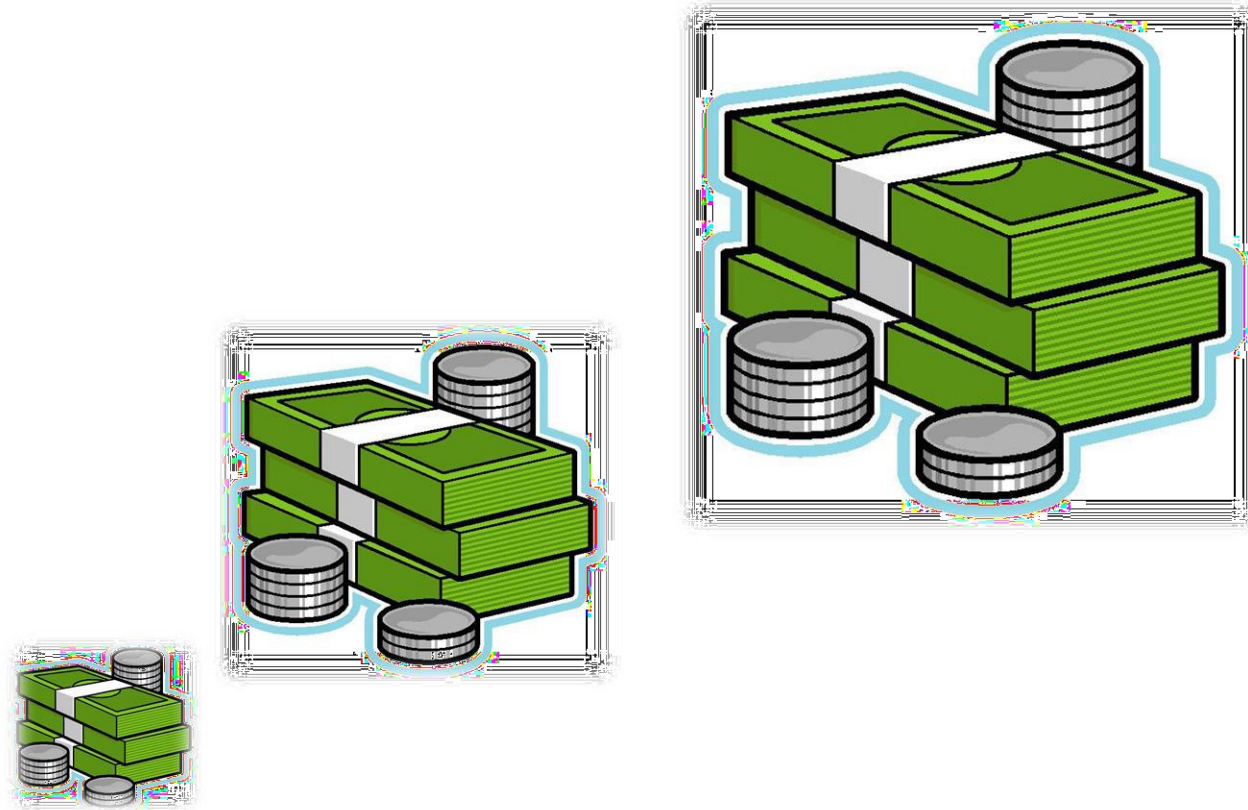
TECHNICAL EXPERTISE



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MULTIPLY FINANCIAL RESOURCES



WHAT SERVICES/PROGRAMS DOES USACE OFFER?

- General Investigations
- **Continuing Authorities Program (CAP)**
- **Planning Assistance to States (PAS)**
- **Flood Plain Management Services (FPMS)**
- Regulatory Program
- Emergency Operations Program
- Dam and Levee Safety Program



WHAT SERVICES/PROGRAMS DOES USACE OFFER?



Flood Plain Management Services (FPMS)



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FLOOD PLAIN MANAGEMENT SERVICES (FPMS)

- Authority: Section 206 of the 1960 Flood Control Act (PL 86-645), as amended,
- Advises, recommends, educates, informs and provides a range of technical services and planning guidance to state, regional or local governments; other non-Federal public agencies and Indian tribes.
- Address flood plain and off flood plain use changes, flood risk and flood hazards.
- Project Prioritization:
 - Locales where development pressures are significant
 - Addresses flood related problems
- Base Program
 - Funded annually
 - General Planning Guidance
 - Special Studies

General Technical Services
Quick Responses



FPMS CONT.

- Full Federal Cost
 - Potential for a non-Federal interest to provide additional voluntary contributions
 - Other Federal agencies and private persons on a cost recovery basis
- Restrictions:
 - USACE does not execute FPMS outputs
 - Scaled response:
 - Excludes detailed planning, design and economic analysis
 - Excludes detailed and extensive mapping
 - Addresses pros, cons and likelihood of success

Planning Assistance to States (PAS)



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PLANNING ASSISTANCE TO STATES

- Authority: Section 22 of the Water Resources Development Act of 1974 (PL 93-251), as amended
- Assistance to states, local governments, other non-Federal entities, and eligible Native American Indian tribes.
- Assistance in the preparation of comprehensive plans for the development, utilization, and conservation of water and related land resources.
- Planning Only
- Excludes Site specific structural designs or construction

PAS CONT.

- **Cost Sharing Requirements.** Efforts under this program are cost shared on a 50 percent Federal – 50 percent non-Federal basis. The study sponsor has the option of providing in-kind services for its share of the study cost.
- **Study Process.**
 - Sponsor submits letters of intent
 - Scope of work is developed
 - A cost sharing letter agreement will be prepared and sent to the sponsor for their signature.
 - Once the both parties have signed the agreement, the study may begin, subject to the availability of both Federal and local funding.

Continuing Authorities Program (CAP)



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CONTINUING AUTHORITIES PROGRAM (CAP) DEFINITION AND PURPOSE

- **Congress provided USACE with standing authorities to study and build specific water resource projects.**
- **These Projects:**
 - Need to be requested by the Sponsor
 - Do not need Congressional authorization
 - Implement quickly
 - Have limited scope and complexity
 - Have established Federal Cost limits
 - Do not compete with GI for prioritization
 - Federal funding limits up to \$10 million with cost share amount total project funding possibility can be up to \$13.5 million

CAP AUTHORITIES

Program Authority	Description	Federal Limit Per Project
Section 14	Emergency stream bank and shoreline protection for public facilities, such as roads, bridges, hospitals, schools, and water & sewage treatment plants, that are in imminent danger of failing.	\$5M
Section 103	Protection of public and private properties and facilities against damages caused by storm driven waves and currents by the construction of revetments, groins, and jetties and may also include periodic sand replenishment.	\$5M
Section 107	Improvements to navigation including dredging of channels and widening of turning basins.	\$10M
Section 111	Prevention of mitigation of erosion damages to public or privately owned shores along the coastline when the damages are a result of a Federal navigation project.	\$10M
Section 204	Regional Sediment Management and beneficial uses of dredged material from new or existing Federal projects for ecosystem restoration, FRM or HSDR purpose.	\$10M
Section 205	Local protection from flooding by non-structural measures such as flood warning systems, or flood proofing; or by structural flood damage reduction features such as levees. Diversion channels, or impoundments.	\$10M
Section 206	Aquatic ecosystem restoration.	\$10M
Section 208	Local protection from flooding by channel clearing and excavation, with limited embankment construction by uses of materials from the clearing operation only.	\$500K
Section 1135	Modification of USACE constructed water resources projects to improve the quality of the environment. Also, restoration projects at locations where an existing Corps project contributed to the degradation.	\$10M



ELIGIBILITY REQUIREMENTS

- **A project...**

- Must meet the requirements of Federal interest and USACE responsibility set forth in one of the nine legislative authorities
- Must be complete in itself and shall not obligate the Federal Government to future work except in those cases in which maintenance by the Federal government is specified by law or allowed by policy
- Must have a cost share sponsor

- **Restrictions**

- Is a study only, and will not lead to a new authority
- Implements or replaces a specifically authorized project
- Change sponsor's responsibility (existing project to regulation) or adopts non-Federal O&M
- Restores USACE projects to authorized dimensions
- Corrects design deficiencies on USACE projects.

TWO PHASE PROCESS

- **Feasibility Phase – Follows SMART Planning Principles and the 6 step planning process**
 - Formulate alternatives
 - Initially federally funded up to \$100,000. Remaining feasibility phase costs shared 50/50 with non-Federal sponsor.
- **Design and Implementation Phase.**
 - Detailed design & construction
 - Cost Shared. Varies. (Typical: 65% Federal / 35% Non-Federal)
 - Where applicable, the NFS provides all necessary lands, easements, rights-of-way, access routes and relocation of utilities. Costs associated with these items may be creditable towards the non-Federal cash contribution for the project.

CAP: GETTING STARTED

- **Non-Federal Sponsor:**
 - Must be a public agency
 - State or local government, or division thereof, ex. port, utility district, etc.
 - For Environmental Restoration, can be non-profit organization
- **Letter of Intent**
 - Official request for assistance. Includes:
 - Specific Authority
 - Statement of understanding of financial requirement
 - Describes the proposed project
 - Non-binding
- **Federal Actions**
 - Site Visit
 - Request for funding



ALL CAP AND PAS PROJECTS ARE COST SHARED

CAP

- The initial \$ 100 K of any Feasibility Study is paid for by the Corps
 - Scope of Work
 - Federal Interest Determination
 - Cost Share Agreement
- Remaining Feasibility Cost is Split 50-50
 - Alternatives Analysis
 - Preliminary Design Work
 - Environmental Compliance
 - Benefit Costs Analysis
- Some In-Kind Work is Allowed
- Design and Implementation Costs (i.e construction) are Usually Split 65-35 (65% Federal)

PAS

- PAS is a 50-50 Split



FLOOD PLAIN MANAGEMENT SERVICES (FPMS)

- **Program Objective:** support comprehensive flood plain management planning with technical services and planning guidance
- **Types of Activities:**
 - Obtain, develop and/or interpret flood plain related data
 - Provide small-scale hydrological analysis and recommendations
 - Prepare and provide guides and pamphlets for use by government and private citizens in taking action to reduce flood damages as part of a flood plain management program.

FPMS for State & Local Governments 100% federally funded



REASON TO PARTNER WITH THE CORPS

- Enthusiasm
- Technical Expertise
 - Engineering and Scientific Capabilities
 - Nationwide network
- \$\$
 - By partnering we can extend resources

HOW TO INITIATE A PROJECT

1) Send a Letter to District Requesting the Corps Assistance (see right)

- From Non Federal Public entity or Tribe

OR

2) Call or email us to discuss

- (409) 766-3913
- Lisa.m.mairs@usace.army.mil

Colonel Timothy R. Vail
District Commander
USACE, Galveston District
2000 Ft. Point Rd.
Galveston, TX 77550

Attn: Project Management Branch

Col Vail:

The letter is to seek assistance of the U.S. Army Corps of Engineers under the xxxxx Program (CAP/PAS/FPMS) to develop xxxxx.

(Briefly describe the name and severity of the problem. Briefly describe the known issues that might affect the acceptability of any recommended solutions, from the perspective of the local government and/or public)

We appreciate your consideration of our request. Please contact (name, address, telephone) to arrange further discussion of this request.

Sincerely
(Name and Title)



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