



**US Army Corps
of Engineers**
Louisville District

PLANNING ASSISTANCE TO STATES

PURPOSE: Section 22 of the 1974 Water Resources and Development Act (WRDA), as amended, authorizes the Corps to help States, local governments, and other governmental non-Federal entities with comprehensive planning for the development, use, and conservation of water and related land resources. Projects are generally regional or statewide in scope, but can also be for individual communities as long as the project is compatible with the State Water Plan. Under this program, the Corps may not participate in any formal design or implementation activities.

TYPES OF PROJECTS: The following list gives examples of studies that can be done under the PAS program:

- 1) **Water Supply Studies:** Preparing inventories of major water suppliers, of users within the state, evaluation of alternative water sources, evaluation of future water needs, or analysis of a water distribution system.
- 2) **Water Conservation:** Examining current or projected water demands and potential conservation measures.
- 3) **Water Quality Modeling for Contaminant Dispersion:** Determining the effects on water quality of municipal or industrial discharges, runoff, or recreation uses.
- 4) **Flood Control and Floodplain Management:** Developing or updating rainfall/runoff of stream flow models, delineating flood areas, defining floodways, or assessing flood control alternatives.
- 5) **Flood Preparedness Plans:** Developing or updating evacuation plans and flood-warning systems. Evaluating nonstructural methods of flood protection.
- 6) **Wetlands Evaluation:** Evaluating the effects of current or future developments on wetlands. Developing an inventory of wetlands.
- 7) **Navigation:** Inventorying types of traffic, benefits, and maintenance costs for channels and harbors.
- 8) **Erosion and Sedimentation:** Evaluating erosion potential of proposed projects, surveying reservoirs and sampling inflows to determine effects of sedimentation on storage volumes, or sampling and monitoring movements of contaminated sediments.
- 9) **Dam Safety:** Assisting the state in inspecting dams and identifying solutions to problems. Running dam breach models and defining downstream inundation areas.

10) **Drought Planning:** Conducting low flow studies. Studying the effects of drought on water supply, water quality, and wildlife.

11) **Groundwater Studies:** Examining quantity and quality of well yields, compiling databases of groundwater sources and uses, determining recharge areas of groundwater sources.

12) **State Water Plan:** Assisting the state in developing or updating a statewide plan for water management, including the development of policies and regulations, and implementation of the plan.

13) **Recreational Master Planning:** Analyzing long-term recreational needs for a region or state.

Typical studies are limited to planning and do not include detailed design or project construction.

FUNDING: A maximum of \$500,000 is available annually to each state under PAS and all studies must be completed within 12 months from the date an agreement is signed by both parties. The Corps of Engineers will accommodate as many studies as possible within the funding allotment. Costs are shared 50 percent Federal and 50 percent non-Federal. Up to 50 percent of the non-Federal share may be provided by in-kind services.

REQUESTS FOR ASSISTANCE: Requests for assistance should be submitted in the form of a Letter of Intent from a state or local government agency to U.S. Army Corps of Engineers, Louisville District. Samples are available upon request and should be mailed to **U.S. Army Corps of Engineers, Louisville District, Attn: Chief, Planning Branch, P.O. Box 59, Louisville, KY 40201**. After receipt of a written request, the Louisville District will contact the applicant by telephone and discuss particulars of the problem and of continuing the process.

FOR MORE INFORMATION: If you need more information, you may contact the Louisville District Outreach Coordinator:

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