

PRIMARY FUNCTIONS

- Perform/manage analysis for complex or controversial studies or projects as assigned by Corps leadership or requested by Corps offices
- Assist Headquarters in water management related policy studies and development of guidance
- Perform/manage technical water supply and other water management analyses, on request, and coordinate/manage technical review
- Identify, monitor, and maintain water management expertise (on policy, agreements, and technical analysis) for the Corps
- Assess research and development needs for future skills and technology
- Support Headquarters water supply business line manager

STRUCTURE

- **Oversight.** National Board of Planning Chiefs — Headquarters and all regional business centers (RBCs).
- **Direction.** Regional Planning Board for Southwestern RBC.
- **Management.** Executive and Technical Directors at SWD RBC, resource providers (district planning chiefs), and regional technical experts.
- **Expertise.** Virtual teams as needed, connecting district and regional water supply experts in the four SWD districts, Corps laboratories, academia, and private sector consultants.

SERVICES — For water supply, reallocation, or management components of studies or projects, or entire studies with a water supply, reallocation, or management component:

- Technical analysis (H&H, economic, financial, environmental)
- Report preparation

- Consultation and advice (technical and policy)
- Independent technical review (ITR) and external peer review (EPR)
- Water supply agreement preparation and review
- Training
 - Short courses
 - Planning Associates (PA) course on water supply analysis and agreements
 - Developing water management studies course for PA program

RELATIONSHIPS

- Headquarters: RITs, Planning CoP, business line managers
- RBCs and Districts
- Other PCXs (e.g., Flood Damage Reduction, Environmental, Hydropower)
- Other interested Federal agencies (e.g., USGS, FWS)
- State and river basin water management agencies
- Other critical stakeholders (e.g., power marketing agencies)

WEB SITE

(http://www.swd.usace.army.mil/WMRS_PCX.htm)

- Contact, process, and business information
- Roster of Corps and other experts
- Laws, policies, regulations
- Example reports, project management plans (PMPs), recent review issues
- Checklists (agreements and reports, for preparation and review)
- Training materials
- Knowledge base

CURRENT WORK

- ~200 active water supply agreements
- 11 reallocation studies underway
- 3 river basin evaluations for operation of multiple reservoirs as a system to optimize water management outputs
- Study for rigorous comparison of river management models (Riverware, SUPER, CWMS) and evaluation of the Texas WAM (water availability model)
- Planning Associates training
- Member Mexico Program team (Rebecca Griffith, PhD)
- Texas Water Allocation Assessment (support to state water planning process)

FUTURE WORK

- Support to Oklahoma for Oklahoma Water Assessment
- Support Mexico Program with training and technical exchanges, expertise as requested
- Investigate need for nationwide water management assessment
- Host conference with other agencies on collaboration for joint studies and sharing expertise
- Certify models for water supply, storage reallocation, and other analyses

