

Gloria R. Appell
Economist, USACE-SWG-P (1981-Present)

Education

Masters of Science, Economics, New Mexico State University (1981)
Bachelor of Arts, Anthropology, New Mexico State University (1977)
Water Resources Planner, U.S. Army Corps of Engineers, Planning Associates Program (1991)

Previous Positions Held

Research Assistant (1978-81), NMSU, Economics Department
Teaching Assistant (1980), NMSU, Economics Department
Contract Archaeologist (1976-78), NMSU, Department of Anthropology

Major Project Assignments FY2000

GIWW: High Island to Brazos River Section 216
GIWW: Brazos River to Pt. O'Connor Section 216
GIWW: Pt. O'Connor to Corpus Section 216
Corpus Christi Ship Channel Feasibility Study
Sabine-Neches Waterway Feasibility Study
Freeport Channel Feasibility Study
Corpus Christi Ship Channel Post-Authorization Dolphin Removal Project
Economic Team Leader

Responsibilities

1. Develops or directs the development of economic profiles for use in general investigations, post authorization planning studies, and pre-construction engineering studies dealing with water resource plans and projects. For assigned studies, determines the objectives of the analysis, organizes the work effort and determines the appropriate level of research required to accomplish the objectives.
2. Work with study team to develop the scope of the overall study by determining the inputs from other disciplines needed to accomplish the economic analyses. For navigation studies, coordinates with the design engineers to insure that project design alternatives are formulated in order to insure a safe and efficient channel design with respect to channel width and depth. Channel design formulation requires analyses of the existing and future commodity distributions and associated vessel fleet requirements. For flood control studies, coordinates with hydrologic engineer to insure floodplain discharges, stage, and probability data are compatible with the economic assessment requirements for appropriate evaluation of structural and nonstructural project alternatives. The economic analyses are used in the selection of the most appropriate plan of improvement.
3. Conducts interviews with local sponsors, industry representatives, and homeowners for the purpose of acquiring basic data for flood control analyses. For navigation studies, reviews and analyzes shipping journals, interviews local sponsors and industry representatives, and analyzes published commodity and fleet forecasts for the purpose of developing project specific commodity and fleet forecasts.
4. Prepares economic appendices and supporting documentation.