

TECHNICAL SERVICES STUDY NUMBER 3

Study Title:Geographic Information System (GIS) Technical Support

Lead Agency:USFWS, DNR

PROJECT DESCRIPTION

During 1989 and 1990 this study focused on the acquisition, development and distribution of the centralized NRDA database. This information was incorporated into two basic categories: primary which includes shoreline oiling, shoreline treatment, coastal morphology, bathymetry, hydrography, wildlife habitat, land status, and land cover; and thematic which includes hydrocarbon information, and wildlife distribution and abundance data. In 1991, the study focus shifted toward analytical services through the integration of primary and thematic layers. Examples of products for NRDA data synthesis include distribution of results in a comprehensive manner, relating various themes simultaneously, calculating proximity of one or more themes, and predictive and interpretive modeling of unsampled areas.

This project will support NRDA studies that have outstanding GIS components to their data analysis. This information will provide necessary data analysis for the preparation of final reports. The preparation of final reports will be essential for understanding the spill injuries. If this information is not clearly and completely available to those responsible for restoration, it will not be possible to adequately address the restoration needs of the resource.

BUDGET

The budget for each agency and the total budget will be developed following Trustee Council approval of projects to be included in the 1992 Work Plan. A placeholder of \$375.2K has been identified for this project.