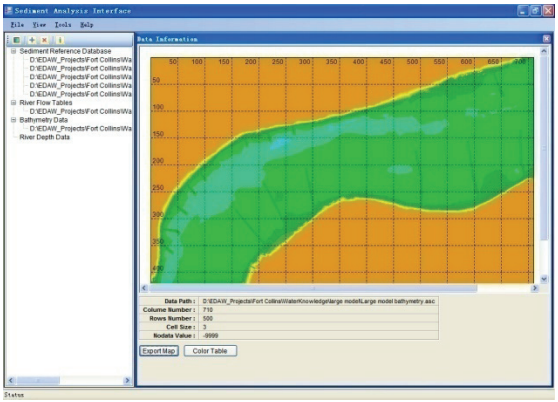
CORPS OF ENGINEERS

Mendrop~Wages conducted a project for the Corps of Engineers which included basin-wide hydrologic modeling, surveys, flood control, data collection, field investigations, database design and management, developing structure inventories, environmental and ecosystem restoration, water quality management and ecologic modeling. Mendrop~Wages developed a model, SAI, in order to predict long term changes in bed elevation and sedimentation patterns in mobile bed rivers for the Corps of Engineers. The Sediment Analysis Interface (SAI) is a program which calculates long term erosion and sedimentation for two and three dimensional simulations.



Mendrop~Wages' responsibilities included the following:

- Hydrologic Modeling
- Hydrologic Data Base Design and Management

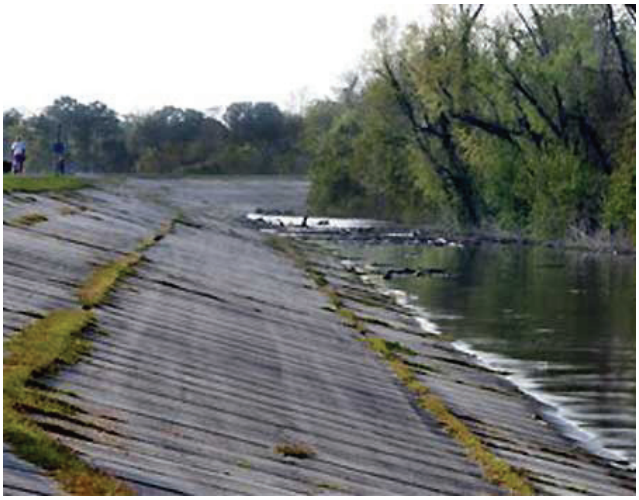
In a separate project, Mendrop~Wages conducted a literature review to determine the latest published guidance and model studies for the design of LST and bendway weirs and compile the latest guidance and performance information for these structures. General design guidance was provided for the LST and bendway weirs to address not only the basic design of these structures but also to determine their applicability to various condition.

MENDROP~WAGES

CORPS OF ENGINEERS

NEW ORLEANS DISTRICT

Mendrop~Wages was responsible for performing Quality Assurance Services for the drilling and Cone Penetrometer Testing (CPT) program for the New Orleans District through the Vicksburg District and Lower Mississippi Division Office. This task includes review of drilling for the levee projects, field investigations and analyzing and evaluating drilling testing and CPT data.



Mendrop~Wages' responsibilities included the following:

- Review drilling and CPT scopes of work for the levee projects
- Field trips to observe operations
- Analyze and evaluate drilling, testing and CPT data
- Quality Control coordination with other team members

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