

## INTRODUCTION

### Beneficial Use of Dredged Material Monitoring Program Description

The U.S. Army Corps of Engineers New Orleans District (USACE-NOD) maintains eleven major navigation channels in Louisiana that require regular maintenance dredging (Figure 1). More than 90 million cubic yards of sediment is dredged annually and the USACE-NOD coordinates with state and federal natural resource agencies to determine the most appropriate methods for the disposal of dredged material and where possible, to beneficially use this material to create or enhance wetlands and other habitats. The USACE-NOD has developed long-term disposal plans incorporating beneficial use for each of these navigation channels. The USACE-NOD working in cooperation with Louisiana State University (LSU) - Coastal Studies Institute, implemented a large-scale monitoring program in 1994 to quantify the amount of new habitat created and to improve dredge disposal placement techniques to maximize beneficial use. This monitoring program is known as the USACE-NOD/LSU Beneficial Use of dredged material Monitoring Program (BUMP). The research staff for this program is listed in Table 1.

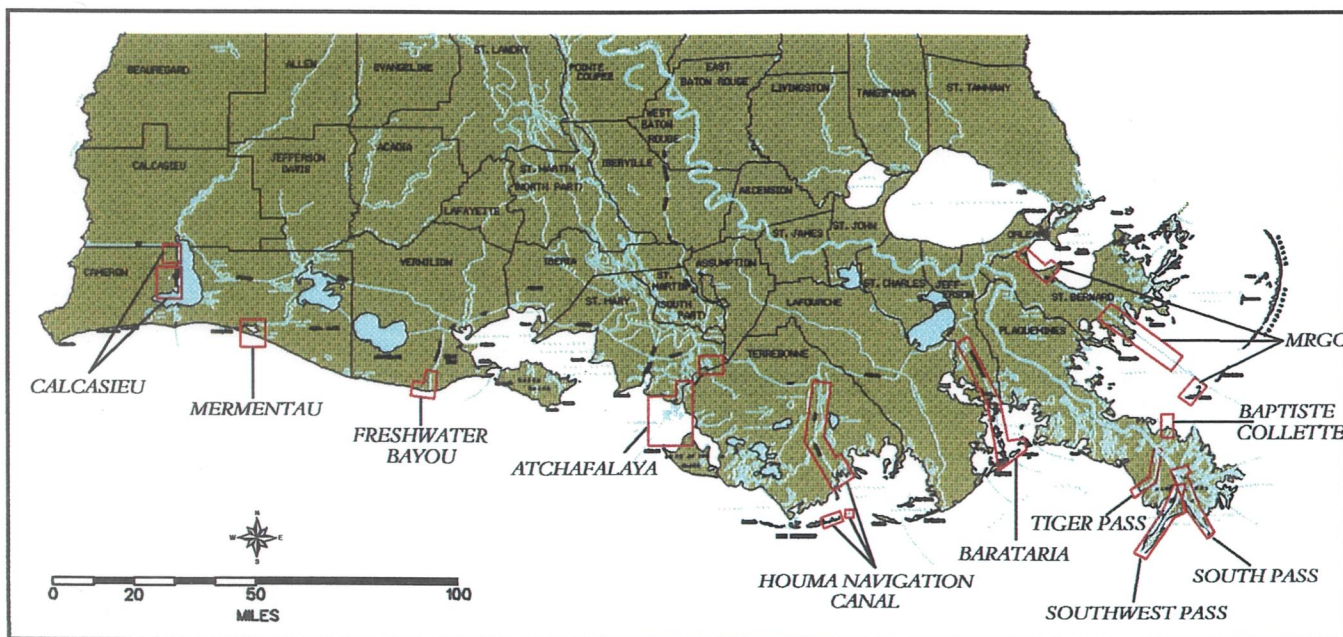


Figure 1. Locations of the beneficial use of dredged material monitoring areas.