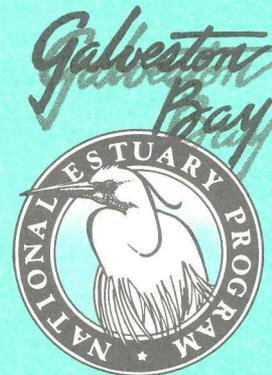


Environmental Management Inventory of Galveston Bay



Galveston Bay
National Estuary Program

GBNEP-24
October 1992

Environmental Management Inventory of Galveston Bay

Environmental Management Inventory of Galveston Bay

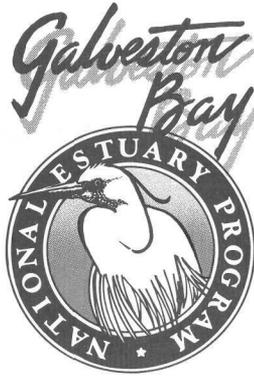
**Susan G. Hadden
Principal Investigator**

**LBJ School of Public Affairs
The University of Texas**

The Galveston Bay National Estuary Program

Publication GBNEP-24
October, 1992

This project has been funded in part by the United States Environmental Protection Agency under assistance agreement # CE-006550-01 to the Texas Water Commission. The contents of this document do not necessarily represent the views of the United States Environmental Protection Agency or the Texas Water Commission, nor do the contents of this document necessarily constitute the views or policy of the Galveston Bay National Estuary Program Management Conference or its members. The information presented is intended to provide background information, including the professional opinion of the authors, for the Management Conference deliberations in drafting of official policy in the Comprehensive Conservation and Management Plan (CCMP). The mention of trade names or commercial products does not in any way constitute an endorsement or recommendation for use.



Policy Committee

The Honorable Rodney Ellis, Chair
Texas Senate

Mr. Buck J. Wynne, III, Vice-Chair
Regional Administrator, EPA Region 6

Mr. John Hall
Chair,
Texas Water Commission

Mr. John Wilson Kelsey
Vice-Chair,
Texas Parks and Wildlife Commission

Ms. Linda Shead
Executive Director
Galveston Bay Foundation

Mr. Charles W. Jenness
Chair,
Texas Water Development Board

Ms. Eileen Crowley
Former President
Greater Houston Partnership
Chamber of Commerce Division

The Honorable Jon Lindsay
County Judge, Harris County

Local Governments Advisory Committee

The Honorable Ray Holbrook, Chair

Management Committee

Mr. Myron O. Knudson, Chair

Ms. Barbara Britton, Vice-Chair

Scientific/Technical Advisory Committee

Dr. Robert McFarlane, Chair

Ms. Teresa Battenfield, Vice-Chair

Citizen's Advisory Steering Committee

Ms. Sharron Stewart, Chair

Ms. Glenda Callaway, Vice-Chair

Galveston Bay Public Forum

Dr. Don Bass, Chair

Program Director

Dr. Frank S. Shipley

TABLE OF CONTENTS

EXECUTIVE SUMMARY	1
CHAPTER ONE: SUMMARY OF FINDINGS	5
CHAPTER TWO: GALVESTON BAY	9
CHAPTER THREE: ACTION PLAN TOPICS: SOURCE CONTROLS	11
Point Source Pollution	11
Non-Point Source Pollution	15
Spills/Dumping	19
Dredging/Filling	23
Freshwater Inflow	27
CHAPTER FOUR: ACTION PLAN TOPICS: ESTUARY MANAGEMENT	31
Shoreline Development	31
Habitat Protection	34
Species Protection	37
Human Health	39
Subsidence/Shoreline Erosion/Sea Level Rise	41
CHAPTER FIVE: CONCLUSION	45
GUIDES: LIST OF ACRONYMS	46
FEDERAL LAWS AND THE AGENCIES THAT IMPLEMENT THEM	47
APPENDIX 1: FEDERAL STRUCTURE FOR ENVIRONMENTAL PROTECTION OF GALVESTON BAY	49
APPENDIX 2: TEXAS REGULATORY FRAMEWORK FOR GALVESTON BAY	75
APPENDIX 3: LOCAL AND REGIONAL AUTHORITIES	87
BIBLIOGRAPHY	95