TNRCC

CTF-07
June 1997

Proceedings

The State of the Bay Symposium, III

January 10-11, 1997

Galveston Bay

ESTUARY PROGRAM

A program of TNRCC/GLO

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

Proceedings

The State of the Bay Symposium, III

January 10-11, 1997

Prepared by
Galveston Bay Estuary Program

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Introduction

The Galveston Bay Estuary Program hosted the third biennial State of the Bay Symposium, January 10-11, 1997 at the University of Houston Hilton. More than 400 people attended the two-day event which was conceived to explore new ideas and update information to further the course of conservation and protection of the Galveston Bay System.

The goal of the past Symposiums has been to look at the science of the Bay, the needs of all stakeholders and the impacts of a resident population of more than four million people in the five surrounding counties. The third Symposium focused on information necessary for future planning as the Galveston Bay Plan is implemented.

The Galveston Bay Plan, a Comprehensive Conservation and Management Plan, was developed as a product of five years of research, data-gathering and consensus-building, under the auspices of the Galveston Bay National Estuary Program (GBNEP). When the Plan was approved by the U.S. Environmental Protection Agency in 1995, GBNEP became a program of the State of Texas and was renamed the Galveston Bay Estuary Program (GBEP). At that point, the task of implementation of the Plan began.

The purpose of the State of the Bay Symposium, III was to analyze the progress of implementation, the next steps to be taken, and the status and trends which impact this vital Texas resource.

Names of speakers and titles of their presenations are included in the agenda on the following page. All presenters were invited to submit an abstract, summarizing their presentation for inclusion in these proceedings. Those received by the GBEP have been published in this Proceedings of the State of the Bay Symposium, III.

STATE OF THE BAY SYMPOSIUM III
Friday, January 10, 1997
University of Houston Hilton Hotel

Schedule of Presentations & Events

8:00- 8:30	Registration - Visit Exhibits
8:30- 8:40	Welcome and Organization of the Symposium **Marilyn D. Browning**, Galveston Bay Estuary Program
8:40- 8:50	Economic Value of the Bay **Augustin Redwine**, Office of the Texas Comptroller
8:50- 9:00	The Galveston Bay Plan **James Kachtick**, Chairman of the Galveston Bay Council

FRESHWATER INFLOW & WATER QUALITY CHANGES
Rapporteur: **Jim Blackburn** - Blackburn & Carter

9:00- 9:15	Changes in Freshwater Inflows to Galveston Bay and the Trinity San Jacinto Estuary, Texas **Gary L. Powell**, Texas Water Development Board
9:15- 9:30	Health of Galveston Bay: Biotic Integrity **Albert W. Green**, Texas Parks & Wildlife
9:30- 9:45	Low Flow in the Trinity River **Dr. Richard M. Browning**, Trinity River Authority
9:45-10:00	Alterations in the Water Quality of Galveston Bay on a Time Scale of Decades **Dr. George H. Ward**, University of Texas/Austin
10:00-10:15	Partnerships in Conservation Education: Bringing the Message Home **Carole D. Baker**, Harris-Galveston Coastal Subsidence District
10:15-10:30	Break - Visit Exhibits

POINT & NON-POINT SOURCE POLLUTION

Rapporteur: **George Guillen**, TNRCC/Region 12

10:30-10:45	Texas Clean Rivers Program: The Upstream Link to Galveston Bay Management **Gary Mitchell**, Houston-Galveston Area Council
10:45-11:00	The Watershed Management Approach: Potential Impacts on Freshwater Inflows **Susan Branning**, EPA/Region 6
11:00-11:15	Quality of Storm Water Runoff From Urbanized Houston Metropolitan Area **Min Chu**, Turner Collie & Braden
11:15-11:30	Wetlands for Water Quality **John Koros**, Harris County Flood Control District
11:30-11:45	Seafood Safety **Richard Thompson**, Texas Department of Health
11:45-12:45	Luncheon - GLOBAL ECOLOGY FROM SPACE **Dr. Kamlesh P. Lulla**, NASA

HABITAT AND LIVING RESOURCES ALTERATION

Rapporteur: **Dr. Larry McKinney**, Texas Parks & Wildlife Department

12:45- 1:00	Status and Trends of Selected Marine Resources of Galveston Bay **Lance Robinson**, Texas Parks & Wildlife Department
1:00- 1:15	Wetlands Conservation on Private Lands in Texas **Julie Anderson**, Texas Parks & Wildlife Department
1:15 - 1:30	Created Salt Marshes as Habitats for Fishery Species **Dr. Thomas Minello**, National Marine Fisheries Service
1:30 - 1:45	Status and Recent Trends of Galveston Bay's Colonial Waterbirds - With Management Implications **Phil Glass** and **Will Roach**, US Fish and Wildlife Service
1:45 - 2:00	Question and Answer Session
2:00 - 2:15	Break - Visit Exhibits

SOLVING USER CONFLICTS

Agency Roles in Solving User Conflict

2:15 - 2:30	**Barry McBee**, Chairman, Texas Natural Resource Conservation Commission
2:30 - 2:45	**Garry Mauro**, Commissioner, Texas General Land Office
2:45 - 3:00	**Rick Perry**, Commissioner, Texas Department of Agriculture

CASE STUDIES

3:00 - 3:15	Marsh Restoration at San Jacinto State Historical Park **Ted Hollingsworth**, Texas Parks & Wildlife Department
3:15 - 3:30	Artificial Reef Construction: Building Condos for Oysters **Bill Baker**, Houston Lighting & Power Company
3:30 - 3:45	The Brownwood Marsh Restoration Project: A Successful, Coordinated Effort To Restore and Create Wetlands Habitat **Dr. Tom Calnan**, Texas General Land Office
3:45 - 4:00	Marsh Creation from Dredged Material: A Case Study **Tracey Koenig**, Turner Collie & Braden, Inc.
4:00 - 4:15	Galveston Bay Yards & Neighbors Program: Reducing Residential Non-Point Source Pollution **Julie Massey**, Texas A & M Sea Grant Program; **Dr. William M. Johnson**, Texas Agricultural Extension Service
4:15 - 4:30	Galveston Bay and Shipping Industry **Jim Morrison**, West Gulf Maritime, Inc.
4:30 - 4:45	Dirt: Use It. Don't Lose It **Cheryl A. Manford**, Exxon Land Development, Inc.
4:45 - 5:00	General Question and Answer Session
	Closing: **Marilyn D. Browning**, Program Director Galveston Bay Estuary Program

STATE OF THE BAY SYMPOSIUM III
Saturday, January 11, 1997
University of Houston Hilton Hotel

Schedule of Presentations & Events

8:30 - 8:35 **Marilyn D. Browning**, Program Director, Galveston Bay Estuary Program

PANEL: AGENCY ROLES IN SOLVING USER CONFLICT

8:35 - 8:50 **Sally Davenport**, Texas General Land Office

8:50 - 9:05 **Mark Jordan**, TNRCC

9:05 - 9:15 Questions & Answers

9:15 - 9:30 Break - Visit Exhibits

PANEL: PUBLIC SECTOR/PRIVATESECTOR SOLUTIONS
Rapporteur : **Dr. Robert Heath**, University of Houston

9:30 -9:45 The Galveston Bay Foundation Experience in Finding Common Ground As A Mechanism for Solving User Conflicts
Linda Shead, Galveston Bay Foundation

9:45-10:00 The Ethic of Stewardship: The Beneficial Uses Plan for the Houston Ship Channel
Richard Gorini, Port of Houston Authority

10:00-10:15 Public Perceptions of the Environmental Problems Facing Galveston Bay
Dr. Stephen Klineberg, Rice University

10:15-10:30 Water Rights for Galveston Bay
Dr. Ronald Kaiser, Texas A&M University

10:30-10:45 Questions & Answers

10:45-11:00 Break - Visit Exhibits

RAPPORTEUR REPORTS

11:00-11:15	Point & NPS Pollution **George Guillen**, TNRCC
11:15-11:30	Fresh Water Inflow Issues **Jim Blackburn**, Blackburn & Carter
11:30-11:45	Habitat & Living Resources **Dr. Larry McKinney**, TPWD
11:45-12:00	User Conflict **Dr. Robert Heath**, University of Houston
12:00-12:20	Discussion
12:20-12:30	Closing - **Marilyn D. Browning**, Galveston Bay Estuary Program

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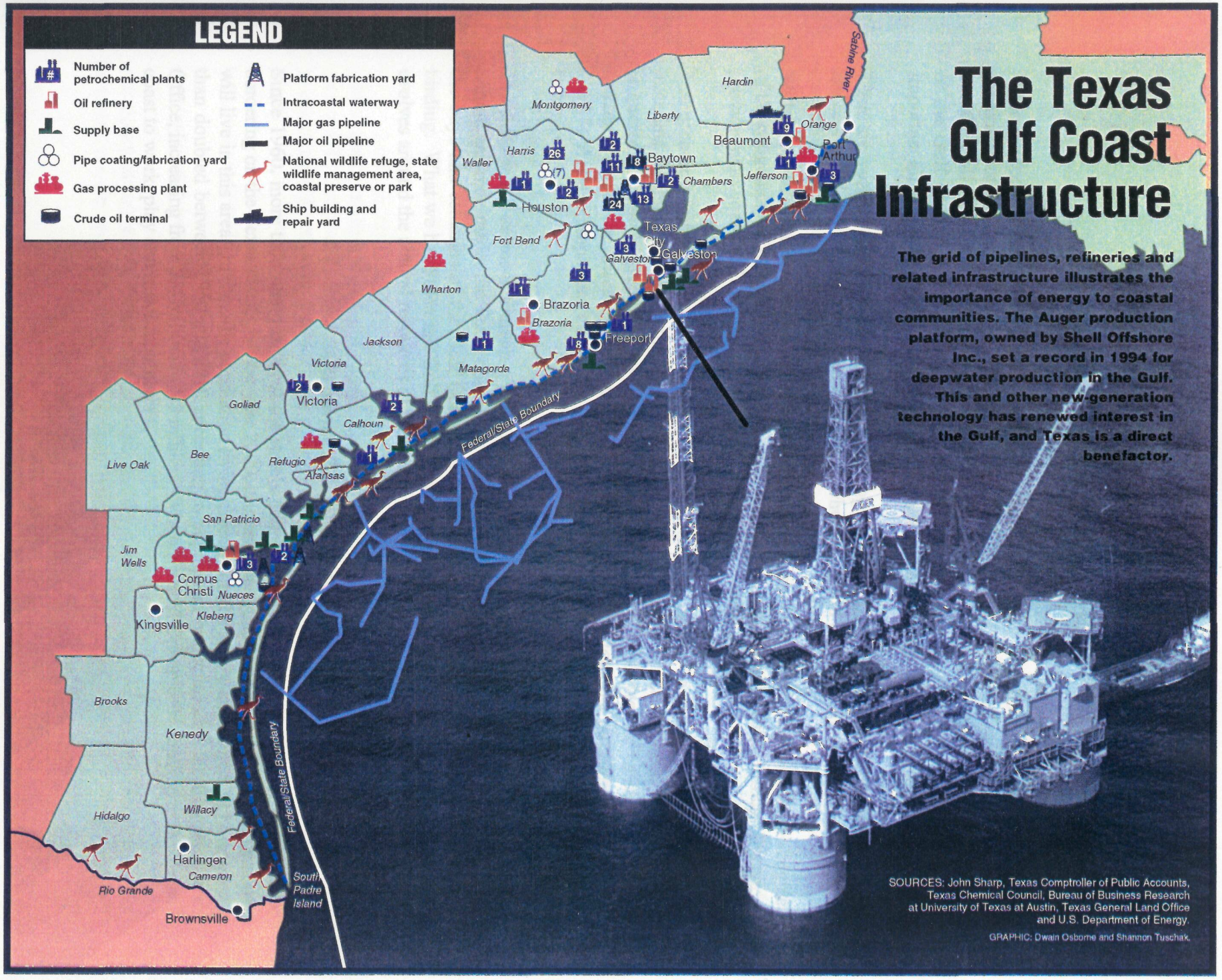
The Texas Gulf Coast Infrastructure

The grid of pipelines, refineries and related infrastructure illustrates the importance of energy to coastal communities. The Auger production platform, owned by Shell Offshore Inc., set a record in 1994 for deepwater production in the Gulf. This and other new-generation technology has renewed interest in the Gulf, and Texas is a direct benefactor.



SOURCES: John Sharp, Texas Comptroller of Public Accounts, Texas Chemical Council, Bureau of Business Research at University of Texas at Austin, Texas General Land Office and U.S. Department of Energy.

GRAPHIC: Dwain Osborne and Shannon Tuschak.