

## **Environmental Impact Of The Offshore Oil And Gas Industry**

The Buccaneer Gas and Oil Field Study has been the most comprehensive research project to date concerned with assessing the ecological effects of offshore production activities. It took nearly five years to complete and involved almost 30 individual research groups. All of the raw data have been archived with NOAA's Environmental Data and Information Services, and detailed technical reports have been deposited with the National Technical Information Service so the interested investigator should be able to gain access to them. However, we felt that it would be desirable to present a distillation of our more significant findings in a form that was more readily available to the scientific and lay community. Thus, we conducted a symposium on the study during EXPOCHEM '80 at the Astrohall, Houston, Texas during October, 1980. This volume comprises the proceedings of that symposium. All but two of the papers presented are included in this book. Manuscripts were not received from Dr. D. A. Wiesenburg (Texas A&M University: Volatile Hydrocarbons) or Dr. J. Tillery (Southwest Research Institute: Trace Metals), but these topics are adequately covered by other authors. An introductory chapter was added to place the study in its proper perspective and to provide some background material on the Buccaneer Field, a brief chapter on biocides was inserted since this topic generated much discussion at the symposium, and a bibliography is provided to direct the interested reader to sources of additional published information on the Study.

Environmental Impact Statement

Delineation Drilling Activities in Federal Waters Offshore, Santa Barbara County

Environmental impact of offshore oil operations

Environmental Impacts of Offshore Oil Spills on the Gulf Coast

Final Environmental Impact Statement

***Long-term Environmental Effects of Offshore Oil and Gas Development contains 14 chapters by different authors which focus on the US.***

***Environmental Impact Assessment Review***

***Floating Nuclear Power Plants, Manufacture, Offshore Power Systems, Jacksonville***

***Cook Inlet Offshore Oil and Gas Development***

***Environmental Impact of the Offshore Oil and Gas Industry***

***Draft Environmental Impact Statement***

This collection of chapters by different authors focuses on the North Sea coastal lands. It looks at environmental factors, development, planning and community issues, and hazards and control. It ends by summarising UK and Norwegian views.

Offshore Energy and Marine Spatial Planning

Ocean Dredged Material Disposal Site Located Offshore Tampa Bay Area

## Onshore Impacts of Offshore Oil

Proposed 1981 Outer Continental Shelf Oil and Gas Lease Sale Offshore Central and Northern California, OCS Sale No. 48  
Title IX Vessels Engaged in Offshore Oil and Gas Drilling Operations

In some coastal regions of the United States, such as western Louisiana, offshore oil development has long been welcomed. In others, such as northern California, it has been vehemently opposed. This book explores the reasons behind this paradox, looking at the people, the regions, and the issues in sociological and historical contexts. What has been in very short supply on this issue, as in a growing number of other cases of technological gridlock, is balanced analysis. That is what this book provides. The authors' case studies, derived from interviews with Louisiana and California residents and from environmental impact statements, demonstrate that easy answers are not the most valid ones. The region that should be considered unusual, they find, is coastal Louisiana, where historical, social, and environmental factors combine to favor the offshore oil industry. But this combination of factors, they argue, is unlikely to be found in other coastal regions of the U.S. in the near future.

Environmental planning for offshore oil and gas

Environmental Impact of Offshore Oil and Gas Development on the Outer Continental Shelf and Slope Off Point Arguello, California

Offshore Oil and Gas Drilling and Production

Environmental Impact of the Offshore Oil and Gas Industry (translated from Russian).

OCS (Outer Continental Shelf) Lease Sale No.48, Offshore Southern California

***The generation of offshore energy is a rapidly growing sector, competing for space in an already busy seascape. This book brings together the ecological, economic, and social implications of the spatial conflict this growth entails. Covering all energy-generation types (wind, wave, tidal, oil, and gas), it explores the direct and indirect impacts the growth of offshore energy generation has on both the marine environment and the existing uses of marine space. Chapters explore main issues associated with offshore energy, such as the displacement of existing activities and the negative impacts it can have on marine species and ecosystems. Chapters also discuss how the growth of offshore energy generation presents new opportunities for collaboration and co-location with other sectors, for example, the co-location of wild-capture fisheries and wind farms. The book integrates these issues and opportunities, and demonstrates the importance of holistic marine spatial planning for optimising the location of offshore energy-generation sites. It highlights the importance of stakeholder engagement in these planning processes and the role of integrated governance, with illustrative case studies from the United***

**States, United Kingdom, northern Europe, and the Mediterranean. It also discusses trade-off analysis and decision theory and provides a range of tools and best practices to inform future planning processes.**

**Perceptions, Politics, and the Battle Over Offshore Drilling**

**A Study of Environmental Concerns**

**Offshore Oil and Gas Environmental Effects Monitoring**

**Shell Hercules Offshore Project, Santa Barbara County**

**Final Environmental Impact Statement for the Offshore Platform Hazardous Waste Incineration Facility**

*This book provides more comprehensive materials and discussion on environmental impact of the offshore oil and gas industry than any other single source currently available. Specifically, multi-disciplinary perspectives are given, addressing worldwide advances in studies, control, and prevention of the industry's impact on the marine environment and its living resources. Unique to this text are the data on environmental aspects of Russian offshore oil and gas developments presented by the leading expert on the problem. The author considers the main impact factors of the offshore activity and outlines conditions providing the balance of interests for the oil industry and fisheries. Special attention is given to the ecotoxicological and biogeochemical characteristics of oil and gas hydrocarbons in the marine environment. Based on all presently available information, specific environmental requirements for discharges and seawater quality are substantiated. Final chapters summarize strategic principles of environmental protection and ecological monitoring in relation to the offshore oil and gas activity. Appendix includes Russian standards of Maximum Permissible Concentrations (MPC) and Approximate Safe Impact Limits (ASIL) for about 200 chemicals used in oil and gas production.*

*Environmental Impacts from Offshore Exploration and Production of Oil and Gas*

*The Buccaneer Gas and Oil Field Study*

*Special Issue on Assessing the Impacts of Offshore Oil and Gas Exploration and Development*

*Offshore Wind Energy*

*Offshore Ocean Dredged Material Disposal Site Designation, Norfolk*

*Environmental Impact of the Offshore Oil and Gas Industry* Ecomonitor Pub

*Environmental Impact Analysis for Texas Offshore Port*

*What's the Rush?*

*Approaches and Technologies*

*Marine Oil Pollution*

*Offshore Platform Hazardous Waste Incineration*

This book provides the only compendium of the research efforts of the German Federal Republic for the development of offshore wind energy that summarizes the main findings of German accompanying research. The main objective of the

book is to show the relevance of the new results and realizations of the research projects for the planning and permission process for offshore wind energy plants.

Alaskan Arctic Coast Offshore Oil and Gas Development

Research on Environmental Impacts

Bienville Offshore Energy Terminal

Texas Offshore Port, Inc

Oil in Troubled Waters

**Offshore oil and gas drilling operations take place in some of the world's most biologically productive oceanic waters. An ongoing concern related to the development of this industry is that exposure to contaminants from waste discharges may cause ill effects on organisms and their habitat.**

**Environmental Effects Monitoring (EEM) programs are undertaken to verify environmental impact assessment predictions, to detect any unforeseen effects, and to help identify cause-effect relationships. EEM has been carried out worldwide for many offshore developments, and much has been learned about the fate of drilling and production contaminants and their biological effects. EEM programs have rapidly evolved in response to new knowledge on the transport, fate, and effects of potential contaminants; changes in regulatory requirements; and improved impact assessment technologies and statistical approaches for data interpretation. In May 2003, an international group of scientists, environmental managers, and industry representatives shared their expertise and new knowledge at the Offshore Oil and Gas Environmental Effects Monitoring Workshop. The participants reviewed the status of current offshore oil and gas EEM programs and identified future research needs to advance our understanding of the impacts of the offshore oil and gas industry. This book represents a selected number of peer-reviewed papers from workshop participants, covering a range of topics including regional experience from past and ongoing EEM programs; environmental management issues such as risk assessment and decision-making processes; the development of predictive risk assessment models; and new approaches and technologies for monitoring potential alterations in benthic, pelagic, and tropospheric ecosystem components. This book will be of use to scientists, environmental managers, regulators, and industry representatives, as well as members of the general public wishing to improve their understanding on the application of offshore oil and gas EEM programs for the protection of our ocean environment and its resources.**

**Environmental Effects of Offshore Oil Production**

**Federal Program Review : Environmental Impact of Offshore Oil and Gas Development : Technology for Oil and Hazardous Materials**

**Maritime Administration Title XI, Vessels Engaged in Offshore Oil and Gas Drilling Operations**

**Long-term Environmental Effects of Offshore Oil and Gas Development**