



Oil Spills and Gas Leaks: Environmental Response, Prevention and Cost Recovery

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OIL SPILLS & GAS LEAKS

Environmental Response, Prevention, and Cost Recovery

Stephen M. Testa • James A. Jacobs



Product Description

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. The definitive guide to petroleum hydrocarbon fuel spill and leak causes, prevention, response, and cost recovery Oil Spills and Gas Leaks highlights the complex nature of petroleum hydrocarbon fuel extraction methods, the unintended consequences when disasters occur, spill behavior, and environmental impact mitigation. This practical resource discusses engineering techniques; long-term biological and environmental effects; dealing with insurance claims, litigation, and legislation in overlapping jurisdictions; and much more. Featuring global case studies and best practices, this timely volume provides an in-depth understanding of how oil spills and gas leaks occur and describes the most effective environmental assessment, remediation, and restoration options available to respond to these industrial accidents. **COVERAGE INCLUDES:** The role of petroleum hydrocarbon fuels in society Geology and geochemistry of oil and gas deposits Oil and gas well drilling and production issues Behavior of oil spills in various environments Behavior of gas leaks in various environments Assessment of spills and leaks Toxicity issues and exposure pathways Subsurface investigations Sampling strategies and remedial approaches Sampling methods on land and offshore Prevention, oversight, and mitigation Remediation of oil spills Case histories and cost recovery Oil spills and wildlife Oil spills and safety issues Conclusions and recommendations