Long-term Fate and Persistence of Oil from the Exxon Valdez Oil Spill: Lessons Learned or History Repeated

Abstract

As a result of the Exxon Valdez oil spill, many biota species are now living in areas where the weathering and biodegradation processes are ongoing and where the potential risk remains high or the risk level has diminished. The fate and persistence of the oil are influenced by the interaction of biota, such as birds, fish, otters, and seals, with the marine environment. These processes are ongoing and are the result of a dynamic system. The fate and persistence of the oil are influenced by the interaction of biota, such as birds, fish, otters, and seals, with the marine environment. These processes are ongoing and are the result of a dynamic system. The fate and persistence of the oil are influenced by the interaction of biota, such as birds, fish, otters, and seals, with the marine environment. These processes are ongoing and are the result of a dynamic system. The fate and persistence of the oil are influenced by the interaction of biota, such as birds, fish, otters, and seals, with the marine environment. These processes are ongoing and are the result of a dynamic system.

Introduction

Comprehensive Surveys Are Essential

Oil Persistence is Related to Substrate and Environmental Exposure

Oil Toxicity Decreases As It Weathers

After 20 Years, Some Oil Remains

Most Shoreline Oil Is Removed Rapidly by Natural Processes

Other Sources of PAHs Are Present in Prince William Sound

No Risk of Exposure or Injury from Remaining Oil

Conclusion

Key Citations

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