

METHODOLOGY

Formal scientific literature

Reviewed over 350 articles and publications

Limited reliance on technical reports, data, news articles and trade magazines

OPEN ACCESS freely available online

PLOS ONE

Extent and Degree of Shoreline Oiling: Deepwater Horizon Oil Spill, Gulf of Mexico, USA

Jacqueline Mitchell, Edward H. Owens, Scott Zengel, Andrew Graham, Zachary Nixon, Teresa Allard, William Hoffman, P. Doug Belmer, Alan Lamarche, Mark White, Nicole Barthelme, Carl Childs, Gary Kinoshita, Greg Chelton, Elliott Tipton

EX 12199

The oil from the 2010 Deepwater Horizon spill in the Gulf of Mexico was documented by shoreline assessment teams at... 1,722 km of shoreline, beaches comprised 50.8%, marshes 46.2%, and other shoreline types 3.2% of the total shoreline...

Abstract: The oil from the 2010 Deepwater Horizon spill in the Gulf of Mexico was documented by shoreline assessment teams at 1,722 km of shoreline... Methods: We used a protocol to make systematic, repeatable observations of oiling events and oiling extent...

Introduction: The Deepwater Horizon spill released a US Government-estimated 4.9 million barrels of oil into the Gulf of Mexico over 87 days... The spill caused the largest oil spill in the history of the United States...

Background Summary: This article provides a summary of the background information used in the formal scientific literature review...

GaMRFI-sponsored Special Section Articles

Coral Communities as Indicators of Ecosystem-Level Impacts of the Deepwater Horizon Spill

CHARLES R. FISHER, ANANDA W. J. DEMICOPoulos, ERIC E. CORDELL, IJANA B. BAUMS, HELEN K. WHITE, AND HILL R. DEURIGUEZ

The abundance of gill-retracted massive corals of oil gas from a depth of 200 meters. Although a fungus plume carried released hydrocarbons to the reef surface, it was not observed in the water column and much of that in the deep zone...

Abstract: The abundance of gill-retracted massive corals of oil gas from a depth of 200 meters. Although a fungus plume carried released hydrocarbons to the reef surface, it was not observed in the water column and much of that in the deep zone...

Introduction: The Deepwater Horizon (DWH) rig blowout at the Macondo well site resulted in an oil spill that was estimated to have released 4.9 million barrels of oil and gas...

Background Summary: This article provides a summary of the background information used in the formal scientific literature review...

Prevalence of External Skin Lesions and Polycyclic Aromatic Hydrocarbon Concentrations in Gulf of Mexico Fishes, Post-Deepwater Horizon

Steven A. Murawski, Florida Institute of Oceanography, University of South Florida, MSF-112, 140 7th Avenue South, St. Petersburg, Florida 33701

William T. Heath, Florida Institute of Oceanography, 140 7th Avenue South, St. Petersburg, Florida 33701, USA

Ernest B. Pechenik, College of Marine Science, University of South Florida, MSF-216, 140 7th Avenue South, St. Petersburg, Florida 33701

Luis Bartheiri, Florida Fish and Wildlife Research Institute, 100 NW Avenue Southeast, St. Petersburg, Florida 33701, USA

Abstract: The reported offshore fish mortalities in the Gulf of Mexico in 2011 and 2012, following persistent reports of external skin lesions and other pathologies in the aftermath of the Deepwater Horizon oil spill...

Introduction: The reported offshore fish mortalities in the Gulf of Mexico in 2011 and 2012, following persistent reports of external skin lesions and other pathologies in the aftermath of the Deepwater Horizon oil spill...

Background Summary: This article provides a summary of the background information used in the formal scientific literature review...