

1. Record Nr.	UNINA9910813232103321
Titolo	Approaches for ecosystem services valuation for the Gulf of Mexico after the Deepwater Horizon oil spill : interim report // National Research Council of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, 2012
ISBN	0-309-21182-4 1-280-12316-8 9786613527028 0-309-21180-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (162 p.)
Disciplina	363.7382
Soggetti	BP Deepwater Horizon Explosion and Oil Spill, 2010 Natural resources - Management Oil spills - Economic aspects - Gulf States Oil spills - Environmental aspects - Mexico, Gulf of
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Committee on the Effects of the Deepwater Horizon Mississippi Canyon-252 Oil Spill on Ecosystem Services in the Gulf of Mexico, Ocean Studies Board, Division on Earth and Life Studies."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Front Matter""; ""Acknowledgments""; ""Contents""; ""Summary""; ""Introduction""; ""1 Physiographic, Oceanographic, and Ecological Context of the Gulf of Mexico""; ""2 Approaches to Damage Assessment and Valuation of Ecosystem Services""; ""3 Methods to Establish Baselines for Gulf of Mexico Ecosystem Services""; ""4 An Ecosystem Services Approach to Damage Assessment""; ""References""; ""Appendix A: Committee and Staff Biographies""; ""Appendix B: Acronyms""
Sommario/riassunto	On April 20, 2010, the Deepwater Horizon platform drilling the Macondo Well in Mississippi Canyon Block 252 (DWH) exploded, killing 11 workers and injuring another 17. The DWH oil spill resulted in nearly 5 million barrels (approximately 200 million gallons) of crude oil spilling into the Gulf of Mexico (GoM). The full impacts of the spill on the GoM and the people who live and work there are unknown but expected to be considerable, and will be expressed over years to

decades. In the short term, up to 80,000 square miles of the U.S. Exclusive Economic Zone (EEZ) were closed to fishing, resulting in loss of food, jobs and recreation. The DWH oil spill immediately triggered a process under the U.S. Oil Pollution Act of 1990 (OPA) to determine the extent and severity of the "injury" (defined as an observable or measurable adverse change in a natural resource or impairment of a natural resource service) to the public trust, known as the Natural Resources Damage Assessment (NRDA). The assessment, undertaken by the trustees (designated technical experts who act on behalf of the public and who are tasked with assessing the nature and extent of site-related contamination and impacts), requires: (1) quantifying the extent of damage; (2) developing, implementing, and monitoring restoration plans; and (3) seeking compensation for the costs of assessment and restoration from those deemed responsible for the injury. This interim report provides options for expanding the current effort to include the analysis of ecosystem services to help address the unprecedented scale of this spill in U.S. waters and the challenges it presents to those charged with undertaking the damage assessment.
