

1. Record Nr.	UNINA9910820965203321
Titolo	An ecosystem services approach to assessing the impacts of the Deepwater Horizon oil spill in the Gulf of Mexico // 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, National Research Council of the National Academies
Pubbl/distr/stampa	Washington, District of Columbia : , : The National Academies Press, , [2013] ©2013
ISBN	0-309-28848-7 0-309-28846-0
Descrizione fisica	1 online resource (247 p.)
Disciplina	628.1683
Soggetti	BP Deepwater Horizon Explosion and Oil Spill, 2010 - Environmental aspects Environmental impact analysis - Mexico, Gulf of Environmental impact analysis - Gulf Coast (U.S.) Environmental monitoring - Mexico, Gulf of Restoration ecology - Mexico, Gulf of Restoration ecology - Gulf Coast (U.S.) Oil spills - Economic aspects - Gulf Coast (U.S.) Oil spills - Environmental aspects - Gulf Coast (U.S.) Mexico, Gulf of Environmental conditions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (pages 193-225).
Nota di contenuto	The Ecosystem Services Approach -- Resilience and Ecosystem Services -- Oil Spill Response Technologies -- Ecosystem Services in the Gulf of Mexico -- Research Needs in Support of Understanding Ecosystem Services in the Gulf of Mexico -- References --Appendix A: Biographical Sketches of Committee Members and Staff.
Sommario/riassunto	"As the Gulf of Mexico recovers from the Deepwater Horizon oil spill, natural resource managers face the challenge of understanding the

impacts of the spill and setting priorities for restoration work. The full value of losses resulting from the spill cannot be captured, however, without consideration of changes in ecosystem services--the benefits delivered to society through natural processes. An Ecosystem Services Approach to Assessing the Impacts of the Deepwater Horizon Oil Spill in the Gulf of Mexico discusses the benefits and challenges associated with using an ecosystem services approach to damage assessment, describing potential impacts of response technologies, exploring the role of resilience, and offering suggestions for areas of future research. This report illustrates how this approach might be applied to coastal wetlands, fisheries, marine mammals, and the deep sea -- each of which provide key ecosystem services in the Gulf -- and identifies substantial differences among these case studies. The report also discusses the suite of technologies used in the spill response, including burning, skimming, and chemical dispersants, and their possible long-term impacts on ecosystem services."--
