Record Nr. UNINA9910463456903321 Oil in the environment : legacies and lessons of the Exxon Valdez oil Titolo spill // edited by John A. Wiens, PRBO Conservation Science, California and The University of Western Australia, Perth [[electronic resource]] Cambridge:,: Cambridge University Press,, 2013 Pubbl/distr/stampa **ISBN** 1-107-27251-3 1-316-09016-7 1-107-27399-4 1-107-27848-1 1-107-27523-7 1-139-22533-2 Descrizione fisica 1 online resource (xxvii, 458 pages) : digital, PDF file(s) Disciplina 363.738/2097983 Soggetti Petroleum - Environmental aspects Oil spills - Cleanup Oil pollution of soils Shore protection Oil pollution of the sea Oil spills - Cleanup - Alaska - Prince William Sound Region Exxon Valdez Oil Spill, Alaska, 1989 Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Title from publisher's bibliographic system (viewed on 05 Oct 2015). Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Contents; Contributors; Use of acronyms; Acknowledgments; A bibliographic note; References; Prologue; References; Part I Introduction and background; Introduction; Chapter one Introduction and background: 1.1 Introduction: 1.2 The setting: the northern Gulf of Alaska and Prince William Sound; 1.2.1 Geography and geology; 1.2.2 The environment; 1.2.3 Human history; 1.3 The event: the Exxon Valdez oil spill; 1.3.1 What is crude oil?; 1.3.2 What happened to the oil?; 1.3.3 Other sources of oil; 1.4 Documenting exposure pathways; 1.5 The context: regulations, definitions, and litigation

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## Sommario/riassunto

What light does nearly 25 years of scientific study of the Exxon Valdez oil spill shed on the fate and effects of a spill? How can the results help in assessing future spills? How can ecological risks be assessed and quantified? In this, the first book on the effects of Exxon Valdez in 15 years, scientists directly involved in studying the spill provide a comprehensive perspective on, and synthesis of, scientific information on long-term spill effects. The coverage is multidisciplinary, with chapters discussing a range of issues including effects on biota, successes and failures of post-spill studies and techniques, and areas of continued disagreement. An even-handed and critical examination of more than two decades of scientific study, this is an invaluable guide for studying future oil spills and, more broadly, for unraveling the consequences of any large environmental disruption. For access to a full bibliography of related publications, follow the Resources link at www.cambridge.org/9781107027176.