

1. Record Nr.	UNINA9910299742203321
Autore	Vinnem Jan-Erik
Titolo	Offshore Risk Assessment vol 1 : Principles, Modelling and Applications of QRA Studies / / by Jan-Erik Vinnem
Pubbl/distr/stampa	London : , : Springer London : , : Imprint : Springer, , 2014
ISBN	9781447152071 1447152077
Edizione	[3rd ed. 2014.]
Descrizione fisica	1 online resource (597 p.)
Collana	Springer Series in Reliability Engineering, , 1614-7839
Disciplina	622.33819
Soggetti	Quality control Reliability Industrial safety Environmental management Ocean engineering Mathematical models Quality Control, Reliability, Safety and Risk Environmental Management Offshore Engineering Mathematical Modeling and Industrial Mathematics
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 and index.
Nota di contenuto	Part I -- 1.Introduction -- 2.Risk Picture: Definitions and Characteristics -- 3.Risk Assessment process and Main Elements -- 4. Lessons from Major Accidents -- 5.Lessons from Macondo Accident -- Part II -- 6.The Occurrence of Hydrocarbon Leaks: Process Systems -- 7.Fire Risk Modelling -- 8.Explosion Risk Modelling -- 9.Collision Risk Modelling -- 10.Marine Systems Risk Modelling -- 11.Risk due to Miscellaneous Hazards -- 12.Fatality Risk Assessment -- 13.Helicopter Transportation Fatality Risk Assessment.
Sommario/riassunto	Offshore Risk Assessment was the first book to deal with quantified risk assessment (QRA) as applied specifically to offshore installations and operations. Risk assessment techniques have been used for more than three decades in the offshore oil and gas industry, and their use is

set to expand increasingly as the industry moves into new areas and faces new challenges in older regions. This updated and expanded third edition has been informed by a major R&D program on offshore risk assessment in Norway and summarizes research from 2006 to the present day. Rooted with a thorough discussion of risk metrics and risk analysis methodology, subsequent chapters are devoted to analytical approaches to escalation, escape, evacuation and rescue analysis of safety and emergency systems. Separate chapters analyze the main hazards of offshore structures: fire, explosion, collision, and falling objects as well as structural and marine hazards. Risk mitigation and control are discussed, as well as an illustration of how the results from quantitative risk assessment studies should be presented. The third second edition has a stronger focus on the use of risk assessment techniques in the operation of offshore installations. Also decommissioning of installations is covered. Not only does Offshore Risk Assessment describe the state of the art of QRA, it also identifies weaknesses and areas that need further development. This new edition also illustrates applications of quantitative risk analysis methodology to offshore petroleum applications. A comprehensive reference for academics and students of marine/offshore risk assessment and management, the book should also be owned by professionals in the industry, contractors, suppliers, consultants and regulatory authorities.

2. Record Nr.	UNISANNIOIEI0001746
Autore	Wieser, Friedrich : von
Titolo	Opere di Friedrich von Wieser / a cura di Elena Franco Nani ; introduzione di Tullio Biagiotti ; nota matematica di Aldo Montesano
Pubbl/distr/stampa	Torino, : UTET, 1982
ISBN	8802037507
Descrizione fisica	866 p., [5] c. di tav. ; 23 cm
Collana	Classici dell'economia ; 12
Disciplina	330.1 330.15 330.157
Soggetti	Economia - Teorie Valore <economia> Filosofia
Collocazione	COLL. ITA CLADE
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Contiene: Il valore naturale ; La legge del potere