1. Record Nr. UNINA9910800037203321

Autore	Fingas Mervin F.
Titolo	The basics of oil spill cleanup / / Merv Fingas
Pubbl/distr/stampa	Boca Raton, Fla. : , : CRC Press, , 2013
ISBN	0-429-10802-8 1-62870-687-2 1-4398-6247-8
Edizione	[3rd ed.]
Descrizione fisica	1 online resource (273 p.)
Classificazione	SCI026000
Disciplina	628.1/6833 628.16833
Soggetti	Oil pollution of the sea - Environmental aspects - North America Oil spills - Cleanup
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	Front Cover; Contents; Preface; Acknowledgments; Author; List of Illustrations; List of Tables; Introduction; Chapter 1 - Oil Spills: Why Do They Happen and How Often?; Chapter 2 - Response to Oil Spills; Chapter 3 - Types of Oil and Their Properties; Chapter 4 - Behavior of Oil in the Environment; Chapter 5 - Analysis, Detection, and Remote Sensing of Oil Spills; Chapter 6 - Containment on Water; Chapter 7 - Oil Recovery on Water; Chapter 8 - Separation, Pumping, Decontamination, and Disposal; Chapter 9 - Spill-Treating Agents; Chapter 10 - In-Situ Burning Chapter 11 - Shoreline Cleanup and RestorationChapter 12 - Oil Spills on Land; Chapter 13 - Effects of Oil Spills on the Environment; Glossary; Reading for Further Information; Back Cover
Sommario/riassunto	An examination of pollution caused by crude oils and petroleum products derived from them, this book covers how oil spills are measured and detected and discusses the properties of the oil as well as its long-term fate in the environment. This third edition contains a new chapter devoted to pollution effects on wildlife. It focuses on the cleanup of oil spills that occur in water, since these spills spread most rapidly and cause the most visible environmental damage. It also includes coverage of the latest technologies as well as recent spills,

including the Gulf of Mexico--

2. Record Nr. UNINA9910488693803321

Autore	Ma Huadong
Titolo	Multimedia Sensor Networks / / by Huadong Ma, Liang Liu, Hong Luo
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2021
ISBN	981-16-0107-0
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (xii, 249 pages) : illustrations
Collana	Advances in Computer Science and Technology, In cooperation with the China Computer Federation (CCF), , 2198-2694
Disciplina	681.2
Soggetti	Computer networks Cooperating objects (Computer systems) Multimedia systems Computer Communication Networks Cyber-Physical Systems Multimedia Information Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1. Introduction to Multimedia Sensor Networks -- Chapter 2. Directional Sensing Models and Coverage Control -- Chapter 3. Data Fusion based Transmission in Multimedia Sensor Networks -- Chapter 4. In-Network Processing for Multimedia Sensor Networks -- Chapter 5. Multimedia Sensor Network Supported IoT Service -- Chapter 6. Prospect of Future Research. .
Sommario/riassunto	Sensor networks are an essential component of the Internet of Things (IoT), and Multimedia Sensor Networks (MSNs) are the most important emerging area in sensor networks. However, multimedia sensing is characterized by diversified modes, large volumes of data, considerable heterogeneity, and complex computing, as a result of which the theory and methods for traditional sensor networks can’t be applied to MSNs. Based on the authors’ years of systematic research on related theory and methods, this book provides a comprehensive review of MSNs. The coverage ranges from networked sensing and fusion-based

transmission, to route discovery and in-network computing. The book presents the most important scientific discoveries and fundamental theories on MSNs, while also exploring practical approaches and typical applications. Given its scope, it is especially suitable for students, researchers and practitioners interested in understanding scientific problems involved in characterizing multimedia sensing features, revealing the transmission mechanisms of MSNs, and constructing efficient in-network multimedia computing paradigms. In this book, readers will learn essential methods for achieving the optimal deployment of, efficient and reliable transmission, and timely information processing in MSNs.