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Titolo	Marine outfall construction [[electronic resource]] : background, techniques, and case studies // Robert A. Grace
Pubbl/distr/stampa	Reston, Va., : ASCE Press, c2009
ISBN	0-7844-7239-4
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Nota di contenuto	<p>""Contents""; ""Preface""; ""List of Acronyms""; ""Glossary""; ""A""; ""B""; ""C""; ""D""; ""E""; ""F""; ""G""; ""H""; ""I""; ""J""; ""K""; ""L""; ""M""; ""N""; ""O""; ""P""; ""R""; ""S""; ""T""; ""U""; ""V""; ""W""; ""Z""; ""1 The Marine Outfall in Context""; ""1.1 Precious Water""; ""1.2 Marine Disposal of Wastewater""; ""1.3 Wastewater Reuse""; ""1.4 Releasing Wastewater to the Marine Environment""; ""1.5 Multiple Uses of the Marine Environment""; ""1.6 Taking Individual Outfalls Out of Service""; ""1.7 The Marine Outfall as the Disposal Method of Choice""; ""References""</p> <p>""2 Moving toward Construction""""2.1 Working in the Sea""; ""2.2 The Bracketing of Marine Outfall Construction""; ""2.3 The Most Crucial Marine Data""; ""2.4 Development of the Design of the Southwest Ocean Outfall""; ""2.5 Additional Matters""; ""2.6 Designa€?Build""; ""2.7 Offshore and Underwater Operations""; ""2.8 Book Plan"";</p> <p>""References""; ""3. Providing a Stable Work Base within the Surf Zone""; ""3.1 The Trestle""; ""3.2 A Full-Length Outfall Trestle at New Plymouth, New Zealand""; ""3.3 Another Full-Length Outfall Trestle at McGaurans Beach, Australia""</p> <p>""3.4 A Large Power Plant Outfall""""3.5 Big Pipe with Strict Environmental Stipulations""; ""3.6 The Jackup Barge or Platform""; ""3.7 An Outfall Extension at Fort Bragg, California""; ""3.8 More Walking Platforms""; ""References""; ""4 Pulling an Outfall Seaward along the</p>

Ocean Floor"; "4.1 The Bottom-Pull Operation"; "4.2 The Cape Peron Outfall, Western Australia"; "4.3 Two Other Notable Bottom-Pulled Outfalls"; "4.4 A Pair of Modern Bottom-Pulled Conduits"; "4.5 Further Cases: 1978a€?1986"; "4.6 Further Cases: 1987a€?2002"; "4.7 Additional Matters"
"4.8 Crucial Numbers for the Bottom-Pull Operation""References";
"5 Placing Outfalls under Protected Sites or Obstructions"; "5.1 Horizontal Directional Drilling"; "5.2 Gas and Oil Industry Shore Crossing, Example No. 1"; "5.3 Two More Gas and Oil Shore Crossings"; "5.4 Unfulfilled Horizontal Directional Drilling Attempts"; "5.5 HDD Outfall Case Studies in the United Kingdom"; "5.6 Other HDD Case Studies in Developed Countries"; "5.7 Central Pacific Ocean HDD Jobs"; "References"; "6 Crane Barge Offshore, Trestle Inshore, Trouble Ahead"
"6.1 Section-by-Section Installation of Reinforced Concrete Pipe Outfalls""6.2 Southwest Ocean Outfall, San Francisco, California"; "6.3 Monterey Bay Outfall, California"; "6.4 Santa Cruz No. 3 Outfall, California"; "6.5 Stormwater Outfalls on the Lower U.S. East Coast"; "6.6 The Crane Barge Working Alone"; "References"; "7 High-Tech Outfall Installation in Deep Water"; "7.1 Saturation Diving"; "7.2 Working Underwater with No Divers"; "7.3 Renton, Seattle, Washington"; "7.4 Iona, Vancouver, British Columbia, Canada"; "7.5 Point Loma Extension, San Diego, California"
"References"

2. Record Nr.	UNINA9910619463203321
Autore	Oks E. A (Evgenii Aleksandrovich)
Titolo	Atomic Processes in Plasmas and Gases
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2022
ISBN	3-0365-5444-0
Descrizione fisica	1 online resource (102 p.)
Soggetti	Physics Research & information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Atomic processes in plasmas and gases encompass broad areas in theoretical, experimental, atomic and molecular physics. One example is atomic processes that are involved in the study of various plasmas over a wide range of electron densities and temperatures. The topics in this area covered in the present book include magnetic fusion plasmas, laser-produced plasmas, as well as plasma spectroscopy for all of the above applications. Another example is atomic and molecular processes in neutral gases. Rydberg polar molecules in particular are covered in this book.