

1. Record Nr.	UNINA9910583053803321
Titolo	Hydraulic rubber dam : an effective water management technology / / edited by Sabu Thomas [and four others]
Pubbl/distr/stampa	Oxford ; ; Cambridge, MA : , : William Andrew, , [2019] ©2019
ISBN	0-12-813511-5 0-12-812210-2
Descrizione fisica	1 online resource (143 pages)
Disciplina	678.2
Soggetti	Rubber - Permeability
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Rubber Dam--An Introduction -- Water Conservation Technologies -- Raw Materials-Rubber Dam -- Manufacturing Process-Reinforced Rubber Sheet for Rubber Dam -- Bonding and Anchoring System for Rubber Dam -- Inflation and Deflation of Rubber Dam -- Lifecycle Assessment of Rubber Dam.
Sommario/riassunto	Hydraulic Rubber Dam: An Effective Water Management Technology is the go-to source for information on the materials, manufacture, mechanics and functional benefit of rubber dams in water management. Readers will find a detailed background on water conservation and coverage, how inflatable rubber dam technology contributes to the picture, and information on the proper manufacture and use of rubber dams to increase water storage for release and delivery during drought. In addition, the book presents tactics on the even distribution of water across populations, how to increase water use efficiency, conservation, and how to prevent flooding. In particular, this book details specialist manufacturing techniques, including the development of rubber compounds and fabric, the bonding and anchoring systems which hold the rubber dam to the underlying concrete structure, and inflation and deflation mechanisms for rubber dams. The book provides a holistic lifecycle assessment of rubber dams to give additional insight to readers looking to deploy rubber dam technology.

