Record Nr. UNINA9910465521703321 Water in mineral processing [[electronic resource] /] / edited by **Titolo** Jaroslaw Drelich; contributing editors, Jiann-Yang Hwang ... [et al.] Pubbl/distr/stampa Englewood, Colo., : Society for Mining, Metallurgy, and Exploration, c2012 **ISBN** 1-62198-028-6 0-87335-356-0 Edizione [1st ed.] Descrizione fisica 1 online resource (417 p.) Altri autori (Persone) DrelichJ (Jaroslaw) HwangJiann-Yang Disciplina 622.028/6 Soggetti Mineral industries - Water-supply Mineral industries - Waste disposal - Environmental aspects Water reuse Dredging spoil - Environmental aspects Electronic books. 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 pt. 1. Keynotes -- pt. 2. Processing with sea water and saline solutions -- pt. 3. Water treatment and biological methods -- pt. 4. Effect of water quality on minerals processing -- pt. 5. Water and tailings management. Sommario/riassunto One of the major challenges confronting the mining and minerals processing industry in the 21st century will be managing in an environment of ever decreasing water resources. Because most mineral processing requires high water use, there will be even more urgency to develop and employ sustainable technologies that will reduce consumption and the discharge of process-affected water. Water in Mineral Processing provides a comprehensive, state-of-theart examination of this vital issue. A compilation of papers presented at the First International Symposium on Water in Mineral Process