1. Record Nr. UNINA9910557360103321 Autore Jeguirim Mejdi Titolo Wastewater Treatment, Valorization and Reuse Pubbl/distr/stampa Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021 Descrizione fisica 1 electronic resource (174 p.) Soggetti Research & information: general Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia This book deals with the latest developments regarding urban and Sommario/riassunto industrial wastewaters' adapted treatment with various technologies. It focuses, through valuable publications, on the shifting of the wastewater management paradigm from "treatment and disposal" to "the 4Rs principle: Reduce, Recycle, Reuse, and Recover". The adapted wastewater treatment step will allow (i) the disposal of supplementary water amounts that could be safely reused in order to tackle the waterscarcity problem, and (ii) the preservation of the environment against pollution. Finally, this book will contribute to the achievement of the United Nations Sustainable Development Goals and other international

related initiatives.