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Titolo	Handbook of Water and Used Water Purification / / edited by Josef Lahnsteiner
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-319-66382-8
Descrizione fisica	1 online resource (300 illus., 200 illus. in color.)
Disciplina	363.7394 363.73946
Soggetti	Water - Pollution Water quality Water-supply Waste Water Technology / Water Pollution Control / Water Management / Aquatic Pollution Water Quality/Water Pollution Water Industry/Water Technologies
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Water--an essential element. - Water and used water purification basics and technical realization of process units. - Water chemistry and analysis. - Freshwater purification systems. - Municipal used water purification systems. - Industrial used water purification systems. - Water reuse and recycling. - Municipal sludge treatment systems. - Instrumentation and control -- Materials and corrosion protection -- Working terminology and definitions of terms.
Sommario/riassunto	The book addresses the entire water cycle. The focus is on new technologies/processes (especially in high performance biological treatment), energy recovery, water recycling and reuse. Recommendations with regard to the right technologies/processes for specific situations are provided. In addition, the most modern water terminology with more positive connotations is used. This is especially important in the field of direct and indirect potable reuse (DPR and IPR respectively).

