

1. Record Nr.	UNISALENT0991001923619707536
Autore	Zumthor, Paul
Titolo	Babele : dall'incompiutezza / Paul Zumthor
Pubbl/distr/stampa	[Bologna] : Il Mulino, [c1997]
ISBN	8815061444
Descrizione fisica	216 p. ; 21 cm.
Collana	Intersezioni ; 184
Soggetti	Torre di Babele
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910788489903321
Autore	Hendricks David
Titolo	Fundamentals of water treatment unit processes : physical, chemical, and biological / / by David Hendricks
Pubbl/distr/stampa	Boca Raton, FL : , : CRC Press, an imprint of Taylor and Francis, , [2016] ©2010
ISBN	0-429-10903-2 1-4398-9509-0 1-62870-471-3
Edizione	[First edition.]
Descrizione fisica	1 online resource (930 p.)
Classificazione	TEC010030
Disciplina	628.162
Soggetti	Water - Purification Sewage - Purification
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 at the end of each chapters and index.

Nota di contenuto

Front cover; Contents; Preface; Acknowledgments; Author; Downloadable Files; Contents-Downloadable Files; Part I. Foundation; Chapter 1. Water Treatment; Chapter 2. Water Contaminants; Chapter 3. Models; Chapter 4. Unit Process Principles; Part II. Particulate Separations; Chapter 5. Screening; Chapter 6. Sedimentation; Chapter 7. Grit Chambers; Chapter 8. Flotation; Part III. Microscopic Particles; Chapter 9. Coagulation; Chapter 10. Mixing; Chapter 11. Flocculation; Chapter 12. Rapid Filtration; Chapter 13. Slow Sand Filtration; Chapter 14. Cake Filtration; Part IV. Molecules and Ions Chapter 15. AdsorptionChapter 16. Ion-Exchange; Chapter 1.7 Membrane Processes; Chapter 18. Gas Transfer; Chapter 19. Disinfection; Chapter 20. Oxidation; Chapter 21. Precipitation; Part V. Biological Treatment; Chapter 22. Biological Reactions and Kinetics; Chapter 23. Biological Reactors; Pre-Appendix Tables; Appendix A: International System of Units; Appendix B: Physical Constants and Physical Data; Appendix C: Miscellaneous Relations; Appendix D: Fluid Mechanics-Reviews of Selected Topics; Appendix E: Porous Media Hydraulics; Appendix F: Alum Data and Conversions Appendix G: Dimensionless NumbersAppendix H: Dissolved Gases; Index; Back cover

Sommario/riassunto

Carefully designed to balance coverage of theoretical and practical principles, Fundamentals of Water Treatment Unit Processes delineates the principles that support practice, using the unit processes approach as the organizing concept. The author covers principles common to any kind of water treatment, for example, drinking water, municipal wastewater, industrial water treatment, industrial waste water treatment, and hazardous wastes. Since technologies change but principles remain constant, the book identifies strands of theory rather than discusses the latest technologies, giving students a clear understanding of basic principles they can take forward in their studies.