Table of Contents

Preta	ce	Xiii
01	Introduction	01
Part 1 Water		
02	Water Quality: Definitions, Characteristics, and Perspectives	11
03	Water Purification Processes in Natural Systems	63
04	Engineered Systems for Water Purification	104
05	Engineered System for Wastewater Treatment and Disposal	207
06	Environmental Engineering Hydraulics Design	324
Part 2 Air		
07	Air Quality: Definitions, Characteristics, and Perspectives	417
08	Meteorology and Natural Purification Processes	483
09	Engineered Systems for Air Pollution Control	514
Part 3 Solid Waste		
10	Solid Waste: Definitions, Characteristics, and Perspectives	573
11	Engineered Systems for Solid-Waste Management	594
12	Engineered Systems for Resource and Energy Recovery	653
Appendixes		679
Indexes		П

About Author

Howard S. Peavey Professor of Civil Engineering, Montana State University

Donald R. Rowe

George Tchobanoglous Professor of Civil Engineering, University of California, Davis