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Characterizing Spatial and Temporal Distributions of Contaminants; 6.8 Estimating Phase Distributions of Contaminants
6.9 Quantifying Contaminant Transport and Fate Questions and Problems; References and Additional Reading; Chapter 7. Chemical Processes Affecting Contaminant Transport and Fate; 7.1 Introduction; 7.2 Basic Properties of Inorganic Contaminants; 7.3 Basic Properties of Organic Contaminants; 7.4 Sorption Processes; 7.5 Abiotic Transformation Reactions; Questions and Problems; References and Additional Reading; Chapter 8. Biological Processes Affecting Contaminant Transport and Fate; 8.1 Biological Effects on Pollutants; 8.2 The Overall Process of Biodegradation
8.3 Microbial Activity and Biodegradation

Sommario/riassunto

This unique book integrates a large number of subjects in environmental studies and provides a realistic and objective evaluation of pollution as a price we pay for a modern economy. It focuses on the scientific assessment of environmental quality by developing a framework of principles that can be applied to any environmental problem. It addresses tactical issues for managers and government workers such as remediation, environmental monitoring, risk assessment, and management. It can be used by professionals as well as undergraduate students.* Emphasizes conceptual understanding of
