

CONTENT

	Page
Foreword	3
Introduction	6
1. Environmental biotechnology in Europe : Community activities	9
2. Process intensification	19
3. Immobilized whole-cell biocatalysis	32
4. Immobilized enzymes and their applications	81
5. Process engineering : macro-kinetic aspects of aerobic wastewater-treatment processes	121
6. Biomethanation	149
7. Recovery of by-products and raw materials and wastewater conversion	173
8. Application of molecular biology	209
9. Bioleaching	236
10. Lignin and cellulose biodegradation	255
11. Methane from solid wastes	275
12. Environmental biotechnology in development countries	286
13. Composting	301
Index	326