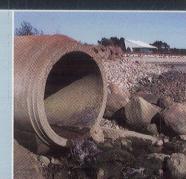


## ENVIRONMENTAL BIOTECHNOLOGY

THEORY AND APPLICATION

GARETH M. EVANS AND JUDITH C. FURLONG





## **Contents**

Foreword Preface Acknowledgements		ix xi xiii
Chapter 1	Introduction to Environmental Biotechnology	1
Chapter 2	Microbes and Metabolism	13
Chapter 3	Fundamentals of Biological Intervention	49
Chapter 4	Pollution and Pollution Control	65
Chapter 5	Contaminated Land and Bio-Remediation	91
Chapter 6	Aerobes and Effluents	117
Chapter 7	Phytotechnology and Photosynthesis	145
Chapter 8	Biotechnology and Waste	175
Chapter 9	Genetic Manipulation	213
Chapter 10	Integrated Environmental Biotechnology	235
Bibliography and Suggested Further Reading Index		269 271