ENVIRONMENTAL ROI

SUCCESSFUL TECHNIQUES IN COST AVOIDANCE

EDITED BY

STEPHEN W. SEEMER

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INTRODUCTION

Today's economic environment is forcing a reassessment of how things are done. Included in this reassessment is the nation's approach to environmental regulation and compliance.

The 1980s witnessed a surge in environmental law and regulation. Companies spent liberally to meet their obligations under the law.

Today, the emphasis is on efficiency and accomplishing goals with fewer resources. The purpose of this book is to provide practical, cost-effective solutions to the compliance problems environmental managers, engineers, and plant operations managers face daily.

Contributors from industry, consulting, and law offer the ideas and techniques they have discovered through years of practice—ideas and techniques that help them get the job done efficiently and cost-effectively.

The ideas and techniques covered in this book fall into three categories: management techniques, operational approaches, and compliance programs. In the management section, experts and seasoned practitioners show how environmental dollars can be saved through skillful cost estimating, intelligent project management, sharp negotiating and contracting, and dealing effectively with regulators, facility managers, and the public.

Operational efficiency is the theme of the second section, with contributors offering ideas for cutting environmental costs, and at the same time improving overall productivity. Innovative approaches to maintenance, waste minimization, and prevention are discussed at length. Other chapters address how to avoid fines for violating hazardous materials transportation rules, a cost-effective approach to remediation and cleanup, and facilities audits.

The last section of the book offers ideas and approaches for cost-effective compliance in such major program areas as health and safety, air, solid waste, and hazardous waste.

The contributors to this volume have joined together to offer readers a broad range of approaches and ideas for solving the environmental problems they face cost-effectively and to show how the most expensive solutions are often not the best ones.

SECTION

ENVIRONMENTAL MANAGEMENT TECHNIQUES