

THE SOLID WASTE

HANDBOOK

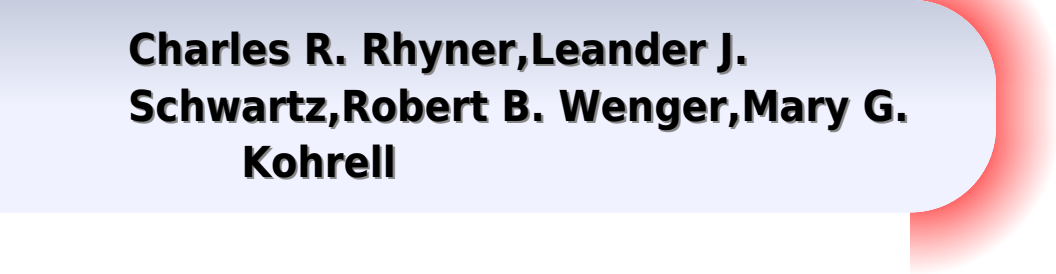
A Practical Guide

Edited by

William D. Robinson, P.E.

Solid Waste Handbook A Practical Guide

**Charles R. Rhyner, Leander J.
Schwartz, Robert B. Wenger, Mary G.
Kohrell**



Solid Waste Handbook A Practical Guide:

The Solid Waste Handbook William D. Robinson, 1991-01-16 A comprehensive single source reference of current issues in solid waste management designed as an aid in decision making and assessment of future trends Covers public perceptions legislation regulation planning and financing and technologies and operation Reviews the evolution of waste management since the passage of the Resource Conservation and Recovery Act of 1976 amended in 1978 1980 and 1984 Examines common and divergent public and private concerns including an in depth review of public perceptions and their effect on planning and implementation Also includes a discussion of the inadequacies of most waste quantity and composition estimates with techniques for adequate evaluation Looks at the misunderstanding and controversy over source separation and issues in municipal resource recovery from the viewpoint of the private scrap process industry Also includes an unprecedented examination of the problem of bulky waste logistics and its effect on current disposal practice and case histories and the current status of energy recovery from industrial waste With over 500 tables graphs and illustrations

Data Summary of Municipal Solid Waste Management Alternatives: Appendix F, Landfills, 1992 **Guide for Industrial Waste Management** Birute Vanatta, 2000-12 Designed to assist facility managers state tailor management practices to risks affirm state foster a partnership *Selected Water Resources Abstracts*, 1988-12 *Biosphere 2000* Donald G. Kaufman, Cecilia M. Franz, 2000 *New York Court of Appeals. Records and Briefs*. New York (State).,

Decision-makers Guide to Solid Waste Management United States. Environmental Protection Agency. Office of Solid Waste and Emergency Response, 1989 **Resources and References** Donna S. Kocurek, Bayle Woodside, 1995-12-31 This guide book provides references and resources for the complex field of hazardous waste and hazardous materials management The book is divided into general topics such as air quality industrial wastewater pollution prevention and risk assessment under hazardous waste management and chemical hazards emergency planning and hazard communication under hazardous materials management Each individual section includes a list of annotated bibliographies of the most recent books by major publishers as well as established standard references Following the annotated titles are additional references of books and documents by publishers technical associations and governmental agencies primarily the U S Environmental Protection Agency In general only references from 1986 onward are included since the technology and regulations affecting hazardous waste and materials are constantly evolving Additional resources included in the book are video tapes for training and instruction information services and databases libraries agency contacts technical journals and a list of publishers and ordering information This book will be a useful reference to professionals in the environmental field who need an extensive but concise source of technical information and contacts The book will be a valuable addition to individual libraries and will fill a current reference void in university libraries and technical libraries in industry and government At present there are very few technical bibliographies in the field and none has covered topics related to hazardous materials and hazardous

waste as extensively as this book *Waste Management and Resource Recovery* Charles R. Rhyner, Leander J. Schwartz, Robert B. Wenger, Mary G. Kohrell, 2017-12-14 This book provides a basic understanding of waste management problems and issues faced by modern society Scientific technical and environmental principles are emphasized to illustrate the processes of municipal and industrial solid wastes and liquid wastes and the nature of impacts resulting from waste dispersal and disposal in the environment Economic social legal and political aspects of waste management are also addressed Environmental issues and concerns receive thorough coverage in discussing waste reduction resource recovery and efficient and practical waste disposal systems Other specific topics include recycling physical and chemical processing the biological treatment of waste solids incineration pyrolysis and energy recover hazardous wastes and landfill management The role of government and other institutions in waste management and resource recovery matters is also detailed Discussion questions worked examples and end of chapter problems reinforce important concepts *Waste Management and Resource Recovery* is particularly suitable as a text in waste management courses in environmental science or engineering programs It also works well as a reference for practitioners in the waste management field Solid Waste Management Ramesha Chandrappa, Diganta Bhusan Das, 2024-03-20 This book discusses solid waste management issues from global to local level It offers an overview of the methods and paradigms of this burgeoning field ranging from generation characteristics quantity and practical challenges The book discusses the major issues with respect to environmental health and economy which are related to solid waste management Furthermore it contains updated information on topics such as toxicology climate change population pressure urbanization energy production building and community design and disaster preparedness in the context of solid waste management **Hazardous Waste Management** Deepak Kumar Yadav, Pradeep Kumar, Pardeep Singh, Daniel A. Vallero, 2021-11-30 *Hazardous Waste Management An Overview of Advanced and Cost Effective Solutions* includes the latest practical knowledge and theoretical concepts for the treatment of hazardous wastes The book covers five major themes namely ecological impact waste management hierarchy hazardous waste characteristics and regulations hazardous wastes management and future scope of hazardous waste management It serves as a comprehensive and advanced reference for undergraduate students researchers and practitioners in the field of hazardous wastes and focuses on the latest emerging research in the management of hazardous waste the direction in which this branch is developing as well as future prospects The book deals with all these components in depth however particular attention is given to management techniques and cost effective economically feasible solutions for hazardous wastes released from various sources Comprehensively explores the impact of hazardous wastes on human health and ecosystems Discusses toxicity across solid waste aquatic food chain and airborne diseases Categorically elaborates waste treatment and management procedures with current challenges Discusses future challenges and the importance of renewing technologies

Recycling and the Politics of Urban Waste Matthew Gandy, 2014-06-03 The affluence of western society has given rise to

unprecedented quantities of waste presenting one of the most intractable environmental problems for contemporary society This book examines recycling and municipal waste management in three major cities London New York and Hamburg A range of political and economic issues are examined to illustrate how any reduction in the size of the waste stream in order to achieve more equitable and environmentally sustainable patterns of resource use is incompatible with the current emphasis in the use of the market for environmental protection The case studies show how contrary to the hopes of many environmentalists and policy makers municipal waste management is moving steadily towards the profitable option of incineration with energy recovery rather than the recycling of materials or waste reduction at source The evidence suggests that the achievement of a more sustainable pattern of recycling and waste management policy would demand a fundamental change in public policy to give government a more active role in environmental protection

Development of Recycling Markets United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Transportation and Hazardous Materials,1991 **The ^AWaste Crisis** Hans Y. Tammemagi,1999-12-16 As populations continue to increase society produces more and more waste Yet it is becoming increasingly difficult to build new landfills and the existing landfills are causing significant environmental damage Finding solutions is not simple the problem is enormous in size vital in terms of its impact on the environment and complex in scope This book provides a vast look at solid waste management in North America and seeks solutions to the waste crisis It describes the magnitude and complexity of the problem focusing on municipal wastes and placing them in the perspective of other wastes such as hazardous biochemical and radioactive debris It describes the components of an integrated waste management program including recycling composting landfills and waste incinerators and it presents in detail the scientific and engineering principles underlying these technologies To illustrate both the problems and solutions of waste management programs the authors provide seven case histories among them the Fresh Kills Staten Island New York the East Carbon Landfill Utah and the Lancaster County Municipal Waste Incinerator Pennsylvania The Waste Crisis is unique in its attempt to analyze waste management in a broader societal context and to propose solutions based on basic principles And by doing so it encourages readers to challenge commonly held perceptions and to seek new and better ways of dealing with waste As such this book deserves a place on the bookshelf of anyone who deals with or feels the need to confront the growing problems of waste management

Source reduction bibliography,1995 Garbage in the Garden State Jordan P. Howell,2023-04-14 Garbage in the Garden State is the only book to examine the history of waste management in New Jersey The state has played a pioneering role in the overall trajectory of waste management in the US Howell s book is unique in the way that it places the contemporary challenges of waste management into their proper historical context for instance why does the system for recycling seem to work so poorly Why do we have so many landfills in New Jersey but also simultaneously not enough landfills or incinerators Howell acknowledges that New Jersey is sometimes imagined particularly by non New Jerseyans as a giant garbage dump for New York and Philadelphia But

every place has had to struggle with the challenges of waste management New Jersey s trash history is in fact more interesting and more important than most New Jersey s waste history includes intensive planning deep seated political conflict organized crime and literally every level of state and federal judiciary It is a colorful history to say the least and one that includes a number of firsts with regard to recycling comprehensive planning and the challenging economics of trash

Energy Abstracts for Policy Analysis ,1984 **Buying "green"** United States. Congress. Senate. Committee on Governmental Affairs. Subcommittee on Oversight of Government Management,1992 Bibliography of Municipal Solid Waste Management Alternatives ,1989 Fossil Energy Update ,1978

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