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# Plastic Waste Management Slogan

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The Ethics of Waste

Teaching Classroom Controversies

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Solid waste management in the world's cities.

Solid Waste Management in the World's Cities

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Improving Municipal Solid Waste Management in India

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*Plastic Waste Management Slogan*

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## **BROOKLYNN PORTER**

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The Ethics of Waste John Wiley & Sons

Gay Hawkins explores the ethical significance of waste in everyday life—from the broadest conceptions of waste and loss to how the environmental movement has affected the ways we think about garbage. Do we feel virtuous for reusing plastic bags and disdain those who don't? At what point does personal waste become public responsibility? How does this 'public conscience' affect policy? Placing these ideas into historical, social, and cultural perspective, this thoughtful book seeks ways to change ecologically destructive practices without recourse to guilt, moralism, or despair.

## **Teaching Classroom Controversies** Springer Nature

Climate change has morphed from an environmental problem into a challenge to civilization itself. As CO<sub>2</sub> levels have continued to rise, the 8th Edition of this book is now more relevant than ever. Retaining the approach of the original edition, the newest iteration features global warming as the framing example for a comprehensive look at environmental economics. Pedagogical clarity is ensured by the book's central focus on four highly-focused questions: How much pollution is too much? Is the government up to the job? How can we do better? How can we resolve global issues? The text also continues with a strong focus on natural resources economics and ecosystem services. Updates to the book are included to address the very latest concerns, standards, and legislation related to environmental issues,

providing students with a comprehensive look at this important topic while maintaining an accessible approach that makes the material engaging and highly relevant.

#### Plastic Springer

Public information messages are an important means of state-citizen communication in today's societies. Using this genre, citizens are directed to "never ever drink and drive", to "slow down" and to "learn to say no". Yet, this book presents the first in-depth analysis of public information messages from a linguistic perspective, and indeed also from a cross-cultural perspective. Specifically, the study, adopting genre analysis, contrasts a corpus of state-run national public information campaigns in Germany and Ireland. A taxonomy of moves is developed inductively and the interactional features of the genre are analysed and related to the context of use. The comprehensive discussion of theoretical and methodological issues, the in-depth analysis and the extensive bibliography make this book of interest to researchers and students in (contrastive) discourse analysis, (cross-cultural) pragmatics, contrastive rhetoric, advertising, social psychology, mass communication and media studies. Copy-writers will also profit from the insights gained, particularly within the context of an increase in Europe-wide public information campaigns.

#### City Veg Rowman & Littlefield

As prosperity levels rise, so too does the number of products and services being consumed. For policy makers in waste management facing a growing challenge, it is vital to understand the complex relationship between waste prevention policies and individual behaviour regarding waste generation. This book

examines that interplay, taking a close look at the role of motivation, difficulties, values and constraints. The first part of the book explores the theoretical framework, policy, barriers and facilitators for waste prevention behaviour. The second part presents in-depth case studies from three cities (Sao Paulo, Sheffield and Tokyo) examining the contextual factors, behavioural variations among them and the role of motivation and constraints in their populations. The book provides a detailed picture of how waste prevention policies enter the private, domestic sphere, offering insights for generating behavioural change at the household level and thus moving larger communities towards sustainable waste management. The book will be of interest to students and researchers in the areas of environmental policy, management, sociology, psychology, geography, technology and waste studies.

#### Emerging Practices in Scholarship of Learning and Teaching in a Digital Era Bloomsbury Publishing

Learn how to spend less, be kinder to the environment and go in the direction of your dreams! Back in 2011 I became a parent for the second time and wanted to quit my job and be a stay at home mum. We had just moved house and increased our mortgage, now had two children to look after and I preferred to buy costly eco-friendly and organic products. How was I going to be able cut my spending by enough money to quit my job and stick to my eco-friendly principles? The challenge was set and a year later I did quit my job to become a stay at home mum and blogger. I saved far more money than I ever could have imagined by being eco-friendly! In this book I share with you what I have learned over the years of saving money and the environment.

There are lots of practical hints and tips, which overall will help you to: 1. Make the most of what you have 2. Reduce your rubbish 3. Save you money 4. Unleash your creative side. Topics covered in the book include: 1. Kitchen waste 2. Stuff 3. Sustainable fashion 4. Cleaning 5. Bathroom 6. Entertainment 7. Celebrations and special occasions 8. Energy 9. Getting fit 10. Kids 11. Gardening If you think freeing up some cash could help improve your life, you care about the environment and you are ready to do things differently, then this is the book for you! Zoe Morrison is the author of award winning blog [www.ecothriftyliving.com](http://www.ecothriftyliving.com). She is regularly interviewed on BBC Radio and she has been featured in newspapers around the world.

#### **Plastics to Energy** CRC Press

Feeding the world, climate change, biodiversity, antibiotics, plastics - the list of concerns seems endless. But what is most pressing, what are the knock-on effects of our actions, and what should we do first? Do we all need to become vegetarian? How can we fly in a low-carbon world? Should we frack? How can we take control of technology? Does it all come down to population? And, given the global nature of the challenges we now face, what on Earth can any of us do? Fortunately, Mike Berners-Lee has crunched the numbers and plotted a course of action that is practical and even enjoyable. There is No Planet B maps it out in an accessible and entertaining way, filled with astonishing facts and analysis. For the first time you'll find big-picture perspective on the environmental and economic challenges of the day laid out in one place, and traced through to the underlying roots - questions of how we live and think. This book will shock you, surprise you - and then make you laugh. And you'll find practical

and even inspiring ideas for what you can actually do to help humanity thrive on this - our only - planet.

#### **Bio-based Plastics for Food Packaging Applications** World Bank Publications

Management of Marine Plastic Debris gives a thorough and detailed presentation of the global problem of marine plastics debris, covering every aspect of its management from tracking, collecting, treating and commercial exploitation for handling this anthropogenic waste. The book is a unique, essential source of information on current and future technologies aimed at reducing the impact of plastics waste in the oceans. This is a practical book designed to enable engineers to tackle this problem—both in stopping plastics from getting into the ocean in the first place, as well as providing viable options for the reuse and recycling of plastics debris once it has been recovered. The book is essential reading not only for materials scientists and engineers, but also other scientists involved in this area seeking to know more about the impact of marine plastics debris on the environment, the mechanisms by which plastics degrade in water and potential solutions. While much research has been undertaken into the different approaches to the increasing problem of plastics marine debris, this is the first book to present, evaluate and compare all of the available techniques and practices, and then make suggestions for future developments. The book also includes a detailed discussion of the regulatory environment, including international conventions and standards and national policies. - Reviews all available processes and techniques for recovering, cleaning and recycling marine plastic debris - Presents and evaluates viable options for engineers to tackle this growing

problem, including the use of alternative polymers - Investigates a wide range of possible applications of marine plastics debris and opportunities for businesses to make a positive environmental impact - Includes a detailed discussion of the regulatory environment, including international conventions and standards and national policies

Microplastics in Human Consumption Springer

Solid waste management issues, technologies and challenges are dynamic. More so, in developing and transitory nations in Asia. This book, written by Asian experts in solid waste management, explores the current situation in Asian countries including Pacific Islands. There are not many technical books of this kind, especially dedicated to this region of the world. The chapters form a comprehensive, coherent investigation in municipal solid waste (MSW) management, including, definitions used, generation, sustainable waste management system, legal framework and impacts on global warming. Several case studies from Asian nations are included to exemplify the real situation experienced. Discussions on MSW policy in these countries and their impacts on waste management and minimization (if any) are indeed an eye-opener. Undoubtedly, this book would be a pioneer in revealing the latest situation in the Asian region, which includes two of the world's most dynamic nations in the economic growth. It is greatly envisaged to form an excellent source of reference in MSW management in Asia and Pacific Islands. This book will bridge the wide gap in available information between the developed and transitory/developing nations.

Sustainability in the Hospitality Industry 2nd Ed CRC Press

This book compiles many different treatment options and best

practices for the treatment and recycling of municipal solid waste from all over the globe, factoring in cost-effectiveness, sanitation, and environmental degradation. Important to professors, researchers, students, policymakers, and municipal offices, this informed book looks into innova

**Zero Waste Home** UN-HABITAT

Environmental Materials and Waste: Circular Economy and Pollution Abatement, Second Edition, contains the latest information on environmental sustainability as a wide variety of natural resources are increasingly being exploited to meet the demands of a worldwide growing population and economy. The book takes a multidisciplinary approach to fully realize the number of by-products which can be remanufactured, providing the foundation needed across disciplines to tackle this issue. As awareness and opportunities to recover valuable resources from process and bleed streams is gaining interest, sustainable recovery of environmental materials, including wastewater, offers tremendous opportunity to combine profitable and sustainable production. In this 2nd edition, operational principles of circular economy for sustainable development with reference to environmental waste shall be covered. Circular economy research is discussed in depth as it has gained considerable momentum in the scientific literature thus far, and both conceptual debates and the creation of useful implementation strategies are still in their infancy. Although circular systems are now being implemented, this book will emphasize the importance to properly consider and convert circular economy goals and principles into actions. As a whole, this 2nd edition of Environmental Materials and Waste covers a wide range of issues that must be covered in order to

improve environmental sustainability. - Presents a state-of-the-art guide to environmental sustainability - Provides an overview of the field, highlighting recent and emerging issues in environmental resource recovery that cover a wide array of by-products for remanufacture potential - Details a multidisciplinary approach to fully realize the number of by-products which can be remanufactured, providing the foundation needed across disciplines to tackle these global issues

**Public Information Messages** World Bank Publications  
Solid Waste Management is one of the essential obligatory functions of the Urban Local Bodies/Municipal Corporation. This service is falling too short of the desired level of efficiency and satisfaction resulting in problems of health, sanitation and environmental degradation. Due to lack of serious efforts by town/city authorities, garbage and its management has become a tenacious problem. Moreover, unsafe disposal of garbage and wastewater, coupled with poor hygiene, is creating opportunities for transmission of diseases. Solutions to problems of waste management are available. However, a general lack of awareness of the impact of unattended waste on people's health and lives, and the widespread perception that the solutions are not affordable have made communities and local authorities apathetic towards the problems. The aim of this Book is to bring together experiences reported from different geographical regions and local contexts. It consolidates the experiences of the experts from different geographical locations viz., Japan, Portugal, Columbia, Greece, India, Brazil, Chile, Australia and others.

*Waste Management* Simon and Schuster

\*SHORTLISTED for the 2021 Gourmand World Cookbook Award\*

\*SHORTLISTED for the 2022 Taste Canada Award for Single-Subject Cookbooks\* A sustainable lifestyle starts in the kitchen with these use-what-you-have, spend-less-money recipes and tips, from the friendly voice behind @ZeroWasteChef. In her decade of living with as little plastic, food waste, and stuff as possible, Anne-Marie Bonneau, who blogs under the moniker Zero-Waste Chef, has preached that "zero-waste" is above all an intention, not a hard-and-fast rule. Because, sure, one person eliminating all their waste is great, but thousands of people doing 20 percent better will have a much bigger impact. And you likely already have all the tools you need to begin. In her debut book, Bonneau gives readers the facts to motivate them to do better, the simple (and usually free) fixes to ease them into wasting less, and finally, the recipes and strategies to turn them into self-reliant, money-saving cooks and makers. Rescue a hunk of bread from being sent to the landfill by making Mexican Hot Chocolate Bread Pudding, or revive some sad greens to make a pesto. Save 10 dollars (and the plastic tub) at the supermarket with Yes Whey, You Can Make Ricotta Cheese, then use the cheese in a galette and the leftover whey to make sourdough tortillas. With 75 vegan and vegetarian recipes for cooking with scraps, creating fermented staples, and using up all your groceries before they go bad--including end-of-recipe notes on what to do with your ingredients next--Bonneau lays out an attainable vision for a zero-waste kitchen.

**Factor Four** Rutgers University Press

Solid waste management affects every person in the world. By 2050, the world is expected to increase waste generation by 70

percent, from 2.01 billion tonnes of waste in 2016 to 3.40 billion tonnes of waste annually. Individuals and governments make decisions about consumption and waste management that affect the daily health, productivity, and cleanliness of communities. Poorly managed waste is contaminating the world's oceans, clogging drains and causing flooding, transmitting diseases, increasing respiratory problems, harming animals that consume waste unknowingly, and affecting economic development. Unmanaged and improperly managed waste from decades of economic growth requires urgent action at all levels of society. What a Waste 2.0: A Global Snapshot of Solid Waste Management to 2050 aggregates extensive solid waste data at the national and urban levels. It estimates and projects waste generation to 2030 and 2050. Beyond the core data metrics from waste generation to disposal, the report provides information on waste management costs, revenues, and tariffs; special wastes; regulations; public communication; administrative and operational models; and the informal sector. Solid waste management accounts for approximately 20 percent of municipal budgets in low-income countries and 10 percent of municipal budgets in middle-income countries, on average. Waste management is often under the jurisdiction of local authorities facing competing priorities and limited resources and capacities in planning, contract management, and operational monitoring. These factors make sustainable waste management a complicated proposition; most low- and middle-income countries, and their respective cities, are struggling to address these challenges. Waste management data are critical to creating policy and planning for local contexts. Understanding how much

waste is generated—especially with rapid urbanization and population growth—as well as the types of waste generated helps local governments to select appropriate management methods and plan for future demand. It allows governments to design a system with a suitable number of vehicles, establish efficient routes, set targets for diversion of waste, track progress, and adapt as consumption patterns change. With accurate data, governments can realistically allocate resources, assess relevant technologies, and consider strategic partners for service provision, such as the private sector or nongovernmental organizations. What a Waste 2.0: A Global Snapshot of Solid Waste Management to 2050 provides the most up-to-date information available to empower citizens and governments around the world to effectively address the pressing global crisis of waste. Additional information is available at <http://www.worldbank.org/what-a-waste>.

#### Polymers in a Marine Environment Penguin

Plastic pollution is a serious and worldwide issue. Current approaches to the problem are scattered, and they can only have a short-term impact on plastics discharge into the environment. More than a hundred nations have urged for the UN Environment Program to develop a worldwide accord on plastics (UNEP). Combating plastic pollution needs adjustments in production, commerce, and consumption. Prioritizing political and regulatory initiatives requires a clear focus and set of measures from the international community. Target hazardous plastic trash first, then single-use plastics, and last poisonous, non-recyclable plastics. Some of the Basel Plastic Waste Amendments attempt to improve trade regulation. Also, national trade and manufacturing

rules are phasing out single-use plastic, especially in tiny island developing states (SIDS). Aside from initiatives to encourage reuse, reduction, and replacement, waste management should be prioritized, especially in developing nations with inadequate material recovery and recycling capacity. More nations are pressing for a new global accord on plastic pollution, hoping to get a new UN Environment Assembly mandate. A UN deal on plastic pollution might spur coordinated and larger national action, aided by global trade initiatives.

**Waste Prevention Policy and Behaviour** Routledge  
 Plastic Waste Management Comprehensive resource on innovative and breakthrough developments in plastic waste management, covering a wide range of processing techniques and applications Plastic Waste Management offers a complete guide to the best plastic waste management practices through recycling, incineration, landfill, and other processes, discusses applications of plastic waste management including energy generation, biochemical production, construction, and food packaging, covering current challenges relating to plastic waste, explaining the sources of waste and their routes into the environment, and providing systematic coverage of plastic waste treatment methods, including mechanical processing, monomerization, blast furnace feedstock, gasification, and thermal recycling. The book also discusses different biodegradation mechanisms of plastic wastes and ecotoxicity and ecological Implications of marine plastic debris. From a cultural perspective, the book provides information regarding environmental and health implications, societal issues, and current challenges associated with plastic waste management.

Written by leading experts in the field and edited by two highly qualified academics, Plastic Waste Management covers specific sample topics such as: A a roadmap towards a circular economy and environmental sustainability via effective management strategies for plastic wastes Implementation of an analytical hierarchy process for developing better waste collection systems, and chemical recycling of plastic waste for sustainable development Mechanisms, perspectives, and challenges for natural biodegradation of plastic wastes, and conversion of plastic wastes into value added materials Plastic wastes management and disposal in developing countries, and challenges and strategies for plastic waste management during and post COVID-19 pandemic Plastic Waste Management is a highly valuable resource for scientists and researchers working in the fields of environmental science, environmental engineering, and plastic engineering towards the goal of developing sustainable materials, along with graduate and postgraduate students in related programs of study, and professionals and engineers in related industries.

Plastic Waste Management Cambridge University Press  
 Polymers, plastics, and composite materials are widely used in the shipping industry and so get exposed to marine waters. Biofouling of these leads to problems for ships and boats in the form of reduced speed and corrosion, which these industries would like to prevent. Several hundred thousand tons of plastics that are discarded reach the marine environment every year either from land run-off or because of maritime activities. It has been estimated that because plastics do not degrade easily, one million marine animals are killed every year either by choking on



floating plastic items or by becoming entangled in plastic debris. For the shipping industry the polymer should not foul and should be stable for extended periods of time in the marine environment. For the environmentalist the waste dumped after its use should degrade fast without causing problems to flora and fauna as well to the coastal economies. Addressing one of these issues leads to enhancement of the other issue and so this is not an easy problem to solve. This book covers the interaction of polymers with the marine environment, the problems they cause to ecology, their biofouling and biodegradation, and possible solutions.

**American Plastic** Blue Rose Publishers

A practical guide for reducing waste in the home offers tools and tips for going "zero waste," discussing how to make cosmetics and cleaning supplies, pack lunches without plastic, and weed out unnecessary appliances. Shows how the author transformed her family's life for the better by reducing their waste to an astonishing 1 liter per year; part practical guide that gives readers tools & tips to diminish their footprint & simplify their lives. -- Publishers Description.

Plastic Pollution World Scientific

"(Meikle) traces the course of plastics from 19th-century celluloid and the first wholly synthetic bakelite, in 1907, through the proliferation of compounds (vinyls, acrylics, nylon, etc.) and recent ecological concerns".--PUBLISHERS WEEKLY. Winner of the 1996 Dexter Prize from the Society for the History of Technology and a 1996 CHOICE Outstanding Academic Book. 70 illustrations.

*Food Management* John Benjamins Publishing

This book highlights plastic pollution, especially microplastics,

and the consequences on the environment and on the human diet through food chain/web transmission and contamination through processing and packaging of various human food items including water and beverages. This book provides a detailed outlook on the microplastics, their origin, distribution, categories, presence in human food items and their impact on the ecosystem, organisms and so forth. It covers updated information on microplastic contamination in the biotic and abiotic products of the sea/ocean, the contamination of microplastics in drinking water/bottled water, honey, sugar and so forth. Features: Discusses the presence of microplastics in matrices prone to human consumption Includes general information on microplastics, their origin, types, shapes, size and nomenclature Reviews microplastics in different types of human consumable items Illustrates fundamental methods and techniques used in microplastics research Explores overall impacts of microplastics in the organisms contaminated with the same This book is aimed at researchers, graduate students and faculty members interested in plastic pollution, microplastics, environmental science, food consumption and analysis.

Global Waste Management Outlook Taylor & Francis

This book draws on insights that originated from the Circular Economy and Zero Waste initiatives. Together these approaches try to boost the shift from "waste" to "resources" management. The content of this book is partially organized from a stakeholder perspective, revealing the managerial implications for public and private actors. Next to public policies, also illustrations come from the private sector. Petstar, Texperium and Walmart generously shared some of their best practices at in this regard. Cases from

China, Indonesia, Mexico, the Netherlands and Romania are discussed in this book. In all of these different contexts they show ways to create collaborative schemes in order to “retain” the resources’ values as much as product quality and financial

circumstances permit. The reader can thus take advantage of the pragmatic viewpoints that aim to inspire policy makers, researchers, students, organisations and communities to boost the needed changes towards a Zero Waste Economy.

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