

Reducing Toxics

A NEW APPROACH
TO POLICY AND
INDUSTRIAL
DECISIONMAKING

Edited by
Robert Gottlieb

Pollution Prevention Education and Research Center

Reducing Toxics A New Approach To Policy And Industrial Decisionmaking

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Reducing Toxics A New Approach To Policy And Industrial Decisionmaking:

Reducing Toxics Robert Gottlieb, 2013-04-22 In *Reducing Toxics* leading experts address industry technology health and policy issues and explore the potential for pollution prevention at the industry and facility levels They consider both the regulatory and institutional settings of toxics reduction initiatives prescribe strategies for developing a prevention framework and apply these principles in analyzing industry case studies Among the topics considered are the evolution of and limits to current environmental policy incorporating prevention into production planning and decisionmaking do voluntary programs lead to industry greening or greenwashing case studies of the chemical aerosols radiator repair and electric vehicle industries opportunities for and barriers to pollution prevention *Reducing Toxics* offers an analytic framework for defining and understanding different approaches in the toxics area and describes the basis for a new policy and industrial decisionmaking construct

Reducing Toxics Susan Hearn, 2002 **Handbook of Environmentally Conscious Manufacturing** Christian N. Madu, 2022-08-19 Manufacturers under pressure from their major stakeholders integrate environmental issues in the design and management of their products These stakeholders include customers regulators employees communities and interest groups who have a common stake in protecting the earth from pollution and in limiting the exploitation of earth's limited natural resources Manufacturers recognize that being environmentally responsible also offers competitive advantage to the firm The *Handbook of Environmentally Conscious Manufacturing* is written as a state of the art reference to guide environmentally conscious manufacturing ECM All the contributors have done extensive research and or practice work in the field of ECM The Handbook covers all the major topics in Environmentally Conscious Manufacturing There are specific chapters to deal with sustainable manufacturing recycling eco labelling life cycle assessment and ISO 14000 series of standards as well as decision making aspects of Environmentally Conscious Manufacturing Decision oriented topics on supply chain decision models quality initiative environmental costing and decision support systems are also covered The influence of ECM on marketing imperative is also covered

Precautionary Politics Kerry H Whiteside, 2006-10-06 The precautionary principle which holds that action to address threats of serious or irreversible environmental harm should be taken even in the absence of scientific certainty has been accepted as a key feature of environmental law throughout the European Union In the United States however it is still widely unknown and much of what has been written on the topic takes a negative view *Precautionary Politics* provides a comprehensive analysis of the precautionary principle its origins and development its meaning and rationale its theoretical context and its policy implications Kerry Whiteside looks at the application of the principle and the controversies it has stirred and compares European and American attitudes toward it and toward environmental regulation in general Too often Whiteside argues American critics of the precautionary principle pay insufficient attention to how the principle has been debated refined and elaborated elsewhere *Precautionary Politics* fills this gap Whiteside demonstrates the different responses of Europe and the

United States first by describing the controversy over genetically modified crops and then by using this example throughout the book to illustrate application of the precautionary principle in different contexts He contrasts the European view that new types of risk require specially adapted modes of regulation with the American method of science based risk assessment and argues that despite Bush administration opposition U S European convergence on precaution is possible Finally he looks at the ways in which participatory innovation can help produce environmentally positive results Whiteside s systematic defense of the precautionary principle will be an important resource for students scholars activists and policymakers and is particularly suitable for classroom use

At the Point of Production Charles Levenstein, 2017-07-28 At the Point of Production a compilation of contributions to New Solutions Journal of Occupational and Environmental Health Policy locates workers health and safety problems in the broad political economy It argues that without a deep understanding of the social political economic context of particular industries or workplaces we cannot fully grasp the process of recognition and control of industrial hazards The contributors report on a series of case studies all of which used the point of production framework to investigate particular problems or industries The focus of the first section is on globalization the impact of privatization on the health and safety of workers and communities in Brazil and Mexico The next section addresses environmental issues the unintended effects of environmental regulation on workers the situation of hazardous waste workers and emergency responders the implementation of toxics use reduction and the role of workers in pollution prevention In the third section the contributors explore the intersection of labor relations with gender relations at the point of production A final chapter deals with some of the practical issues involved in conducting occupational health research in the contested terrain of the workplace

Reinventing Environmental Regulation Alfred A. Professor Marcus, Donald A. Professor Geffen, Ken Professor Sexton, 2010-09-30 Project XL eXcellence and Leadership was the flagship effort by the Clinton administration for cleaner cheaper and smarter regulation Under Project XL business promised better performance in exchange for a regulatory approach focused more on results than means with the Environmental Protection Agency EPA measuring pollution reduction across rather than at individual sources within a facility Reinventing Environmental Regulation is a compelling account of the breakdown in negotiations to implement Project XL at a tape manufacturing plant of 3M a company widely recognized as environmentally progressive Marcus Geffen and Sexton discuss the conflicting goals of participants the influences of personality and organizational culture and complications caused by changes in 3M s external business environment They compare the 3M case with EPA negotiations involving Intel Merck and Weyerhaeuser finding similarly contentious though less fatal disagreements about the meaning of superior environmental performance In common with other recent proposals Project XL emphasized cooperative flexible regulatory approaches Reinventing Environmental Regulation demonstrates the difficulty of putting these appealing ideas into practice while offering encouragement for continued innovations

The U. S. Paper Industry and Sustainable Production Maureen Smith, 1997-03-12 The problems recyclers face with wastepaper are

connected to the issues addressed by forest advocates as well as to the difficulties confronted by those involved with industrial pollution from the paper industry In this richly detailed study Maureen Smith shows how industrial and environmental analysis can be synthesized to clarify these complex problems and produce solutions Smith outlines the basic structural characteristics of the U S pulp and paper industry and its relationship to the larger forest products sector as well as its patterns of domestic and global fiber resource use She then reviews the core technologies employed in virgin pulp production with an emphasis on their environmental impacts the role of technological innovation and the relationships between fiber choices and pollution prevention Building on this base she reveals structural barriers within the industry that have impeded positive change and shows how these barriers are reinforced by the traditional isolation of environmental policy domains The study includes a comparative analysis of how organochlorine pollution from pulp mills has been addressed in the United States Europe and Canada and why the United States has seen the slowest rate of progress an assessment of commodity trade patterns in the industry and how they are linked to resource demand an examination of the momentum building around annual plant fiber use and the diverse interests it reflects and a review of recent developments in paper recycling within the context of historical trends in fiber utilization A case study of the controversial environmental review process of the largest recycled pulp and paper mill ever proposed ties together earlier elements of the book and forms the basis for the conclusions In closing Smith argues convincingly against narrowly focused attempts to fix the problems associated with the industry and offers practical guidance on new frameworks and approaches for industrial restructuring She highlights the need for regional perspectives that integrate environmental social and economic objectives Urban and Industrial Environment series **Forum for Applied Research and Public Policy** ,1996 Pesticide Drift and the Pursuit of Environmental Justice Jill Lindsey Harrison,2011-07-29 An examination of political conflicts over pesticide drift and the differing conceptions of justice held by industry regulators and activists The widespread but virtually invisible problem of pesticide drift the airborne movement of agricultural pesticides into residential areas has fueled grassroots activism from Maine to Hawaii Pesticide drift accidents have terrified and sickened many living in the country s most marginalized and vulnerable communities In this book Jill Lindsey Harrison considers political conflicts over pesticide drift in California using them to illuminate the broader problem and its potential solutions The fact that pesticide pollution and illnesses associated with it disproportionately affect the poor and the powerless raises questions of environmental justice and political injustice Despite California s impressive record of environmental protection massive pesticide regulatory apparatus and booming organic farming industry pesticide related accidents and illnesses continue unabated To unpack this conundrum Harrison examines the conceptions of justice that increasingly shape environmental politics and finds that California s agricultural industry regulators and pesticide drift activists hold different and conflicting notions of what justice looks like Drawing on her own extensive ethnographic research as well as in depth interviews with regulators activists scientists and public health

practitioners Harrison examines the ways industry regulatory agencies and different kinds of activists address pesticide drift connecting their efforts to communitarian and libertarian conceptions of justice The approach taken by pesticide drift activists she finds not only critiques theories of justice undergirding mainstream sustainable agriculture activism but also offers an entirely new notion of what justice means To solve seemingly intractable environmental problems such as pesticide drift Harrison argues we need a different kind of environmental justice She proposes the precautionary principle as a framework for effectively and justly addressing environmental inequities in the everyday work of environmental regulatory institutions *Chemicals and Development*, 2008 *Reclaiming the Environmental Debate* Richard Hofrichter, 2000

Reflecting a diversity of voices and critical perspectives the essays in this book range from critiques of traditional thinking and practices to strategies for shifting public consciousness to create healthy communities **Exporting**

Environmentalism Ronie Garcia-Johnson, 2000 Exporting Environmentalism is the first book to examine industry's transnational promotion of environmental ideas and practices **Materials Matter** Ken Geiser, 2001-05-25 The products we purchase and use are assembled from a wide range of naturally occurring and manufactured materials But too often we create hazards for the ecosystem and human health as we mine process distribute use and dispose of these materials Until recently most research has focused on the waste end of material cycles This book argues that the safest and least costly point at which to avoid environmental damage is when materials are first designed and selected for use in industrial production Materials Matter presents convincing evidence that we can use fewer materials and eliminate the use of many toxic chemicals by focusing directly on material chemical use when products are designed It also shows how manufacturers can save money by increasing the effectiveness of material use and reducing the use of toxic chemicals It advocates new directions for the material sciences and government policies on materials And it argues that manufacturers suppliers and customers need to set more socially responsible policies for products and services to achieve higher environmental and health goals *The Country in the City* Richard A. Walker, 2009-11-23 Winner of the Western History Association's 2009 Hal K Rothman Award Finalist in the Western Writers of America Spur Award for the Western Nonfiction Contemporary category 2008 The San Francisco Bay Area is one of the world's most beautiful cities Despite a population of 7 million people it is more greensward than asphalt jungle more open space than hardscape A vast quilt of countryside is tucked into the folds of the metropolis stitched from fields farms and woodlands mines creeks and wetlands In *The Country in the City* Richard Walker tells the story of how the jigsaw geography of this greenbelt has been set into place The Bay Area's civic landscape has been fought over acre by acre an arduous process requiring popular mobilization political will and hard work Its most cherished environments Mount Tamalpais Napa Valley San Francisco Bay Point Reyes Mount Diablo the Pacific coast have engendered some of the fiercest environmental battles in the country and have made the region a leader in green ideas and organizations This book tells how the Bay Area got its green grove from the stirrings of conservation in the time of John Muir to origins of

the recreational parks and coastal preserves in the early twentieth century from the fight to stop bay fill and control suburban growth after the Second World War to securing conservation easements and stopping toxic pollution in our times Here modern environmentalism first became a mass political movement in the 1960s with the sudden blooming of the Sierra Club and Save the Bay and it remains a global center of environmentalism to this day Green values have been a pillar of Bay Area life and politics for more than a century It is an environmentalism grounded in local places and personal concerns close to the heart of the city Yet this vision of what a city should be has always been informed by liberal even utopian ideas of nature planning government and democracy In the end green is one of the primary colors in the flag of the Left Coast where green enthusiasms like open space are built into the fabric of urban life Written in a lively and accessible style The Country in the City will be of interest to general readers and environmental activists At the same time it speaks to fundamental debates in environmental history urban planning and geography

Workers of the Earth Stefania Barca, 2024-06-20
Capitalism is destroying our planet but like most social progress in the last two centuries ecological justice can only be achieved through working class struggle In Workers of the Earth Stefania Barca uncovers the environmental history and political ecology of labour to shed new light on the potentiality of workers as ecological subjects Taking an ecofeminist approach this ground breaking book makes a unique contribution to the emerging field of environmental labour studies expanding the category of labour to include waged and unwaged industrial and meta industrial workers Going beyond conventional categories of production and reproduction as separate spheres of human experience Barca offers a fresh perspective on the place of labour in today s global climate struggle reminding us that the fight against climate change is a fight against capitalism

Netherlands Yearbook of International Law 2021 Daniëlla Dam-de Jong, Fabian Amtenbrink, 2023-04-27
This book engages with international legal responses to the global environmental crisis Humanity faces a triple planetary crisis consisting of the interlinked problems of climate change depletion of biological diversity and pollution The chapters in this volume of the Netherlands Yearbook of International Law address important questions of how and to what extent these environmental concerns have been integrated into international law who or what drives these developments and what all of this tells us about international law s ability to tackle the challenges that a deteriorating environment brings for the future of life on Earth The strength of the volume is that it brings together a wide range of perspectives on the greening phenomenon in international law It includes perspectives from international environmental law human rights law investment law financial law humanitarian law and criminal law Moreover it raises important questions regarding the validity of the predominant approach in international law to the protection of nature By providing such a wide range of perspectives on international legal responses or lack thereof to the environmental crisis the volume seeks to engage scholars and practitioners from a variety of disciplines It invites readers to compare the state of the art across disciplines and to reflect on ways to strengthen international law s responses to the environmental crisis Furthermore as has become

standard for the Netherlands Yearbook of International Law the second part consists of a section on Dutch practice in international law The Netherlands Yearbook of International Law was first published in 1970 It offers a forum for the publication of scholarly articles in a varying thematic area of public international law Chapter 3 is available open access under a Creative Commons Attribution 4.0 International License via link springer.com *One With Nineveh* Paul R. Ehrlich, Anne H. Ehrlich, 2013-04-10 Named a Notable Book for 2005 by the American Library Association *One with Nineveh* is a fresh synthesis of the major issues of our time now brought up to date with an afterword for the paperback edition Through lucid explanations telling anecdotes and incisive analysis the book spotlights the three elephants in our global living room rising consumption still growing world population and unchecked political and economic inequity that together are increasingly shaping today's politics and humankind's future *One with Nineveh* brilliantly puts today's political and environmental debates in a larger context and offers some bold proposals for improving our future prospect **THE Role of Science in Regulatory Reform, Serial No. 111-23, April 30, 2009, 111-1 Hearing, ***, 2009 Livable Cities? Peter B. Evans, 2002-02 The cities of the developing world are hubs of economic growth but they are increasingly ecologically unsustainable and unliveable This book explores the issues of livelihood and ecological sustainability in cities of the developing world **Public Health Reports**, 2002

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