

Toxic Sludge Is Good For You Book

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Toxic Sludge is Good for You

Lies, Damn Lies, and the Public Relations Industry *UNSW Press*

Reveals how public relations firms "spin" the news, including their role in controlling political debates and protecting corporations from public scrutiny

Toxic Sludge is Good for You! *Constable*

Toxic Sludge is Good for You explains exactly how the magic of modern PR transforms the favoured policies of the rich and the powerful into uncontroversial common sense. It is without doubt the most important book about the methods and objectives of corporate public relations ever published. Reading it will make life for the executives at Hill and Knowlton, Ketchum and Barston-Marsteller a little bit more difficult. And that can only be a good thing.

Toxic Sludge is Good for You

Lies, Damn Lies, and the Public Relations Industry

Reveals how public relations firms "spin" the news, including their role in controlling political debates and protecting corporations from public scrutiny

Toxic Sludge Is Good For You

The Public Relations Industry Unspun

Trust Us, We're Experts **PA**

How Industry Manipulates Science and Gambles with Your Future *Penguin*

The authors of Toxic Sludge Is Good for You! unmask the sneaky and widespread methods industry uses to influence opinion through bogus experts, doctored data, and manufactured facts. We count on the experts. We count on them to tell us who to vote for, what to eat, how to raise our children. We watch them on TV, listen to them on the radio, read their opinions in magazine and newspaper articles and letters to the editor. We trust them to tell us what to think, because there's too much information out there and not enough hours in a day to sort it all out. We should stop trusting them right this second. In their new book Trust Us, We're Experts!: How Industry Manipulates Science and Gambles with Your Future, Sheldon Rampton and John Stauber, authors of Toxic Sludge Is Good For You, offer a chilling exposé on the manufacturing of "independent experts." Public relations firms and corporations know well how to exploit your trust to get you to buy what they have to sell: Let you hear it from a neutral third party, like a professor or a pediatrician or a soccer mom or a watchdog group. The problem is, these third parties are usually anything but neutral. They have been handpicked, cultivated, and meticulously packaged in order to make you believe what they have to say—preferably in an "objective" format like a news show or a letter to the editor. And in some cases, they have been paid handsomely for their "opinions." For example: You think that nonprofit organizations just give away their stamps of approval on products? Bristol-Myers Squibb paid \$600,000 to the American Heart Association for the right to display AHA's name and logo in ads for its cholesterol-lowering drug Pravachol. SmithKline Beecham paid the American Cancer Society \$1 million for the right to use its logo in ads for Beecham's Nicoderm CQ and Nicorette anti-smoking ads. You think that a study out of a prestigious university is completely unbiased? In 1997, Georgetown University's Credit Research Center issued a study which concluded that many debtors are using bankruptcy as an excuse to wriggle out of their obligations to creditors. Former U.S. Treasury Secretary Lloyd Bentsen cited the study in a Washington Times column and advocated for changes in federal law to make it harder for consumers to file for bankruptcy relief. What Bentsen failed to mention was that the Credit Research Center is funded in its entirety by credit card companies, banks, retailers, and others in the credit industry; that the study itself was produced with a \$100,000 grant from VISA USA, Inc. and MasterCard International; and that Bentsen himself had been hired to work as a credit-industry lobbyist. You think that all grassroots organizations are truly grassroots? In 1993, a group called Mothers Opposing Pollution (MOP) appeared, calling itself "the largest women's environmental group in Australia, with thousands of supporters across the country." Their cause: A campaign against plastic milk bottles. It turned out that the group's spokesperson, Alana Maloney, was in truth a woman named Janet Rundle, the business partner of a man who did P.R. for the Association of Liquidpaperboard Carton Manufacturers—the makers of paper milk cartons. You think that if a scientist says so, it must be true? In the early 1990s, tobacco companies secretly paid thirteen scientists a total of \$156,000 to write a few letters to influential medical journals. One biostatistician received \$10,000 for writing a single, eight-paragraph letter that was published in the Journal of the American Medical Association. A cancer researcher received \$20,137 for writing four letters and an opinion piece to the Lancet, the Journal of the National Cancer Institute, and The Wall Street Journal. Rampton and Sta...

The Best War Ever

Lies, Damned Lies, and the Mess in Iraq *Penguin*

The war in Iraq may be remembered as the point at which the propaganda model perfected in the twentieth century stopped working: the world is too complex, information is too plentiful, and-as events in Iraq reveal- propaganda makes bad policy. The Best War Ever is about a war that was devised in fantasy and lost in delusion. It highlights the futility of lying to oneself and others in matters of life and death. And it offers lessons to the current generation so that, at least in our time, this never happens again. As the team of Rampton and Stauber show in their first new book since President Bush's reelection, the White House seems to have fooled no one as much as itself in the march toward a needless (from a security perspective) war in Iraq. As the authors argue, one of the most tragic consequences of the Bush administration's reliance on propaganda is its disdain for realistic planning in matters of war. Repeatedly, when faced with predictions of problems, U.S. policymakers dismissed the warnings of Iraq experts, choosing instead to promulgate its version of the war through conservative media outlets and PR campaigns. The result has been too few troops on the ground to maintain security; failure to anticipate the insurgency; and oblivious disregard, even contempt, for critics in either party who attempted to assess the human and economic costs of the war. Even now that withdrawal seems imminent, however, the administration and its allies continue their cover-ups: downplaying civilian deaths and military injuries; employing marketing buzzwords like "victory" repeatedly to shore up public opinion; and botched attempts, through third-party PR firms, at creating phony news. The Bush administration entered Iraq believing that its moral, technological, and military superiority would ensure victory abroad, and that its mastery of the politics would win support at home. Instead, it found a morass of problems that do not lend themselves to moralistic, technological, or propaganda-based solutions.

Weapons of Mass Deception

The Uses of Propaganda in Bush's War on Iraq *Penguin*

Weapons of Mass Deception reveals: How the Iraq war was sold to the American public through professional P.R. strategies. "The First Casualty": Lies that were told related to the Iraq war. Euphemisms and jargon related to the Iraq war, e.g. "shock and awe," "Operation Iraqi Freedom," "axis of evil," "coalition of the willing," etc. "War as Opportunity": How the war on terrorism and the

war on Iraq have been used as marketing hooks to sell products and policies that have nothing to do with fighting terrorism. "Brand America": The efforts of Charlotte Beers and other U.S. propaganda campaigns designed to win hearts overseas. "The Mass Media as Propaganda Vehicle": How news coverage followed Washington's lead and language. The book includes a glossary — "Propaganda: A User's Guide" — and resources to help Americans sort through the deceptions to see the strings behind Washington's campaign to sell the Iraq war to the public.

Exporting Environmentalism

U.S. Multinational Chemical Corporations in Brazil and Mexico *Mit Press*

Exporting Environmentalism is the first book to examine industry's transnational promotion of environmental ideas and practices.

Rock Bottom *Vanguard Press*

From New York Times bestselling author and internationally renowned environmental and consumer advocate Erin Brockovich comes Rock Bottom, a debut thriller and first in a series of novels that introduces one of the most fascinating and memorable characters in suspense fiction. Ten years ago, a pregnant seventeen-year-old, Angela Joy Palladino, fled her hometown, Scotia, West Virginia, as a pariah. Over time, AJ succeeded in establishing herself as an environmental activist, dubbed “The People’s Champion,” only to be forced to retreat from the spotlight in the wake of a crushing media disaster. When AJ is offered a job with a lawyer who is crusading against mountaintop removal mining, she is torn. As a single mother of a special needs nine-year-old boy, AJ can use any work she can get. But doing so will mean returning to the West Virginia hometown she left in disgrace so long ago. Upon arriving in Scotia, AJ learns of the sudden death of the lawyer who hired her. Soon after joining forces with his daughter, Elizabeth, threats begin to surface, bodies begin to pile up, and AJ discovers that her own secrets aren’t the only ones her mountain hometown has kept buried. Hitting rock bottom, AJ must face the betrayal of those once closest to her and confront the harrowing past she thought she had left behind. In Rock Bottom, Erin Brockovich combines passionate intensity, first-rate storytelling, and her real life experiences in a novel that will leave you breathless.

Removal of Toxic Pollutants through Microbiological and Tertiary Treatment

New Perspectives *Elsevier*

Removal of Toxic Pollutants through Microbiological and Tertiary Treatment: New Perspectives offers a current account of existing advanced oxidation strategies - including their limitations, challenges, and potential applications - in removing environmental pollutants through microbiological and tertiary treatment methods. The book introduces new trends and advances in environmental bioremediation technology, with thorough discussion of recent developments in the field. Updated information as well as future research directions in the field of bioremediation of industrial wastes is included. This book is an indispensable guide to students, researchers, scientists, and professionals working in fields such as microbiology, biotechnology, environmental sciences, eco-toxicology, and environmental remediation. The book also serves as a helpful guide for waste management professionals and those working on the biodegradation and bioremediation of industrial wastes and environmental pollutants for environmental sustainability. Introduces various treatment schemes, including microbiological and tertiary technologies for bioremediation of environmental pollutants and industrial wastes Includes pharmaceutical wastewater, oil refinery wastewater, distillery wastewater, tannery wastewater, textile wastewater, mine tailing wastes, plastic wastes, and more Describes the role of relatively new treatment technologies and their approaches in bioremediation, including molecular and protein engineering technologies, microbial enzymes, bio surfactants, plant-microbe interactions, and genetically engineered organisms Provides many advanced technologies in the field of bioremediation and phytoremediation, including electro-bioremediation technology, microbial fuel cell technology, nano-bioremediation technology, and phytotechnologies

Diet for a Poisoned Planet

How to Choose Safe Foods for You and Your Family

Here is a thoroughly researched guide to the foods that are safest and the ones that are most dangerous in each of the major food groups.

New Trends in Removal of Heavy Metals from Industrial Wastewater *Elsevier*

New Trends in Removal of Heavy Metals from Industrial Wastewater covers the applicable technologies relating to the removal of heavy metals from wastewater and new and emerging trends in the field, both at the laboratory and industrial scale. Sections explore new environmentally friendly technologies, the principles of sustainable development, the main factors contributing to heavy metal removal from wastewater, methods and procedures, materials (especially low-cost materials originated from industrial and agricultural waste), management of wastewater containing heavy metals and wastewater valorization, recycling, environmental impact, and wastewater policies for post heavy metal removal. This book is an advanced and updated vision of existing heavy metal removal technologies with their limitations and challenges and their potential application to remove heavy metals/environmental pollutants through advancements in bioremediation. Finally, sections also cover new trends and advances in environmental bioremediation with recent developments in this field by an application of chemical/biochemical and environmental biotechnology. Outlines the fate and occurrence of heavy metals in Wastewater Treatment Plants (WWTPs) and potential approaches for their removal Describes the techniques currently available for removing heavy metals from wastewater Discusses the emerging technologies in heavy metal removal Covers biological treatments to remove heavy metals Includes the valorization of heavy metal containing wastewater

Of Green Illusions *Trafford Publishing*

He stood on the ledge of the great Cauldarian range looking down at his hand in which he held a rock. The beauty of it was overpowering, it's green opaque luminescence made him feel falsely at ease. But he knew this was an object of beauty that no Cauldarian should possess. The stone represented the dark side of history. The ideological faith and power that emanated from it could also be used for good. But its efficacy was wielded as if it were a sword striking at every aspect of the populace's freedom. So far its thrust proved deadly in every instance. It had to be thrown over the ledge and into the night if his people were to survive. Michael had awakened from this same dream that he had many times before. It was as if it were only yesterday that his world had changed; it was different, but in many ways it was still the same...

Industrial and Municipal Sludge

Emerging Concerns and Scope for Resource Recovery *Butterworth-Heinemann*

Industrial and Municipal Sludge: Emerging Concerns and Scope for Resource Recovery begins with a characterization of the types of sludge and their sources and management strategies. This section is followed by specific chapters that cover Emerging contaminants in sludge (Endocrine disruptors, Pesticides and Pharmaceutical residues, including illicit drugs/controlled substances), Bioleaching of sludge [with an enriched sulfur-oxidizing bacterial community, Recovery of valuable metals (Bioleaching and use of sulfur-oxidizing bacterial community, and Biogas production by continuous thermal hydrolysis and thermophilic anaerobic digestion of waste activated sludge. In addition, the book includes numerous tables and flow diagrams to help users further comprehend the subject matter. Includes numerous tables and flow diagrams to assist in the comprehension of new and existing sludge treatments and resource recovery technology Covers biogas production by continuous thermal hydrolysis and thermophilic anaerobic digestion of waste activated sludge Presents information on the recovery of valuable metals from sludge (bioleaching and the use of a sulfur-oxidizing bacterial community) Includes opportunities and challenges in the biorefinery-based valorization of pulp and paper sludge

PR- A Persuasive Industry?

Spin, Public Relations and the Shaping of the Modern Media *Springer*

Public relations is a big and rapidly growing industry, with annual growth rates of 20-30%. It spans the worlds of business, politics and culture, sport and entertainment. PR is everywhere. And yet, though it is much talked about it is little analyzed.

Friendswood

A Novel *Penguin*

“Steinke's sense of this small Texas town, with its explosive and interconnected lives and deaths, is absolutely masterful.”—Elizabeth Gilbert A big, moving novel of one tight-knit Texas community and the events that alter its residents’ lives forever. Friendswood, Texas, is a small Gulf Coast town of church suppers, oil rigs on the horizon, hurricane weather, and high school football games. When tragedy rears its head with an industrial leak that kills and sickens residents, it pulls on the common thread that runs through the community, intensifying everything. From a confused fifteen-year-old girl beset by visions, to a high school football star tormented by his actions, to a mother galvanized by the death of her teen daughter, to a morally bankrupt father trying to survive his mistakes, René Steinke explores what happens when families are trapped in the ambiguity of history’s missteps—when the actions of a few change the lives and well-being of many. Driving the narrative powerfully forward is the suspenseful question of the fates of four Friendswood families, and Steinke’s striking insight and empathy. Inspired in part by the town where she herself grew up, this layered, propulsive, psychologically complex story is poignant proof that extreme public events, as catastrophic as they might seem, must almost always pale in comparison to the intimate personal experiences and motivations of grief, love, lust, ambition, anxiety, and regret.

Toxic Overload

A Doctor's Plan for Combating the Illnesses Caused by Chemicals in Our Foods, Our Homes, and Our Medicine Cabinets *Penguin*

An environmental health specialist reveals how exposure to everyday products can result in toxic buildups in the body, outlining a seven-day program that encompasses a body-cleaning diet and supplement regimen, home detoxification tips, and recommendations for chemical-free products. By the author of The Body Restoration Plan.

Superman's Not Coming

Our National Water Crisis and What We the People Can Do About It *Vintage*

From the environmental activist, consumer advocate, and renowned crusader—a stirring call to action that gives us the tools we need to take action ourselves, to make our voices heard, to ensure our water is safe, and to finally bring about change. Clean water is as basic to life on planet Earth as hydrogen or oxygen. In her long-awaited book—her first to reckon with the condition of water on our planet—Erin Brockovich shows us what’s at stake. She writes powerfully of the fraudulent science disguising our national water crisis: Cancer clusters are not being reported. People in Detroit and the state of New Jersey don’t have clean water. The drinking water for more than six million Americans contains unsafe levels of industrial chemicals linked to cancer and other health issues. The saga of PG&E continues to this day. Yet communities and people around the country are fighting to make an impact, and Brockovich tells us their stories. In Poughkeepsie, New York, a water operator responded to his customers’ concerns and changed his system to create some of the safest water in the country. Local moms in Hannibal, Missouri, became the first citizens in the nation to file an ordinance prohibiting the use of ammonia in their public drinking water. Like them, we can each protect our right to clean water by fighting for better enforcement of laws, new legislation, and stronger regulations.

On the Ground

The Spreading of Toxic Sludge in Vermont

Biotreatment of Industrial Effluents *Elsevier*

With increasing government regulation of pollution, as well as willingness to levy punitive fines for transgressions, treatment of industrial waste is a important subject. This book is a single source of information on treatment procedures using biochemical means for all types of solid, liquid and gaseous contaminants generated by various chemical and allied industries. This book is intended for practicing environmental engineers and technologists from any industry as well as researchers and professors. The topics covered include the treatment of gaseous, liquid and solid waste from a large number of chemical and allied industries that include dye stuff, chemical, alcohol, food processing, pesticide, pharmaceuticals, paint etc. Information on aerobic and anaerobic reactors and modeling and simulation of waste treatment systems are also discussed. * Compares chemical and biochemical means of industrial waste treatment * Provides details of technology (i.e. reactors, operating conditions etc) with regard to the biochemistry aspects. * Can be used as a teaching aid for graduate courses and a reference material by practicing environmental scientists and engineers. * Researchers can extract synergy between treatment procedures and various effluents.

Sense and Nonsense About Crime, Drugs, and Communities *Cengage Learning*

Samuel Walker's SENSE AND NONSENSE ABOUT CRIME, DRUGS, AND COMMUNITIES was one of the first books to challenge common misconceptions about crime, and the new Eighth Edition remains

uniquely effective at doing so. Described as a masterful critique of American policies on everything from crime control, to guns, to drugs, this incisive text cuts through popular myths and political rhetoric to confront both conservative and liberal propositions in the context of current research and proven practice. The result is a lucid, research-based work that stimulates critical thinking and enlivens class discussions. This engaging text captures the full complexity of the administration of justice while providing students with a clear sense of its key principles and general patterns. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Faecal Sludge Management

Systems Approach for Implementation and Operation *IWA Publishing*

It is estimated that literally billions of residents in urban and peri-urban areas of Africa, Asia, and Latin America are served by onsite sanitation systems (e.g. various types of latrines and septic tanks). Until recently, the management of faecal sludge from these onsite systems has been grossly neglected, partially as a result of them being considered temporary solutions until sewer-based systems could be implemented. However, the perception of onsite or decentralized sanitation technologies for urban areas is gradually changing, and is increasingly being considered as long-term, sustainable options in urban areas, especially in low- and middle-income countries that lack sewer infrastructures. This is the first book dedicated to faecal sludge management. It compiles the current state of knowledge of the rapidly evolving field of faecal sludge management, and presents an integrated approach that includes technology, management, and planning based on Sandecs 20 years of experience in the field. Faecal Sludge Management: Systems Approach for Implementation and Operation addresses the organization of the entire faecal sludge management service chain, from the collection and transport of sludge, and the current state of knowledge of treatment options, to the final end use or disposal of treated sludge. The book also presents important factors to consider when evaluating and upscaling new treatment technology options. The book is designed for undergraduate and graduate students, and engineers and practitioners in the field who have some basic knowledge of environmental and/or wastewater engineering.

No Safe Place

Toxic Waste, Leukemia, and Community Action *Univ of California Press*

"An excellent and readable account of the toxic waste crisis in Woburn, Massachusetts, and the courageous efforts by local citizens to protect their community. The Woburn story is an inspiring lesson for citizens across the country struggling to protect the environment from polluters and unresponsive government officials."—Senator Edward Kennedy

Toxic Metals in Soil-Plant Systems *John Wiley & Sons Incorporated*

While not all metals in Soil--plant systems are inherently toxic, particularly in low concentrations, there is an increasing incidence of metal pollution from aerial fallout, spoils, wastes and agricultural amendments including sewage sludge. Toxic Metals in Soil--Plant Systems discusses the processes of trace-metal cycling in contaminated ecosystems under conditions where their concentrations become toxic through high loading rates, long-term exposure or altered environmental conditions. Other environmental and pedological concentration mechanisms are discussed, including cation exchange and anion adsorption onto different soil materials. The book is divided into two sections; the first part discusses the sources and fates of metals in ecosystems, with an up-to-date review of the processes which control metal speciation in soils, metal uptake mechanisms, and plant responses to toxic metal concentrations in soils. A clear understanding of these processes and their interactions in soil is necessary before it is possible to instigate amelioration and restoration programmes for metal-contaminated land. In the second part of the book, a selection of case studies are presented which discuss metal toxicities and metal cycling in a range of different ecosystems, including managed agricultural systems, deciduous woodland, upland heather moorland, and tropical wetlands. In these studies a number of current issues are addressed, including the setting of toxicity thresholds for safe sewage sludge application to agricultural land, the accumulation of soil metals over time in aerially impacted systems, and metal transfers between ecosystem compartments, which are of particular concern in food crops. Providing an integrated view of toxic metals both in the soil and associated growing plants, this book covers a wide range of topics including agriculture, soil science, ecology and forestry and will be of use to researchers and environmental consultants working in these fields.

Sustainable Sludge Management

Production of Value Added Products *Amer Society of Civil Engineers*

Stricter regulations in many countries are increasing interest in sludge management processes which promote sustainability. Engineers and scientists are looking for viable options for resource management through the creation of value added-products from wastewater sludge. The ASCE's Technical Committee on Hazardous, Toxic, and Radioactive Waste Management identified the need to collect and present the latest information on recent trends in the bioconversion of sludge to value-added products like biopesticides, biosurfactants, enzymes, bioplastics, and biofertilizers/biofloculants. The committee envisioned an easy-to-read book to serve as a reference for practicing professionals and as a textbook in undergraduate or graduate courses. Sustainable Sludge Management: Production of Value-Added Products offers an examination of wastewater sludge characteristics; a road to sustainability by converting sludge into value-added products; and detailed information on the various types of value-added products being created from sludge. This book will be valuable to undergraduate and graduate students in environmental engineering, educators, researchers, practicing engineers and scientists.

Use of Reclaimed Water and Sludge in Food Crop Production *National Academies Press*

This book reviews the practice of reclaiming treated municipal wastewater for agricultural irrigation and using sewage sludge as a soil amendment and fertilizer in the United States. It describes and evaluates treatment technologies and practices; effects on soils, crop production, and ground water; public health concerns from pathogens and toxic chemicals; existing regulations and guidelines; and some of the economic, liability, and institutional issues. The recommendations and findings are aimed at authorities at the federal, state, and local levels, public utilities, and the food processing industry.

Mill Town

Reckoning with What Remains *St. Martin's Press*

Winner of the 2021 Rachel Carson Environmental Book Award Winner of the 2021 Maine Literary Award for Nonfiction Finalist for the 2020 National Book Critics John Leonard Prize for Best First Book

Finalist for the 2021 New England Society Book Award Finalist for the 2021 New England Independent Booksellers Association Award A New York Times Editors’ Choice and Chicago Tribune top book for 2020 “Mill Town is the book of a lifetime; a deep-drilling, quick-moving, heartbreaking story. Scathing and tender, it lifts often into poetry, but comes down hard when it must. Through it all runs the river: sluggish, ancient, dangerous, freighted with America’s sins.” —Robert Macfarlane, author of Underland Kerri Arsenault grew up in the small, rural town of Mexico, Maine, where for over 100 years the community orbited around a paper mill that provided jobs for nearly everyone in town, including three generations of her family. Kerri had a happy childhood, but years after she moved away, she realized the price she paid for that childhood. The price everyone paid. The mill, while providing the social and economic cohesion for the community, also contributed to its demise. Mill Town is a book of narrative nonfiction, investigative memoir, and cultural criticism that illuminates the rise and collapse of the working-class, the hazards of loving and leaving home, and the ambiguous nature of toxics and disease with the central question; Who or what are we willing to sacrifice for our own survival?

Toxic Sludge in Our Communities

Threatening Public Health and Our Farmlands

Discovering Public Relations

An Introduction to Creative and Strategic Practices *SAGE Publications*
Discovering Public Relations introduces students to the field of PR in a practical, applied, and hands-on way that prepares them for the modern workplace. Author Karen Freberg guides students through the evolution of contemporary PR practices with an emphasis on social media, digital communication, creativity, and diversity. Understanding that innovation alone can’t create success, Freberg shows students how to use, choose, and implement evidence-based practices to guide their strategic campaigns. The text will transform today’s students into tomorrow’s successful PR professionals by giving them the tools to think creatively, innovate effectively, and deploy research-backed tactics for successful campaigns.

Chattanooga Sludge *Gulliver Books*
John Todd attempts to clean the toxic waters of Chattanooga Creek with a Living Machine.

A Plain English Guide to the EPA Part 503 Biosolids Rule

Emerging and Eco-Friendly Approaches for Waste Management *Springer*
Rapid industrialization is a serious concern in the context of a healthy environment. With the growth in the number of industries, the waste generated is also growing exponentially. The various chemical processes operating in the manufacturing industry generate a large number of by-products, which are largely harmful and toxic pollutants and are generally discharged into the natural water bodies. Once the pollutants enter the environment, they are taken up by different life forms, and because of bio-magnification, they affect the entire food chain and have severe adverse effects on all life forms, including on human health. Although, various physico-chemical and biological approaches are available for the removal of toxic pollutants, unfortunately these are often ineffective and traditional clean up practices are inefficient. Biological approaches utilizing microorganisms (bacterial/fungi/algae), green plants or their enzymes to degrade or detoxify environmental pollutants such as endocrine disruptors, toxic metals, pesticides, dyes, petroleum hydrocarbons and phenolic compounds, offer eco- friendly approaches. Such eco-friendly approaches are often more effective than traditional practices, and are safe for both industry workers as well as environment. This book provides a comprehensive overview of various toxic environmental pollutants from a variety natural and anthropogenic sources, their toxicological effects on the environment, humans, animals and plants as well as their biodegradation and bioremediation using emerging and eco-friendly approaches (e.g. Anammox technology, advanced oxidation processes, membrane bioreactors, membrane processes, GMOs), microbial degradation (e.g. bacteria, fungi, algae), phytoremediation, biotechnology and nanobiotechnology. Offering fundamental and advanced information on environmental problems, challenges and bioremediation approaches used for the remediation of contaminated sites, it is a valuable resource for students, scientists and researchers engaged in microbiology, biotechnology and environmental sciences.

Response to the Toxics Action Center Report "toxic Sludge in Our Communities"

Proceedings of the 45th Industrial Waste Conference May 1990, Purdue University *CRC Press*
New and timely research, methods, and processes are described in 92 technical papers. This new

volume in the Purdue series presents a compendium of valuable information that can be directly applied to today's big problems of environmental control, treatment, regulation, and compliance.

Planetary Improvement

Cleantech Entrepreneurship and the Contradictions of Green Capitalism *MIT Press*
An examination of clean technology entrepreneurship finds that “green capitalism” is more capitalist than green. Entrepreneurs and investors in the green economy have encouraged a vision of addressing climate change with new technologies. In Planetary Improvement, Jesse Goldstein examines the cleantech entrepreneurial community in order to understand the limitations of environmental transformation within a capitalist system. Reporting on a series of investment pitches by cleantech entrepreneurs in New York City, Goldstein describes investor-friendly visions of incremental improvements to the industrial status quo that are hardly transformational. He explores a new “green spirit of capitalism,” a discourse of planetary improvement, that aims to “save the planet” by looking for “non-disruptive disruptions,” technologies that deliver “solutions” without changing much of what causes the underlying problems in the first place. Goldstein charts the rise of business environmentalism over the last half of the twentieth century and examines cleantech's unspoken assumptions of continuing cheap and abundant energy. Recounting the sometimes conflicting motivations of cleantech entrepreneurs and investors, he argues that the cleantech innovation ecosystem and its Schumpeterian dynamic of creative destruction are built around attempts to control creativity by demanding that transformational aspirations give way to short-term financial concerns. As a result, capitalist imperatives capture and stifle visions of sociotechnical possibility and transformation. Finally, he calls for a green spirit that goes beyond capitalism, in which sociotechnical experimentation is able to break free from the narrow bonds and relative privilege of cleantech entrepreneurs and the investors that control their fate.

Heavy Metals In Water Presence, Removal and Safety *Royal Society of Chemistry*

This book highlights the latest research on dissolved heavy metals in drinking water and their removal.

Banana Republicans

How the Right Wing is Turning America Into a One-party State *Constable*
The Republicans control the Supreme Court, the Senate, Congress and the White House. They dominate the mass media. They will use any and all means necessary to win in the upcoming election. Sheldon Rampton and John Stauber are two of the most important analysts of the propaganda used by the rich and the powerful to control the citizens of the most powerful democracy on earth. Here they show how the techniques developed by Bush's team in Texas, in the 2000 and 2002 elections, and in the run-up to the invasion of Iraq will be deployed over the next six months to secure a second term for their boss. The presidential campaign of 2004 is the latest instalment of a psychological warfare operation against the American people that is unprecedented in both scale and sophistication. Success could spell disaster for America and the world. George W. Bush has presided over the greatest security disaster in US history, vandalised the US economy, flouted international law and savaged the Constitution. Now he wants four more years to finish the job. Here's how he plans to do it.

Oxfam Paw Prints
Describes how Oxfam started and how it fights poverty around the world, improving living conditions for poor people, providing disaster relief, and campaigning for human rights.

The Best War Ever

Lies, Damned Lies, and the Mess in Iraq *Tarcher*
The best-selling authors of Weapons of Mass Deception and Toxic Sludge Is Good for You! reveal how right-wing propaganda led to a needless and tragic war in Iraq, arguing that policymakers failed to heed expert warnings at the expense of countless lives and considerable resources. Original.

The Sludge
Deep in Montana's Lolo National Forest, toxic waste is leaking from aged oil drums and mixing with a new batch of biological sludge that has been dumped into a remote lake. It sickens, it mutates, and like cancer, it spreads and devours. A group of hikers stumble upon bank robbers who've been hiding out in the forest. Held at gunpoint, they soon discover they are being hunted by a vicious predator, and it will take their combined efforts to make it out of the forest alive.