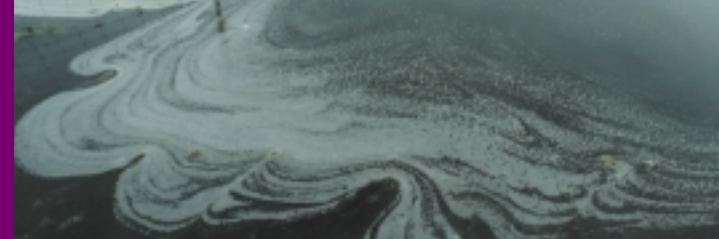


*A comprehensive, authoritative study of the sources, key figures, and issues surrounding pollution*

# Pollution A – Z



## The spread of pollution

With the increasing modernization of society, people around the world are learning first-hand that one of their greatest challenges is a problem that affects the total natural environment: pollution. It is the result of industrialization — something meant to enrich and fortify cities, but which hinders them in some surprising ways. Pollution is not just a concern for those who monitor the air, water, land and structures. Its wide-ranging effects have made it an increasing political, social and economical problem for society at large.

As technology expands, scientists find new sources of pollution and new ways to dispose of waste as well as research-based theories that can aide the people, places and objects affected by waste and pollution. Cleanup often comes with grand costs. Preventing pollution provides great economic benefits, as it avoids the need for investments in waste management and cleanup. Yet, society must find the time, effort and ingenuity to prevent what many see as an inevitable by-product of modernization. Increasingly polluted natural resources have brought many difficult legal, social and ethical questions to the forefront of the world's political and justice systems as well as people's minds.

## A world view of waste

Macmillan Reference USA has gathered an international roster of specialists from the Environmental Protection Agency and related organizations to present a comprehensive, global view of pollution and waste management. *Pollution A–Z* has been developed for the nonspecialist. As such, it is appropriate for high school use as well as for use in academic and public libraries. The contents of *Pollution A–Z* are user-friendly, set in 4-color printing with page formatting that allows for glossary terms and other explanatory information next to the articles.

Two volumes present 269 articles of a political, cultural, historical and biographical nature. Also included are entries that provide solid scientific, commercial, geographical and career information.

## Features:

- 2-vol. 4-color set developed with the assistance of EPA-related personnel
- 267 articles, ranging from 100 to 3,500 words
- Articles include topic overviews, career descriptions and biographical sketches
- 150 illustrations, timelines and sidebars
- Friendly, easy to read pages provide glossary definitions and other information in the margins
- Appendices contain glossary, index, list of organizations and URLs

## Pollution is a far-reaching concern

Pollution is not simply an environmental issue. It has ethical, social and legal entanglements that fill a fascinating historical background and provide an eye toward future concerns. *Pollution A–Z* covers the latest information on the sources of pollution; disposal and remediation of waste; impacts on the ethical, social and legal environments; careers in the field; and biographies of individuals who have made significant contributions to the study of pollution.

## Coverage for a range of users

- **High school students** in the sciences, current issues and history
- **College students** in history, international studies, business, policy studies/political science and the sciences
- **Public library patrons** seeking detailed background information on current events as well as those involved in the environment, law, politics and related fields

With *Pollution A-Z*, users will be able to:

- Explore acid rain's sources, environmental effects and global impact
- Trace significant activism against pollution, specifically by studying efforts by students, people of color and women
- Learn the environmental impacts of war activities on contamination of the environment, through preparation for and the actual waging of war
- Describe the various levels of wastewater treatment and handling of wastewater in various countries
- Explain how the Nuclear Regulatory Commission functions in the U.S. and what its responsibilities are
- Appreciate the benefits of renewable and non-renewable fuels
- Survey the current state of recycling — its costs, technology behind the technique, and how municipal recycling programs in the U.S. stack up against those in other countries
- Link radon's human health effects to its chemical and physical properties
- Trace the origins and evolution of public interest research groups and learn how they influence environmental public policy concerning pollution
- Understand mining methods, the pollution they cause, and resulting human and environmental health effects
- Compare the amount of waste incinerated in the U.S. to that of other countries
- Research how pollution of groundwater — often used as drinking water — can be reduced
- And much more!



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## Thematically arranged sampling; articles are A-Z

Biographies	Organizations	Other Issues
Brundtland, Gro	Green Party	Acid Rain
Carson, Rachel	Greenpeace	Air Pollution
Carver, George Washington	National Oceanic and Atmospheric Administration (NOAA)	Asbestos
Chavez, Cesar E.	National Park Service	Asthma
Colborn, Theo	National Toxics Campaign	Bioaccumulation
Cousteau, Jacques	New Left	Cancer Alley, Louisiana
Ehrlich, Paul	Nuclear Regulatory Commission (NRC)	Carbon Monoxide
Gibbs, Lois	Occupational Safety and Health Administration (OSHA)	Careers In Environmental Protection
Hamilton, Alice	President's Council on Environmental Quality	CFCs (Chlorofluorocarbons)
Hayes, Denis	Public Interest Research Groups (PIRGs)	Citizen Suits
Ishimuri, Michiko	Union of Concerned Scientists	Diesel
LaDuke, Winona	U.S. Army Corps of Engineers	Dioxin
Malthus, Thomas Robert	U.S. Coast Guard	Disasters: Oil spills
Nader, Ralph	U.S. Environmental Protection Agency	Dredging
Snow, John	U.S. Geological Survey	Energy Efficiency
Political Aspects	International Environment Canada	Energy, Alternative
Air Pollution Control Act	Laws and Regulations, International	Environmental Racism
Bottle Deposit Laws	Mexican Secretariat for Natural Resources (La Secretaría del Medio Ambiente y Recursos Naturales)	Green Chemistry
Clean Air Act	Montréal Protocol	Greenhouse Gases
Clean Water Act	NAFTA (North American Free Trade Agreement)	Hazardous Waste
Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)	Waste, International Trade in	Household Pollutants
Federal Insecticide, Fungicide, and Rodenticide Act	World Trade Organization	Incineration
National Environmental Policy Act (NEPA)		Labor, Farm Lead
Noise Control Act of 1972		Legislative Process
Ocean Dumping Ban Act		Mold Pollution
President's Council on Environmental Quality		Phosphates
Resource Conservation and Recovery Act		Radioactive Fallout
		Radon
		Space Pollution
		Sprawl
		Technology, Pollution Prevention
		Tobacco Smoke
		Vehicular Pollution
		Water Pollution
		Yucca Mountain
		Zero Population Growth

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