

## Environmental Problems

### ACID ASSAULT: ACID RAIN AND THE ENVIRONMENT

20 min; color; j,h,c

1/2" VHS **NC2438,VH**

Examines the causes and effects of acid rain, specifically the impact that acid rain has on plant life and the inhabitants of bodies of water. Shows forests and lakes dying from the effects of sulfur dioxide and nitrogen oxide emitted by factories. Shows how pollution can be reduced by using clean-air technology in factories. (FFHS;c1991)  
Environmental protection; Pollution

### ACID RAIN

30 min; color; h,c,a

1/2" VHS **NC2040,VH**

Perspective Series - Offers two alternative perspectives, voiced by separate narrators, on management of atmospheric pollution caused by fossil fuel burning. Urges, on one hand, that acid rain must be stopped before it is too late, documenting the process of destruction through use of location footage and stressing that pollution is everybody's problem. Challenges, on the other hand, that many studies on the causes, effects, and control of acid rain are now being done and, although technology to reduce or neutralize pollution is available, more studies are needed to determine how much, when, and who pays for reduction of toxic atmospheric emissions. Investigates several research sites. (THORPEB;LAEM;c1989)  
Pollution

### ACID RAIN, NEW BAD NEWS

57 min; color; h,c,a

1/2" VHS **CC3904,VH**

Nova Series - Explores the causes and effects of acid rain, one of the most devastating threats to the global environment. Shows the devastation caused by acid rain through scenes of the Black Forest, fishless and frogless lakes in the Adirondacks, and dissolving stone figures on the facade of Cologne Cathedral. (WGBHTV;AMBROSV;c1984)

Pollution; Rain and rainfall

### AFRICAN RECOVERY

26 min; color; h,c,a

1/2" VHS **GC1638,VH**

Shows the recovery efforts of communities in Niger to reclaim drought-ravaged land. Demonstrates how overgrazing, forest destruction, overpopulation, and drought caused the crisis, and points out that emergency aid is only a temporary solution. Uses interviews with government officials, resettled nomadic tribes, and farmers to demonstrate the local development projects underway to solve the problem. Narrated by Lou Rawls. (NICHOLS;ICAR;c1988)

Conservation of natural resources; Economic development; Niger

### AFTER THE WARMING EPISODE ONE

58 min; color; j,h,c,a

1/2" VHS **NC2226,VH**

The first of two programs presented by James Burke, traces weather patterns and human intervention in the atmosphere that result in the greenhouse effect. Uses a time-line approach to chronicle the major developments on Earth brought on by extreme changes in weather. Uses computer graphics to create scenarios of how life was in the past and what it may look like in the year 2050. Begins during the Ice Age with an illustration of what happened when the planet warmed, creating the modern world. Moves on to the Industrial Revolution in the 18th century when humans started to affect the weather by burning coal and using mass production processes. Explains the carbon cycle and looks at measurements of carbon dioxide levels in the air. (SATTIRI;AMBROSV;c1990)

Pollution; Weather

### AFTER THE WARMING EPISODE TWO

55 min; color; j,h,c,a

1/2" VHS **NC2227,VH**

The second of two videos presented by James Burke, chronicles the development of the greenhouse effect on Earth. Looks back from the year 2050 using a virtual reality model to trace the scare which led to a new way of managing the planet. Identifies four dangerous gases being produced and released into the atmosphere: carbon dioxide, methane, nitrous oxides, and CFC's. Lists deforestation, high gas levels in the air, and the consumption of natural energy sources as conditions which facilitated the deterioration of the environment. Presents forecasts each decade and poses scenarios such as devastating droughts, floods, and widespread death to illustrate the ramifications. Creates a Planetary Management Authority, an international agency to deal with the greenhouse effect and worldwide energy problems. (SATTIRI;AMBROSV;c1990)

Atmosphere; Environmental protection; Future studies; Pollution; Weather

### AIR POLLUTION: OUTDOOR

26 min; color; h,c,a

1/2" VHS **NC1991,VH**

Explains how fuels burn and examines various methods of reducing hazardous by-products of combustion. Emphasizes state-of-the-art technologies aimed at controlling emission of power plants and the progress in implementing those technologies. Discusses the possibility of cold water nuclear reactors for future energy needs and describes various efforts to control emission from cars. (HUYGHEP;FFHS;c1988)

Pollution

### ALIENS FROM PLANET EARTH THE PROBLEM OF INVASIVE SPECIES

25 min; color; h,c

1/2" VHS **NC2437,VH**

Discusses various instances where the introduction of foreign plant and animal species has caused environmental instability. Includes rats in tropical areas, hedgehogs decimating bird species in Scotland, leafy spurge taking over cattle ranches in the northwestern U.S., and the Asian long-haired beetle in New York's forests. Observes programs that combat, offset, or even roll back those changes. (FFHS;c2000)

Adaptation (Biology); Environmental protection; Wildlife conservation

### ALTERNATIVE AGRICULTURE: FOOD FOR LIFE

46 min; color; h,c,a

1/2" VHS **CC6602,VH**

Examines the environmental, health, and economic issues related to large-scale agribusiness. Suggests alternative methods of agriculture that are more sustainable and pollute less. Includes onsite footage from both large-scale industrial farms and family-run ranches and organic farms. Interviews farm owners and ranchers, and includes comments by researchers and academics. Points out that more consumers are demanding food produced without the use of chemicals, esticides, hormones, or antibiotics. (CBC;FFHS;c2004)

Agriculture—Economic aspects; Environmental protection; Farm produce; Food supply

## Environmental Problems

### THE AMAZON: A VANISHING RAINFOREST

29 min; color; h,c,a  
1/2" VHS **NC2139,VH**

Focuses on the research being done by INPA, an international group of scientists working in the Amazon River basin and rain forest. Shows some of the varieties of plants and animals that may be found only here. Also shows the burning of the forest in order to provide grazing land, which leaves the land unusable after two years, due to soil erosion and loss of nutrients. Considers briefly the economic need which drives the demand for grazing land. (VIEWPOP;CINEGU;c1987)

Agriculture—Economic aspects; Brazil; Environmental protection; Forests and forestry; CLACS

### AMAZONIA: THE ROAD TO THE END OF THE FOREST

96 min; color; j,h,c,a  
1/2" VHS **NC2038,VH**

Examines the destruction of the Amazon rain forest in Brazil as a result of government resettlement plans and investments from the World Bank. Shows the ecological destruction, the political and economic influences that foster unrestricted development, and the decimation of indigenous peoples and wildlife. Portrays the resistance to the destruction by native people such as the Kaipo Indians and the rubber tappers, led by Chico Mendes, who co-exist in balance with the environment. Shows emerging global concern juxtaposed with the rapid destruction of the rain forest. (CBCPRO;FILMK;c1990)

Brazil; Conservation of natural resources; Forests and forestry; CLACS

### AMERICA BY DESIGN SERIES

Explores how American design has affected political, social, economic, and technological institutions. Traces commonplace elements in architecture and design that demonstrate imagination and ingenuity. Hosted by Spiro Kostof, professor of architectural history at the University of California at Berkeley.

### AMERICA BY DESIGN: THE SHAPE OF THE LAND

60 min; color; h,c  
1/2" VHS **RC1268,VH**

Examines the pace of American efforts at dominion over nature, focusing on the engineering feats of railroad engineers and waterway and hydroelectric designers, as well as on the preservation of wilderness areas in the national park system. (GUGHM;PBSV;c1987)

Architecture; Conservation of natural resources; Regional planning

### AMERICAN JUSTICE: A CIVIL ACTION

50 min; color; c,a  
1/2" VHS **CC5689,VH**

Investigates a controversial case of ground water contamination. Families that lost children due to illness from wells that were contaminated by toxic solvents joined together to sue two Fortune 500 Companies. Attorneys from both sides, bereaved parents, and Judge Walter Skinner speak about the case. (KURTPRL;TOWERPR;A&EHOVI;c1998)

Law; Pollution

### AMERICA'S RAINFOREST

32 min; color; h,c  
1/2" VHS **NC2359,VH**

Discusses the reasons why it is important to conserve the remaining temperate rainforest in the Pacific Northwest, one of only three remaining temperate rainforests in the world. Includes opinions of forestry and national parks officials and environmental researchers in explaining why conserving rainforests is vital in terms of protecting species diversity, providing important plants for medicinal use, and preventing global warming. Defines basic terms and processes relevant to temperate rainforests: epiphytes, nurse logs, colonnades, and photosynthesis. Illustrates how different living things, such as lichens, participate in photosynthesis. Presents information on why the monocultural replacement of trees is not really reforestation because it limits the amount of species diversity. Includes an animated sequence, "Protect the Forest," by Direct Impact. (BOGENDA;FORTEJP;FFHS;c1992)

Conservation of natural resources; Ecology; Forests and forestry; U.S.—Regions

### ANCIENT FORESTS: RAGE OVER TREES

60 min; color; c,a  
1/2" VHS **NC2124,VH**

Looks at the head-to-head struggle between conservationists and loggers in the Pacific Northwest over the nation's old growth forests. For the timber industry, harvesting old growth allows for the planting of younger, more profitable trees, which the industry claims is an economic necessity. To conservationists, the destruction of this vital, natural ecosystem destroys the Northwest's tourist trade, the beauty of the landscape, and the habitat of thousands of animals. Hosted by Paul Newman. *Closed Captioned.* (NAUDSOC;PBSV;c1989)

Environmental protection; Forests and forestry; U.S.—Regions

### TECHNO 2100: AQUATIC INVADERS THE RISING TIDE OF NON-NATIVE INVASIVE SPECIES

27 min; color; j,h,c  
1/2" VHS **NC2433,VH**

Examines the issue of invasive species, specifically within the context of aquatic environments. Mentions the problems of over-fishing and habitat destruction, but concentrates on the problems caused by the introduction of non-native species. Documents problems in the Great Lakes caused by zebra mussels, round gobi, and invasive plants. Recounts laws and public education programs designed to combat the problems. Interviews a variety of scientists and government officials. (FFHS;c1999)

Adaptation (Biology); Ecology; Environmental protection; Wildlife conservation

### ARE YOU SWIMMING IN A SEWER?

58 min; color; h,c,a  
1/2" VHS **CC3611,VH**

Nova Series - Explores the growing problem of wastewater pollution of waterways and oceans by coastal cities, which daily dump billions of gallons of waste containing toxic substances, bacteria, viruses, and heavy metals. Challenges the long-standing assumption that the ocean can dilute harmful wastes, demonstrating ecological damage and public health threats from the current situation. Discusses clean up costs and alternative waste management treatments. (WGBHTV;CORT;r1987)

Pollution; Public health

### BATTLE FOR THE PLANET SERIES

*For descriptions see individual titles:*  
EIGHT LITRES A MINUTE [CC4249]  
GREENING THE LAND [CC4250]  
KINGDOM OF THE THIRD DAY [CC4251]

## Environmental Problems

### THE BEACHES ARE MOVING

60 min; color; c,a  
1/2" VHS **NC2075,VH**

Examines the profound impact of coastal development on the sensitive beach environment and explains what we can do to have our beach and save it, too. Illustrates beach evolution using spectacular contemporary and historical film and video and state-of-the-art animation. Hosted by Dr. Orrin Pilkey, Duke University, Professor of Geology. (NCPUBTV;DUKUENV;c1990)  
Coasts; Environmental protection; Physical geography

### BIG FISH, LITTLE FISH

28 min; color; h,c,a  
1/2" VHS **NC1958,VH**

Only One Earth Series - Shows how overfishing by large industrial nations has threatened the lifestyle of Pacific islanders. Explains that new training programs and fishing limits have resurrected the local fishing industry. (BBC;FI;c1987)

Conservation of natural resources; Fishing; Islands of the Pacific

### THE BIG SPILL

58 min; color; c,a  
1/2" VHS **NC2018,VH**

Nova Series - Presents Prince William Sound before and after the *Exxon Valdez* ran aground, spilling eleven million gallons of oil into the Sound. Considers what the disaster may mean for the area and for the oil industry. Months after the spill and the billion-dollar cleanup effort, controversy rages about the extent of environmental damage. Since there have not been enough long-term studies of similar oil spills, the ultimate effects on the Sound are still unknown. Yet the *Exxon Valdez* cleanup effort clearly shows that not enough progress has been made in oil spill prevention, containment, and cleanup technology and policy. (WGBHTV;CORT;c1990)

Alaska; Petroleum; Pollution

### A BIG STINK: CITY SEWER SYSTEMS

30 min; color; h,c  
1/2" VHS **CC5893,VH**

Metropolis Series - Presents the history of how excrement has been dealt with, focusing on London's problem of urban sanitation from the 16th century to the present. Dramatizes the historical development of the water closet and waste disposal with dramatizations, readings of first-person memoirs, narration, and modern-day footage. Emphasizes the public health risk of London's poor sanitation and open sewers from 1720 to the beginning of the 19th century. Discusses the pollution of London's Thames River and efforts undertaken to treat the sewage found in its waters. Presents the overall message that we must stop being so wasteful in our consumption patterns so that we can preserve our environment, sanitation, and health. (PRENDF;FFHS;c1995)

Municipal services; Pollution; Public health; Refuse and refuse disposal; Rivers; Water and water supply

### BILL MOYERS WORLD OF IDEAS SERIES

Presents a series of 50 half-hour interviews conducted by journalist Bill Moyers with a wide range of philosophers, historians, scientists, writers, artists, and teachers who share their knowledge about a variety of timely issues. Discusses where America and the world stand as we approach the end of the century. *For descriptions see individual titles:*

JESSICA TUCHMAN MATHEWS [EC2373]

### BIODIVERSITY FOR FORESTS AND FARMS

28 min; color; c,a  
1/2" VHS **NC2204,VH**

During the past decade, ecologists have documented the complex relationships among plants, animals, habitats, and society, and have demonstrated that with wise stewardship, forests and farms will continue to provide habitat for fish and wildlife and the many ecological services upon which we all depend. Through colorful graphics, outdoor settings and wildlife scenes, illustrates healthy ecosystems, outlines threats to the conservation of biodiversity, and describes some management practices that protect and enhance biodiversity for forests and farms. Interviews with wildlife and forest ecologists, farmers and forest owners define the concepts of biodiversity and ecosystem management and describe the ecological services and societal benefits provided by healthy ecosystems. Introduces the new technologies of GAP analysis and Geographic Information Systems and provides sources of additional information and assistance. (CORLU;c1996)

Agriculture; Ecology; Forests and forestry; Natural resources

### THE BIOSPHERE

41 min; color; h,c  
1/2" VHS **NC2337,VH**

Defines "biosphere" and presents basic information in two sections: the beginnings of the Earth, and the relationship of humans to the environment. Describes experimental efforts to simulate the molecular shifts which formed the beginnings of Earth and its life forms. (HAWKHAS;c1997)

Adaptation (Biology); Earth; Ecology; Life (Biology)

### BIRTH OF EUROPE SERIES

#### BIRTH OF EUROPE, NO. 7: HOSTAGES TO OIL

55 min; color; c,a  
1/2" VHS **CC4469,VH**

Repeated Middle East crises during the second half of the 20th century have made Europe vulnerable to fuel shortages and price fluctuations. Consequently, there has been a growing quest for energy independence by, for example, harvesting North Sea oil, developing nuclear capacity and continuing to burn coal. Each European nation has chosen its own path, but each route can be fraught with immediate and long-term dangers to life. To greater and lesser degrees everyone is dependent on oil and seemingly willing to do anything to protect its flow. (BBC;CORT;c1991)

Europe—History: 20th century; Petroleum; Power resources

### BLACK COAL, RED POWER

41 min; color; h,c,a  
1/2" VHS **CC2450,VH**

Examines the effects the strip mining of coal has had on the Navajo and Hopi reservations in Arizona, pointing out that it is destroying the natural economy of the Indians and the ecological balance of the land. Explains that the Indians agreed to allow strip mining on their lands with the understanding that they would receive jobs and royalties, only to discover that grazing land was destroyed and corn fields polluted. Observes that the Indians are giving up their water, land, and way of life to satisfy the country's energy needs. (WNET/13;INUISS;p1972)

Environmental protection; Indians of North America; Mines and mineral resources; Power resources

## Environmental Problems

### BLACK SEA: VOYAGE OF HEALING

55 min; color; h,c  
1/2" VHS **CC5838,VH**

Follows the journey of the 1997 conference on the state of the Black Sea. Stops in Georgia, Russia, Ukraine, Romania, Bulgaria and Turkey. Explores religious, economic and political issues impacting the environment of the Black Sea. Provides specific examples of religious cooperation, population growth impacts, pollution, eco-tourism, oil industry issues and problems associated with the fishing and shipping industries in the countries bordering the Black Sea. (DAVISPE;BULFROG;c1998)  
Anthropogeography-Central Asia, Middle and Near East; Environmental protection; International cooperation; Water and water supply

### BORDERLINE CASES: ENVIRONMENTAL MATTERS AT THE UNITED STATES-MEXICO BORDER

65 min; color; c,a  
1/2" VHS **NC2274,VH**

Examines the environmental crisis among the 2,000 mile border between Mexico and the United States caused by the abundance of American manufacturing plants (maquiladoras) on Mexican soil, a lack of sufficient waste management infrastructure, and unenforced environmental regulations. Focuses on the three paired cities of Brownsville and Matamoros, San Diego and Tijuana, and El Paso and Ciudad Juarez. Interviews community workers, environmental activists, health care workers, and factory owners to examine the consequences of environmental neglect, recent environmental activity, and the hopes for the future. Discusses the development, implementation, and effects of the NAFTA agreement and examines a number of binational efforts to address environmental concerns. (CORCOLY;BULFROG;c1997)  
Environmental protection; Mexico; Pollution; U.S.-Foreign relations; U.S.-Industries

### BRAZIL

20 min; color; i,j,h  
1/2" VHS **CC4258,VH**

South America Series - Explores the resources, agriculture, industry, and people of Brazil, South America's largest country. Explains that, although Brazil is a tropical nation, it is becoming one of the most industrially developed nations on the continent. Investigates the many serious problems this rapid industrialization is causing, including pollution and destruction of the large Amazon rain forest. Provides an in-depth view of the lifestyles and heritage of the Brazilian people. (BFA; PHOENIX;c1990)  
Brazil; Industrialization; CLACS

### CALIFORNIA DREAMING: CONTROLLING AIR POLLUTION

49 min; color; c,a  
1/2" VHS **NC2310,VH**

Examines the problems of pollution and automobile congestion in Los Angeles and investigates solutions being explored by urban planners and the automobile industry including electric cars, traveler information systems, vehicle convoys, and public transportation. Discusses European models of transportation technology from Switzerland and Germany and how these models could be applied to California. Interviews experts from the California Air Resources Board, General Motors Corporation, and the Program on Advanced Technology for the Highway as they discuss the technological and social obstacles which must be overcome. (BBC;FFHS;c1991)  
Automobiles; Cities and towns-Planning; Pollution; Transportation

### CANE TOADS--AN UNNATURAL HISTORY

46 min; color; c,a  
1/2" VHS **NC1982,VH**

Documents the introduction in 1935 of cane toads from Hawaii into Gordonvale, Australia, in an attempt to control the grubs and grey-back beetles that were destroying the sugar cane crop. Details the rapid spread of cane toads and why they failed in their pest control efforts. Examines the range of emotions among the people regarding the cane toad by means of interviews and radio news broadcasts. Discusses the cane toads' eating habits, their unusual method of mating, and their poisonous skin secretions. Captures the real danger the toads pose to the environment in an informative yet humorous manner. (FILAUS;ICAR;c1987)  
Agricultural pests; Amphibians; Ecology

### THE CHAIN OF LIFE

30 min; color; h,c,a  
1/2" VHS **NC1235,VH**

Our Vanishing Wilderness Series - Depicts man as the end link in "The Chain of Life" and indicates that he is limiting his own survival by destroying other links in the chain. Explains that a healthy environment is as essential to the survival of man as to plants and animals, since man must ultimately consume plants and animals. Points out that pesticide controls can be biological rather than chemical, but consumers prefer "pretty" fruit to the blemished skin of safe fruit. Emphasizes that industries prefer chemical to biological control for economic reasons. (WNET/13;INUISS;p1970)  
Environmental protection; Pest management

### CHANCELLOR'S FORUM LECTURE SERIES MOOT COURT GUEST LECTURE: PAUL SIMON [EC2991]

### CHELYABINSK: THE MOST CONTAMINATED SPOT ON THE PLANET

60 min; color; c,a  
1/2" VHS **CC5062,VH**

Examines the history of radioactive contamination in a rural region of Russia. Discusses the three major known radioactive spills which took place there, beginning with the systematic dumping of nuclear waste from the nuclear weapons plant into the main water supply, through a 1957 explosion, and a cloud of radioactive dust in the sixties. Points out the high incidence of birth defects and childhood illnesses and the lowered life expectancy, and shows attempts by citizens to determine current levels of contamination, despite their feelings of frustration and helplessness. (GRUNBSL;FILMK;c1994)  
Pollution; Public health; Radiation; Russia and CIS (1991-); Soviet Union (1917-1991)

### CHEMICAL CYCLES IN THE BIOSPHERE

21 min; color; j,h,c,a  
1/2" VHS **NC2219,VH**

What Everyone Needs to Know about Science Today Series - Demonstrates the dynamics of chemical cycles in the living world, explaining that all processes in the biosphere involve chemical elements. Illustrates how the discharge of chemical wastes in the water can affect humans by moving into living systems and becoming absorbed into the food chain. Uses computer graphics and diagrams to look at molecular movement, the processes of photosynthesis and respiration, and the oxygen, carbon-dioxide and nitrogen cycles, all integral parts of human and animal life. *Closed captioned.* (HAWKHAS;c1994)  
Biochemistry; Ecology

## Environmental Problems

### CHEMICAL VALLEY

57 min; color; c,a

1/2" VHS **CC4433,VH**

Begins with the 1984 Union Carbide accident in Bhopal, India, where over 5,000 people died after a chemical accident involving MIC, a lethal chemical used in pesticides. Continues in the Kanawha Valley of West Virginia, where a MIC-producing Rhone-Poulenc/Union Carbide plant ten times the size of the one in Bhopal is located. Interviews many of the residents in the surrounding towns, including Institute, South Charleston, North Charleston, and West Dunbar, relating their experiences with the accident that occurred only ten months after Bhopal's. Follows the townsfolk for the next five years as various issues of community health, safety, and employment are debated. Documents this area's struggle to make the industry socially responsible for its operation and actions. (APPALSH;c1991)

Business ethics; Environmental protection; Industry; Philosophy (CPI)

### CHERNOBYL: THE TASTE OF WORMWOOD

52 min; color; h,c,a

1/2" VHS **CC3625,VH**

Discusses the long-term effects of the Chernobyl nuclear power plant accident. Uses computer graphics and maps to explain how updrafts created by the explosion and rainfall have caused "hot spots" of radiation in Europe. Interviews victims, bystanders, medical personnel, physicists, and politicians and talks with residents of some designated "hot spots" to see how the accident threatens their livelihood. Contains photographs of the blast site as well as the people and the area affected by it. (FFHS;c1987)

Atomic energy; Environmental protection; Radiation

### THE CHINAMPAS

31 min; color; h,c,a

1/2" VHS **CC4248,VH**

Examines an ecologically sustainable system of agriculture and a way of life that has flourished in Mexico for 2,000 years. The chinampa zone, which now survives only on the southern edge of Mexico City, is a beautiful area of canals and islands, graceful willow trees, various agricultural crops, and flowers. Uses graphics, live action, and commentary by chinampa farmers to show how the phenomenally productive chinampa system works. Shows also how the growth and pollution problems of Mexico City threaten the survival of the remaining chinampa farmers. (PRUTZMA;UCEMC;c1990)

Agriculture; Anthropogeography—Central America; Ecology; Mexico; CLACS

### CLIMATE OUT OF CONTROL

26 min; color; j,h,c,a

1/2" VHS **GC1657,VH**

Discusses predicted atmospheric changes brought about by pollution and emphasizes the negative impact on our present way of life. Looks at the threat of rising sea levels, constant heat waves, and dangerous ultraviolet sun rays caused by global warming, and considers such consequences as increased health hazards and damage to land and food supplies. Examines how the greenhouse effect and depleted ozone layer result from fossil fuel burning and the release of other chemicals into the atmosphere. Points out the necessity for energy conservation and tree planting. Stresses taking action to prevent further deterioration of our atmosphere. (ERSKINM;FFHS;c1989)

Atmosphere; Climate; Environmental protection; Pollution

### COASTAL DUNES

20 min; color; h,c,a

1/2" VHS **GC1562,VH**

Geography Today—A Search for Order Series - Demonstrates the morphology of dune development and how the complete interaction between it and the vegetation-soil system can be observed and measured. Observes the development of a landform and shows how siltation, sand movement, and erosion happen. Illustrates how precarious the balance is between the various factors and how slight changes—including use of the area by man—can destroy large parts of the system. (FFHS;c1982)

Coasts; Physical geography; Soil conservation

### THE COLLAPSE OF THE ARAL SEA ECOSYSTEM

54 min; color; c

1/2" VHS **CC6092,VH**

The Nature of Things series - Tells the tragic fate of the Aral Sea, once one of the largest and most productive inland bodies of water. Reveals the destructive Soviet plan to turn Central Asia into the world's greatest cotton producer and relates this decision to the decimation of the sea. Details the damage to the surrounding ecosystem and the health problems experienced by local inhabitants. Speaks with doctors and patients to assess the immediacy of these problems. (FFHS;c2001)

Agriculture—Economic aspects; Ecology; Soviet Union (1917-1991); Water and water supply

### COMMUNISM: LEGACY OF POLLUTION

24 min; color; c,a

1/2" VHS **CC5569,VH**

Looks at the work of the European Union to help the Czech Republic, Poland, and Germany moderate their industrial pollution problems with flue gas desulfurization, reforestation, energy conservation, and a switch to alternative energy sources. (LANGTPA;FFHS;c1996)

Communism; Energy conservation; Environmental protection; Europe; Pollution

### CONCERT INDIGENOUS RESTORATION

53 min; color; j,h,c,a

1/2" VHS **CC6493,VH**

Documents the Concert for Indigenous Restoration, a performance event that combined traditional and modern music, dance, and ceremonial performances by Native Americans from across North America. Performers speak about issues of concern and describe the significance of their performances in their native culture. Participants give considerable attention to environmental concerns and emphasize the role of elders as wisdom keepers. A documentary by Danny Beaton, a Mohawk of the Turtle Clan. (BEATODA;n.a.)

Environmental protection; Ethnomusicology; Folklore; Indians of North America; Religion—Philosophy; Philosophy (CPI)

### CONCERTO FOR THE EARTH

16 min; color; j,h,c,a

1/2" VHS **GC1710,VH**

Uses specially composed music by Philippe Sarde performed by the London Symphony Orchestra to connect a series of short, unnarrated scenes illustrating three themes or movements. Presents the idyllic natural world, man's destructive, technologically-based effects on it, followed by ways in which alternative or appropriate technology is being used to alleviate these effects or to sustain the natural environment. (BAYSIPR;BULFROG;c1992)

Environmental protection; Technology

## Environmental Problems

### CONTACT: THE YANOMAMI INDIANS OF BRAZIL

30 min; color; h,c,a  
1/2" VHS **CC4278,VH**

Reveals the devastation of the Yanomami, an indigenous Brazilian rain forest Indian tribe, by the influx of gold miners who are destroying forest and water sources, bringing diseases, and disrupting the independent, balanced lifestyle of the native people. Shows how the miners' destructive methods and lifestyle undermine the traditional spiritual values and self-sufficiency of the Indians. Uses interviews with mining officials, tribe members, shamans, and film footage from a national native coalition conference to reveal how some tribes are organizing to save their lands and people. (REALISP; FILMK;c1990)

Brazil; Ecology; Indians of South America; Miners; CLACS

### THE COWBOY IN MONGOLIA

60 min; color; c,a  
1/2" VHS **GC1666,VH**

Follows Oregon rancher and rangeland management specialist Dennis Sheehy and his family to a commune in Inner Mongolia where he advises the Chinese government and local people on reducing overgrazing and deterioration of the grasslands. Shows the long-term attempts to correct the problem of too many livestock for too small a resource base, and the cultural complications that increase resistance to change. Explains the motivation of Sheehy as a Vietnam veteran whose goal was to return to Asia in a productive role. Shows his family's adaptation to the culture and daily life of the herders. (DUNCANA;ICAR;c1989)

China; Ecology; Environmental protection

### DAVID BROWER, A CONVERSATION WITH SCOTT SIMON

57 min; color; c,a  
1/2" VHS **NC2278,VH**

Presents an interview with environmentalist David Brower in which he discusses his childhood, family, former involvement with the Sierra Club as executive director, environmental events and controversies from the 1960's to the 1990's, the founding of the organization "Friends of the Earth" and the "Earth Island Institute," issues about population and consumption, and his recent book *Let the Mountains Talk, Let the Rivers Run*. Discusses Brower's notion of the need for "global CPR:" global conservation, preservation, and restoration. Emphasizes the fragile state and danger of the world environmental situation today. Includes archival photographs and film footage. (DEGRAJO;BULFROG;c1995)

Conservation of natural resources; Environmental protection; Pollution; U.S.-Biography

### THE DECADE OF DESTRUCTION SERIES

IN THE ASHES OF THE FOREST, PART 1

[CC5234]

IN THE ASHES OF THE FOREST, PART 2

[CC5235]

KILLING FOR LAND [CC5236]

### DEPENDING ON HEAVEN: THE DESERT

28 min; color; h,c,a  
1/2" VHS **GC1639,VH**

Presents a group of peasant farmers living in the Inner Mongolian Desert, who are applying modern agricultural techniques to solve their land management problems. Shows their home life, culture and historical connections as they adapt and integrate their past with modern techniques for revitalizing their land. Uses cinematography and a sparse narration to convey the desert landscape. Reflects the heightened awareness the farmers have of the environmental changes needed to restore their land for future generations. *Closed Captioned*. (ENTP;ICAR;c1987)

Agriculture; Anthropogeography-Central Asia, Middle and Near East; China; Deserts; Environmental protection

### THE DISAPPEARING FORESTS

27 min; color; h,c,a  
1/2" VHS **GC1705,VH**

Spaceship Earth: A Global Geography Series - Surveys disappearing forests around the world. New Hampshire's White Mountains are popular with skiers who build condominiums, as well as with loggers who use drastic methods of whole-tree harvesting. In a protected enclave at nearby Hubbard Brook, scientists study forest ecology and management in intricate detail. In the Australian rain forest, Aborigines strive to keep their folk knowledge of each tree's economic role by teaching it to tourists, as well as to their own young people. Remote sensing satellites show tropical forests disappearing at a disturbing rate in Asia, Africa and South America. Though people have long cleared the forests for dwellings, firewood, and farming, human needs must now be weighed against the planet's survival. (SCETVN;c1991)

Environmental protection; Forests and forestry

### DISAPPEARING WORLD SERIES

Provides a record of the social structures, beliefs, and practices of societies now threatened with imminent extinction by the pressures of an expanding technocratic civilization. Film crews worked in close association with anthropologists, who spent a year or more living among the tribe concerned. *For descriptions see individual titles:*

AN INVISIBLE ENEMY [CC4356]

THE KAYAPO: OUT OF THE FOREST [CC4344]

### THE DISPOSABLE SOCIETY

26 min; color; h,c,a  
1/2" VHS **NC1994,VH**

Addresses the problem of waste disposal in the United States. Tours the Meadowlands Landfill in Hackensack, N.J., and explores the waste disposal crisis faced by the people of nearby Orange, N.J. Reviews the history of refuse disposal, emphasizing the impact of the invention of plastics. Concludes with a debate between a Dow Chemical executive and an environmental expert concerning the role of plastics marketing in the "disposable society." (FFHS;c1988)

Refuse and refuse disposal

### DO WE REALLY NEED THE ROCKIES?

57 min; color; h,c,a  
1/2" VHS **GC1576,VH**

Nova Series - Examines the pros and cons of shale oil production in the American Rocky Mountains. Emphasizes problems associated with disposal of waste materials. (WGBHTV;AMBROSV;c1980)

Environmental protection; Petroleum

### DRUM BEAT FOR MOTHER EARTH: HOW PERSISTENT ORGANIC POLLUTANTS THREATEN THE NATURAL ENVIRONMENT AND THE FUTURE OF INDIGENOUS PEOPLES

55 min; color; c,a  
1/2" VHS **NC2347,VH**

Documents how chemical pollutants end up in our food chain, and emphasizes how the physical and spiritual health of indigenous peoples is especially threatened by reliance on animal life that is now more polluted. Defines persistent organic pollutants (POPs) and shows how they work their way into our food chain and environment. Interviews several Native Americans in the U.S., Mexico, and Guatemala about the negative effect of POPs in their lives. Argues that changing indigenous ways of life is not an option; instead, change should come from the manufacturers of industrial chemicals. (GREEINE; BULFROG;c1999)

Chemistry, Organic; Ecology; Environmental protection; Indians of Mexico; Indians of North America; Indians of South America

## Environmental Problems

### THE DUST BOWL

23 min; b&w; h,c,a

1/2" VHS **NB0755,VH**

The Twentieth Century series - Contrasts past and present conditions of the Dust Bowl area of the Southern Great Plains. Provides newsreel footage of the area during the dust storms period of the early 1930s. Interviews residents in Dalhart, Texas, who weathered the dry years and now look forward to the future. Shows how the National Farm Program introduced conservation measures to save and restore the area. Narrated by Walter Cronkite. (CBS;MCGH;c1961)

Agriculture; Natural resources; Soil conservation

### EARTH SCIENCE SERIES

THE GREENHOUSE EFFECT [NC2185]

### ECOLOGICAL DESIGN: INVENTING THE FUTURE

64 min; color; c,a

1/2" VHS **NC2172,VH**

Illuminates the emergence of ecological design in the 20th century, featuring the ideas and prototypes of trailblazing designers who have pioneered the development of sustainable architecture, cities, energy systems, transport, and industry. Provides a practical and interdisciplinary basis for learning about the environment and our ability to design a desirable and sustainable future. (TZELOVA; DANITBR;ECODESP;c1994)

Design; Ecology; Future studies

### ECOLOGY AND THE ENVIRONMENT: GALAPAGOS, MAURITANIA, MADAGASCAR

33 min; color; h,c

1/2" VHS **NC2341,VH**

Contains separate segments about the ecology in varied locales: the Galapagos, Maritania, and Madagascar. Profiles Ecuador's promotion of tourism in the Galapagos Islands, using George the Tortoise as a marketing symbol. Observes efforts in Mauritania to resist the encroaching Sahara Desert and in Madagascar to determine the value of indigenous plants for pharmaceutical research. Examines the impact of humans on each ecosystem and their efforts to repair current damage and prevent future problems. (DUBIEJO;FFHS;c1996)

Conservation of natural resources; Ecology;  
Environmental protection; Geography; Tourism

### AN ECOLOGY OF MIND

60 min; color; c,a

1/2" VHS **CC4653,VH**

Millennium: Tribal Wisdom and the Modern World Series - Compares the Western desire to control nature with tribal cultures' more harmonious relationship. Examines the sophisticated ecological awareness of the Makuna of Colombia and how they transmit it from generation to generation through complex myths and rituals. Contrasts tribal peoples' views with the evolutionary ideas handed down to the modern world from the Bible and from 19th century Darwinian theory. Shows a modern gardener who exemplifies the new attitude Western culture will need to ensure humanity's survival on the Earth. *Closed Captioned.* (BINIMAP;KCETTV;PBSV;c1992)

Anthropology; Environmental protection; Evolution

### ECOLOGY OF THE CORAL REEF

23 min; color; c,a

1/2" VHS **NC2143,VH**

Man and the Biosphere Series - Looks at the threatened ecosystem of coral reefs. Examines the effects of natural disasters, like severe storms, as well as the results of other phenomena, such as the proliferation of a species of starfish which is ravaging the Australian Barrier Reef. Looks at the effects of pollution, such as deforestation and runoff resulting in soil particles either in suspension in the water, affecting photosynthesis in marine plants, or that settle on surfaces, upsetting the behavior of marine animals; the effects of sewage on algae, which compete for space with coral; and the effects of people, from fishermen who overfish, to tourists who destroy beaches, to oil companies whose tankers spring leaks and destroy everything in the water and on shore. (EOLISP;FFHS;c1991)

Ecology; Environmental protection; Marine biology

### ECONOMICS USA SERIES

Former CBS/ABC network correspondent David Schoumacher interviews key participants and economist Richard Gill analyzes the principles that underlie major economic events of the 20th century. Interviews are complemented with archival and contemporary footage, newspaper photographs and headlines, animation, and radio recordings.

### ECONOMICS USA, LESSON 21: POLLUTION- HOW MUCH IS A CLEAN ENVIRONMENT WORTH?

30 min; color; c,a

1/2" VHS **CC3457,VH**

Discusses the economics of pollution. Explains the concept of "external diseconomy," illustrates the ways that externalities can be calculated, and uses cost-benefit analysis to determine the "optimum" level of pollution. Portrays the federal court case against the Reserve Mining Company for dumping taconite tailings into Lake Superior; the difficult social choices posed by attempts to enforce the 1970 Clean Air Act in Los Angeles; and the decision by the government to use cost-benefit analysis to measure the social and private costs of environmental regulation. (ANBERG;F1;c1985)

Economic policy; Pollution

### ECOSYSTEMS

34 min; color; j,h,c

1/2" VHS **NC2422,VH**

Defines ecology and traces the varying approaches to it from Thoreau's naturalist tradition to the scientific views of Darwin and Odum. Looks at conflicts between developers and conservationists, and the controversies surrounding ecology and ethics today. Shows the relationship of living things to their environment in various ecosystems and how energy is exchanged through the chain of producers, consumers, and decomposers. (HAWKHAS;c1998)

Conservation of natural resources; Ecology

### ECOSYSTEMS ON EARTH

26 min; color; h,c

1/2" VHS **NC2421,VH**

Planet Earth: The Third Millennium series - Defines and highlights basic characteristics of various ecosystems. Introduces the concept of homeostasis and how external factors affect this process, particularly the effects humans can have on various ecosystems. Considers possible long-term effects of pollution and possibilities for managing ecosystems in the future. (HAWKHAS;c2001)

Ecology; Environmental protection; Pollution

## Environmental Problems

### EIGHT LITRES A MINUTE

31 min; color; h,c,a

1/2" VHS **CC4249,VH**

Battle for the Planet Series - Discusses the ramifications that air pollution has on human health and the environment. Focuses on areas of the world where community efforts have begun to make a difference in this global crisis. (NFBC;INUISS;r1991)

Pollution; Public health

### ENERGY TODAY AND TOMORROW

23 min; color; h,c,a

1/2" VHS **FC1758,VH**

The Science Show series - Provides a summary of the procedures of drilling, extracting, and refining petroleum. Explains the different techniques used in drilling and pumping and illustrates the steps in refining crude oil. Suggests that we develop alternative, renewable sources of energy such as wind power and presents some of the ways in which this resource can be harnessed and transformed into a useable product. (CSMPROD;FFHS;c1994)

Mines and mineral resources; Petroleum; Power resources

### ENVIRONMENT UNDER FIRE: ECOLOGY AND POLITICS IN CENTRAL AMERICA

28 min; color; c,a

1/2" VHS **CC4007,VH**

Explores the issues behind the environmental crisis in Central America, a situation leading to increased poverty and hunger among its populace, along with potential solutions. Explains that more than two-thirds of the rain forests have been destroyed, that the U.S. exports pesticides to Central America while much of the agricultural land supports cattle and crops exported to the U.S., and that the continuing military conflicts are devastating the land and displacing millions of people. Provides the perspectives of top Central American and U.S. environmentalists. (ENVIRCA;MOVINGI;EDUCFVP;c1988)

Anthropogeography-Central America; Central America; Environmental protection; CLACS

### ENVIRONMENTAL CONTROL AND PUBLIC HEALTH SERIES

ENVIRONMENTAL CONTROL IN THE NORTH SEA [NC2208]

### ENVIRONMENTAL CONTROL IN THE NORTH SEA

24 min; color; h,c,a

1/2" VHS **NC2208,VH**

Environmental Control and Public Health Series - Focuses on the operation of an oil production platform in the North Sea to examine environmental concerns. Describes the technical processes involved in extracting oil from the rock below the sea. Discusses how solid and liquid wastes are handled and explains the systems used to clean and recycle the sea water. Travels to a test center located onshore to assess the impact on the environment. Emphasizes the importance of environmental management in industry, vital to control pollution. (OPENUN;MEDG;c1995)

Environmental protection; Industrial management; Oceans; Petroleum; Pollution

### ENVIRONMENTAL FALLOUT: CLEANING UP NUCLEAR WASTE

60 min; color; c,a

1/2" VHS **NC2200,VH**

The Hanford Nuclear Reservation in Richland, Washington, was the federal government's first and largest plutonium production site for atomic weapons. Weapons production has ceased, but Hanford remains one of the most poisonous sites in the Western World. Federal officials are seeking to return it to safety. The toxic legacy of this 560-square-mile reservation on the Columbia River includes millions of gallons of high-level radioactive waste which lie buried in aging tanks, some of them leaking. In addition, a staggering 440 billion gallons of mixed radioactive and chemical waste were dumped on the soil. Oregon Public Broadcasting reporter Jeff Douglas spent months researching and filming at Hanford to produce this program. Now only one mission remains: to clean up the toxic waste. (ORPUBRO;c1994)

Atomic bomb; Pollution; Radiation

### EVOLUTION SERIES

Presents a series of eleven programs that explain the theories of evolution and describes the techniques and experiments that support these theories. *For descriptions see individual titles:*

HUMAN INFLUENCE [NC1786]

### THE FATEFUL BALANCE

52 min; color; h,c,a

1/2" VHS **NC2120,VH**

Addresses the issue of global climatic change and the potential effects of human activities on the concentration of greenhouse gases in the atmosphere. Explains the difficulties of distinguishing between man-made and naturally-occurring changes in the world's climate. Discusses the consequences of temperature changes, the tools and methodology of measuring ozone depletion, and the sociopolitical ramifications of climatic changes, such as differential effects on industrialized versus non-industrialized countries. (LINDSMP;LAEM;c1991)

Atmosphere; Climate; Environmental protection

### FEAST OR FAMINE?

27 min; color; h,c,a

1/2" VHS **GC1706,VH**

Spaceship Earth: A Global Geography Series - Satellites and computers now let scientists map and study vegetation growth and crops from both land and space—and they illustrate all too well how human activity has laid bare vast, once-rich lands. Considers comparative land studies in France, then examines ancient growing conditions and the cultural importance of food in Samoa. In Kenya, soil erosion and desertification are compounded by such natural phenomena as locust swarms and drought. The rate of loss of arable land is accelerating while the population is expected to double in the next forty years. (SCETVN;c1991)

Food supply; Soil conservation

### THE FENCE AT RED RIM

29 min; color; h,c,a

1/2" VHS **CC3999,VH**

Documents the struggle over usage rights to public lands in southwestern Wyoming. Focuses on the battle between mineral development interests and environmental/conservation interests over the strip-mining of coal at Red Rim, a documented winter grazing range for prong-horned antelope. Traces the history of public lands management, how Red Rim escalated into a national issue, and possible precedents set by its resolution. (TAYLORM;MARSHCI;UCEMC;c1987)

Conservation of natural resources; Mines and mineral resources

## Environmental Problems

### FIELD OF GENES

44 min; color; h,c,a  
1/2" VHS

**NC2305,VH**

Examines how technology has allowed genetically manipulated food products to trickle into the food chain. Reveals the methods used to produce genetically manipulated products and how the companies that produce them get farmers to buy these new products. Highlights the concerns many environmentalists and scientists have over the introduction of "new" foods into the environment and food chain. (THOMSJA;BULFROG;c1998)

Agriculture; Biotechnology; Environmental protection; Food chains (Ecology); Genetics

### THE FIRES OF THE AMAZON

44 min; color; c,a  
1/2" VHS

**CC6436,VH**

Delineates the struggle between development in Brazil and the growing destruction of the rain forests. Explains the rapid destruction of the rain forest as a result of industrialization and the need for housing and agricultural land. Details the efforts of the martyred Chico Mendes and his current supporters throughout Brazil, some now in positions of power, as they continue to serve his memory by fighting for sustainable development. Filmed by Adrian Cowell ten years after his series "The Decade of Destruction." (BULFROG;c2002)

Anthropogeography—South America; Brazil; Environmental protection; Forests and forestry; Natural resources

### FLAMES IN THE FOREST

52 min; color; c,a  
1/2" VHS

**NC2123,VH**

Indigenous Peoples: Standing Their Ground Series - Examines how, since the 1950s, the Amazon Indians of eastern Ecuador have bitterly resisted the invasion of international oil companies which, with the encouragement of the Ecuadorian government, seek to use the resource-rich region for intensive oil production. *Closed Captioned.* (NEFELIP;FFHS;c1991)

Anthropogeography—South America; Conservation of natural resources; Ecuador; Petroleum

### THE FLYING FARMER

27 min; color; j,h,c,a  
1/2" VHS

**GC1665,VH**

Presents the work of a dedicated Canadian organic farmer, Yage Przytk, who has established a commercial outlet for Peruvian organic coffee growers. Shows his own organic farm in Quebec, a meeting place for ecologically concerned people. Identifies Yage as cofounder to OCIA—an organization of North American and Third World organic farmers. Discusses the growing interest in chemical-free agriculture, and Yage's determined efforts to connect Peruvian coffee growers with an escalating North American demand for organic food. Describes Yage's frequent flights to Peru and the rigorous overland travel to coffee-growing regions. Highlights his work with peasant farmers to organize, teach, and set up a structure for certifying farms. Examines the troubled situation Peruvian farmers face with worsening economic conditions, the drug mafia, and guerrilla fighting. Celebrates Yage's love for the land and for helping other people achieve a better life. (ADOBEFO;ICAR;c1989)

Agriculture; International development; Peru; Pest management; CLACS

### FOCUS ON THE LAST HUNDRED YEARS SERIES

Presents a close-up encounter with the sights and sounds of our country's past, conveying the flavor of the times as well as the facts. Examines the underlying reasons behind what happened, observing not only what people of the day said and did, but also what they thought and how they lived.

### FOCUS ON THE LAST HUNDRED YEARS, 11: FOCUS ON THE SEVENTIES—SCIENCE AND TECHNOLOGY

20 min; color; j,h,c,a

1/2" VHS **CC3647,VH**

Surveys the events of the 1970s, from "Earth Day" to the Arab oil embargo, that fostered a new awareness of self and environment. Discusses America's search for energy independence, self-health, and space superiority. Focuses on the development of the nuclear energy industry, the hazards of pesticides and the need to protect our endangered species, the controversy surrounding genetic engineering, and the space program. (ABC;CORT;c1985)

Conservation of natural resources; Technology; U.S.—History: 1945-

### FOOLING WITH NATURE

60 min; color; c,a

1/2" VHS **NC2357,VH**

Frontline Series - Examines new evidence in the controversy over the danger of man-made chemicals to human health and the environment, 35 years after Rachel Carson first raised concerns of an impending ecological crisis. Looks at the inside world of scientists, politicians, activists, and business officials embroiled in the debate. (HAMILDO;PBSV;c1998)

Chemistry; Environmental protection; Pollution

### FOREST WARS

58 min; color; c,a

1/2" VHS **NC2329,VH**

Examines the battle between loggers and conservationists over the right to log in federal forests. Contrasts the proposals of the Native Forest Council, which wants to end logging on federal lands, with the Kaibab Sawmill, which is losing jobs, and the town of McCloud, CA, which is surrounded by federal forests. Compares techniques used by Native Americans to control forest growth with the European practice of converting forest to croplands. Includes footage of the threatened spotted owl and old-growth forests. (SUMMIT;c1996)

Conservation of natural resources; Environmental protection; Forests and forestry

### THE FRAGILE REEF CORAL IN PERIL

30 min; color; h,c,a

1/2" VHS **NC2435,VH**

Looks at the numerous threats to the world's coral reefs, diverse ecosystems often called the rainforests of the seas. Discusses the effects of fishing (particularly the practice of using dynamite), tourism, global warming, pollution, and marine biology. Shows how the World Wildlife Fund has been able to help Tanzania eliminate the practice of fishing with dynamite, which causes massive damage to reefs in the Indian Ocean. Recently, pristine reefs off Egypt have been impacted by tourism, since simply touching coral will kill it. Interviews with environmentalists, fishermen, and representatives of the tourist industry help explain the impact these industries have on the reefs and suggest ways to minimize deleterious effects. (FFHS;c2002)

Conservation of natural resources; Environmental protection; Fishing; Tourism

## Environmental Problems

### FRESH KILL

80 min; color; c,a  
1/2" VHS

**CC5819,VH**

Juxtaposes lives of individual residents of New York City with the poisoning of their environment through nuclear testing in the Pacific ocean, pollution, and local toxic landfills, epitomized by Fresh Kills in Staten Island. Provides a postmodern commentary on the interaction of environmental and social degradation. *Contains scenes of nudity and sexual contact.* (STRANDR;c1994)  
Environmental protection; Film study; Pollution; Social problems

### FRONTLINE SERIES

Probes into the heart of the issues behind the headlines, investigating a wide variety of topics from international affairs to domestic news and current trends. Produced by the Documentary Consortium of public television stations (KCTS Seattle, WGBH Boston, WNET New York, WPBT Miami, WTVS Detroit). *For descriptions see individual titles:*

FOOLING WITH NATURE [NC2357]

IN OUR CHILDREN'S FOOD [HC1504]

### FUTURE CLIMATES

28 min; color; h,c,a  
1/2" VHS

**GC1771,VH**

Interviews scientists from centers for climate research such as the Hadley Center, Southampton Oceanographic Center, and the British Antarctic Survey, who discuss methods for studying global climatic change. Explains the greenhouse effect and the global warming that is occurring at an increasing rate and examines how this is potentially affecting biological systems. Discusses relationships between the ocean and the atmosphere and the future of ocean research using the "Auto-sub," an atomic submarine similar in function to a space satellite. Includes footage of extreme climates and new instrumentation such as satellite imagery (remote sensing). (HAMBLC;LAEM;c1997)

Atmosphere; Climate; Earth; Environmental protection; Oceanography

### GARBAGE STORIES

26 min; color; h,c,a  
1/2" VHS

**NC2272,VH**

Visits the sites of four alternative waste-management programs in northern California. The managers and visitors to the facilities speak passionately about our mounting waste disposal problems and demonstrate a variety of innovative and sometimes startling solutions. (MIDCOTV;UCEMC;c1993)

Recycling (Wastes, etc.); Refuse and refuse disposal

### GENETIC TIME BOMB

45 min; color; c,a  
1/2" VHS

**NC2265,VH**

Discusses the increasing loss of crop diversity world-wide, the increasing potential for environmental disaster due to the loss of genetic material, and the ways in which modern agriculture has contributed to this situation. Examines the history of awareness about the importance of plant diversity beginning with Russian scientist Nikolai Vavilov in 1916 to current grassroots cooperatives and governmental agencies attempting to preserve biogenetic diversity. Documents the financial and personnel problems which plague these organizations and limit their effectiveness. Discusses the history of the Green Revolution which began in the 1960's, when Nobel Laureate Norman Borlaug produced dwarf varieties of wheat, and examines the ways in which the Green Revolution failed. Interviews a number of scientists, activists, and other individuals concerned with biodiversity. (ORPUBRO;VIDEOPR;c1994)

Agriculture; Environmental protection; Food; Genetics

### GEOGRAPHY TODAY--A SEARCH FOR ORDER SERIES

*For descriptions see individual titles:*

COASTAL DUNES [GC1562]

### GLOBAL GARDENER: PERMACULTURE

114 min; color; c,a

1/2" VHS **CC6431,VH**

Views permaculture projects, a method of sustainable agriculture devised by Bill Mollison, in the tropics, arid lands, cool climates and urban environments. Demonstrates how these systems, which are modeled from nature and are ecologically sound and economically profitable, can be implemented in needy areas around the world. (BULFROG;c1991)

Agriculture; Ecology; Gardening; Recycling (Wastes, etc.)

### GLOBAL PROBLEMS AND ISSUES

17 min; color; j,h,c

1/2" VHS **NC2348,VH**

Provides a general overview of terms and concepts relating to environmental degradation: pollution, acid rain, ozone depletion, desertification, and the greenhouse effect. Illustrates environmental concepts with images and examples. (BENDELE;EDUCVN;c1991)

Conservation of natural resources; Environmental protection; Pollution

### GLOBAL WARMING: TURNING UP THE HEAT

46 min; color; h,c,a

1/2" VHS **GC1766,VH**

Nature of Things Series, with David Suzuki - Questions why nothing has been done about an issue as serious as global warming, despite warnings from scientists and environmentalists that it poses a major threat. Guests include Henry Kendall, Nobel laureate in physics, and Deputy Prime Minister of Canada Sheila Copps. Also examines how human activity has contributed to recent unusual heat waves, flooding and droughts around the world, and looks at some of the ingenious solutions that are now being developed to alleviate these problems. (ZUCKEDA;BULFROG;c1996)

Atmosphere; Climate; Environmental protection; Pollution

### THE GOD SQUAD AND THE CASE OF THE NORTHERN SPOTTED OWL

57 min; color; c,a

1/2" VHS **NC2381,VH**

Investigates the debate between the timber industry and environmentalists regarding the spotted owl. Provides a comprehensive look at the political, social, and environmental concerns at work in the early 1990's. Talks to members of President George Bush's cabinet and several loggers to gain insight into the complexity of this issue. Discusses the ethical concerns of a governmental committee, known as the "God Squad," established to decide the fate of a species. (BULFROG;c2001)

Environmental protection; U.S.-Politics and government; Wildlife conservation

### THE GREAT OIL DISASTER

30 min; color; i,j,h

1/2" VHS **CC3637,VH**

Knowzone Series - Recalls the grounding of the supertanker Amoco Cadiz off the coast of French Brittany in 1978, in which 68 million gallons of oil spilled into the Atlantic. Explores new cleanup techniques that can reduce the ecological damage from such accidents. Hosted by David Morse. (WGBHTV;CORT;r1987)

Pollution

## Environmental Problems

### GREAT WALL ACROSS THE YANGTZE

60 min; color; h,c  
1/2" VHS **CC6468,VH**

Delineates the controversies surrounding the building of the world's largest dam, the Three Gorges, across the Yangtze River, China's lifeline. The benefits will include prevention of catastrophic floods and a supply of inexpensive electricity to meet increasing demand, but both natural and ancient cultural treasures will be lost. Includes discussion of social, cultural, political, and economic issues along with footage of affected locales, people's reactions, and the perspectives of scholars and officials. (PBSV;c2003)

China; Conservation of natural resources; Economic development; Rivers; Water and water supply

### GREEN MEDICINES

53 min; color; h,c,a  
1/2" VHS **HC1579,VH**

Discusses the fact that one-third of the medicines produced by drug companies are based on plant extracts, yet the drug companies have not invested much time or money in exploring the further possibilities of natural medicines. Argues that natural medicines are the mainstay of the poor people in the world, yet as forests disappear, nothing is being done either to replace the medicines or to retain the knowledge. Shows herbal medicines being used and studied in Thailand and Samoa, and discusses the role of the ethnobotanist. (SCANDIF;FFHS;c1990)

Anthropology; Botany; Drugs (Medical); Environmental protection

### GREEN PACTS AND GREENBACKS

29 min; color; h,c,a  
1/2" VHS **NC2352,VH**

Outlines the tensions between business and environmental protection in recent U.S. history. Presents arguments on both sides of federal regulation of the environment by the Environmental Protection Agency (EPA). Interviews Robert F. Kennedy, Jr. and other specialists about their views on the effectiveness of current policies of enforcing environmental protection. Follows up actions since the 1992 Earth Summit in Rio de Janeiro, current proposals for carbon trading, and environmental consulting efforts in wetland management and urban planning. (CUNDIED;FFHS;c2000)

Business ethics; Economic development; Environmental protection; U.S.—Politics and government

### GREEN ROLLING HILLS

28 min; color; c,a  
1/2" VHS **CC6151,VH**

Documents the debate surrounding a proposal by a multi-national pulp and paper corporation to build a huge pulp mill in a small town, and looks at the potential impacts on the forests and communities of central Appalachia. Presents global issues about wood fiber consumption and challenges the legitimacy of forestry/silviculture as a science. (HIGHPLF;c1995)

Appalachia; Forests and forestry; Industrialization; Paper

### THE GREENHOUSE EFFECT

49 min; color; h,c,a  
1/2" VHS **FC1651,VH**

Asks crucial questions about our misuse of the earth's resources. Addresses the long term effects of an insatiable appetite for generated power, and how to prevent an environmental catastrophe we may be creating. Explains how burning fossil fuel adds carbon dioxide to the atmosphere, which traps the sun's heat and raises the world's temperature, turning the earth into a giant greenhouse. Tells how the impact on sea level, crop growth, and rainfall could be disastrous for all living things by the year 2050. (BBC;F1;c1988)

Environmental protection; Pollution

### THE GREENHOUSE EFFECT

20 min; color; h,c  
1/2" VHS **NC2185,VH**

Earth Science Series - Presents the possible effects of global warming and explains the Greenhouse Effect. Uses a "newscast" from the year 2044 to explain the effects which global warming could have on agriculture, industry, population areas, and world politics. Concedes that exact predictions are impossible, but argues that climate model building and computers are making predictions far more accurate. Discusses the steps needed to reduce greenhouse gasses, and concludes with a stern warning against a "wait and see" attitude. (SCOTTRE;FLMIDEA;c1990)

Atmosphere; Climate; Environmental protection; Pollution

### GREENING THE LAND

32 min; color; h,c,a  
1/2" VHS **CC4250,VH**

Battle for the Planet Series - Reveals that worldwide deforestation strips thousands of acres of land each year, resulting in depleted local resources and harmful changes in the atmosphere. Shows how community involvement in strategic decision-making, such as the choice to use indigenous species, positively influences a project's success. (NFBC;INUISS;r1991)

Conservation of natural resources; Economic development; Forests and forestry; International development

### GROUND ZERO PLUS FIFTY: A HALF-CENTURY OF NUCLEAR EXPERIMENTATION AND DEVASTATION

52 min; color; c,a  
1/2" VHS **FC1788,VH**

Beginning with horrifying flashbacks to Hiroshima and Nagasaki, depicts a world still living under the threat of nuclear holocaust. Visits areas around the world contaminated by ongoing nuclear testing and talks with victims of radiation illness. (NHK;FFHS;c1996)

Atomic bomb; Pollution; Radiation

### HAWAII—CRUCIBLE OF LIFE

57 min; color; h,c,a  
1/2" VHS **CC3907,VH**

Nova Series - Looks at the unique species of plants and animals on the Hawaiian Islands, showing how they developed over millions of years and the current conditions that threaten them. Tells how the introduction of imported plants and animals created unfair competition for natural life forms and some biological controls have backfired, causing ecological crises. (WGBHTV;AMBROSV;c1983)

Conservation of natural resources; Ecology; Hawaii

### HAWAII: STRANGERS IN PARADISE

58 min; color; c,a  
1/2" VHS **CC4420,VH**

Focuses on the attempts being made to restore and preserve Hawaii's precious native environments. Through millions of years of isolation, Hawaii's original plants and animals evolved into a profusion of unique species. However, when humans came to the islands they triggered the introduction of alien species of flora and fauna. Hawaii's fragile ecosystems have been unable to surmount the impact of these continuing invaders. *Closed Captioned.* (MOANAPR;NGS;c1991)

Ecology; Hawaii

## Environmental Problems

### HAZARDOUS WASTE: THE SEARCH FOR SOLUTIONS

36 min; color; h,c,a

1/2" VHS **CC3604,VH**

Explores the growing toxic waste problem in the United States and shows what is being done to solve it. Interviews industry representatives, private citizens, former EPA administrator Rita Lavelle, and a doctor who studies the effects of toxic chemicals on health. Describes some different ways people can get waste sites cleared up and demonstrates how some industries have taken the suggestions of the citizens' groups with promising results. (KAUFMN;c1983)

Environmental protection; Pollution

### HENRY FORD'S AMERICAN DREAM

30 min; color; i,j,h

1/2" VHS **CC3638,VH**

Knowzone Series - Examines the life of industrial genius Henry Ford, from the boy who tinkered with machines and designed a "horseless carriage" to the man who developed new manufacturing techniques that profoundly influenced American society. Hosted by David Morse. (WGBHTV;CORT;r1987)

Industrialization; Inventors

### HOLE IN THE SKY

58 min; color; h,c,a

1/2" VHS **FC1600,VH**

Nova Series - Accompanies scientists on a hazardous midwinter expedition to Antarctica to investigate a hole in the earth's ozone layer over the South Pole. Attempts to determine whether the thinning of this layer is a natural phenomenon or the result of release into the atmosphere of chlorofluorocarbons, man-made chemicals found in refrigerants and aerosols. Considers possible hazards resulting from a reduction in the earth's protective atmosphere. *Closed Captioned.* (WGBHTV;CORT;r1987)

Atmosphere; Pollution

### HOLE IN THE SKY: THE OZONE LAYER

52 min; color; h,c,a

1/2" VHS **FC1736,VH**

Examines the alarming depletion of the Earth's ozone layer. Each new analysis of data indicates that the hole is larger and growing more rapidly than had been projected; now it is not only the poles and the northern hemisphere that are having to deal with sharply decreased protection from the sun's harmful ultraviolet rays—a significant and frightening drop of 10% has already been recorded at the equator. (GONELIA;FFHS;c1993)

Atmosphere; Pollution

### HOMELAND

87 min; color; h,c

1/2" VHS **CC6581,VH**

Follows four groups of Native American activists involved in the preservation of native lands and populations that are threatened by various business interests and related environmental impact. Follows the fight on the Cheyenne Indian reservation to preserve tribal lands from exploitation by energy companies. Covers the efforts of the Arctic Village in Alaska to keep drilling out of the Arctic Wildlife Refuge, which contains vital calving and migration areas for caribou, on which the Gwich'in people depend for survival. Chronicles the struggle of Navajos in Crownpoint NM to avoid uranium mining on their land, which would poison their water supply. Examines the Penobscot people's fight for sovereignty and the right not to be destroyed by irresponsible paper companies. (BULFROG;r2005)

Environmental protection; Indians of North America; Pollution; U.S.—Politics and government

### HOT ENOUGH FOR YOU?

60 min; color; h,c,a

1/2" VHS **NC1902,VH**

Nova Series - Examines questions pertaining to the greenhouse effect. Describes the role of carbon dioxide in determining climatic conditions and points out dramatic increases in carbon dioxide content in the atmosphere. Presents computer models of global warming projections, and current research on clouds and on the ocean's capacity to absorb carbon dioxide. Addresses potential effects of global warming—drought patterns, rising sea levels, and damage to plant life. Describes international efforts to reduce levels of carbon dioxide in the atmosphere. *Closed Captioned.* (WGBHTV;CORT;c1989)

Atmosphere; Climate; Pollution

### HUMAN INFLUENCE

20 min; color; h,c,a

1/2" VHS **NC1786,VH**

Evolution Series - Examines the effect that man has had on the plants and animals that inhabit the world and how species are being changed by artificial selection caused by man's perceived needs. Gives reasons for preserving the gene pool. (FFHS;r1984)

Ecology; Evolution

### I USED TO WORK IN THE FIELDS

24 min; color; h,c

1/2" VHS **CC5013,VH**

Third World Development Series - Examines the rapid industrialization of Malaysia, and the effect it is having on the traditional culture and on the predominantly female work force. Notes that Malaysia has moved very quickly from an agricultural economy to a cash-based one, and that as a result agriculture has been neglected. Discusses the benefits and drawbacks of this change to women, who make up the bulk of the factory work force in Malaysia. Considers the increase in mechanization and the lack of unions, and argues that men rather than women are being trained for future jobs in the factories as either managers or operators. (SHEFMEG;MEDG;c1992)

Agriculture—Economic aspects; Economic development; Industrialization; Malaysia; Women

### IN OUR CHILDREN'S FOOD

56 min; color; h,c,a

1/2" VHS **HC1504,VH**

Frontline Series - Traces the 30-year history of U.S. pesticide use, regulation, and scientific study and explores what is and is not known about the risks of agricultural chemicals in our food. Points out that the government has failed to certify the safety of pesticides and the only source of data on pesticide safety is the pesticide industry. *Closed Captioned.* (KOUGHMA;PBSV;c1993)

Food supply; Pest management; Pollution

### IN PARTNERSHIP WITH EARTH: THE FUTURE OF THE ENVIRONMENT

60 min; color; c,a

1/2" VHS **NC2118,VH**

Demonstrates the innovative steps some companies, states, and private citizens are taking to prevent pollution at the source. Includes segments on agriculture, the EPA, and community recycling. Features former EPA administrator Bill Reilly and singer-songwriter John Denver as on-camera narrators. (EPA;PPIC;c1990)

Environmental protection; Pollution

## Environmental Problems

### IN THE ASHES OF THE FOREST, PART 1

55 min; color; h,c,a

1/2" VHS **CC5234,VH**

The Decade of Destruction series - Chronicles the circumstances leading to the devastation of the Brazilian rain forest in the ten years from 1980 to 1990. Explains how the government initiated the colonization by offering free land to those who would clear it and build on it. Recounts the tales of families who had to contend with Indian attacks and poor quality soil that would not yield good crops. Follows an expedition led by the Indian Agency up-river to meet with the Indians to attempt peaceful contact. Documents the attempts to locate one man's seven year old son who was taken by the Indians. (COWELAD;BULFROG;c1990)

Brazil; Environmental protection; Forests and forestry; CLACS

### IN THE ASHES OF THE FOREST, PART 2

55 min; color; h,c,a

1/2" VHS **CC5235,VH**

The Decade of Destruction series - Continues the story of the devastation of much of Brazil's rain forest during the 1980's. Examines the problems of massive deforestation and destruction caused by a project initially aimed at making a better world for the poor in Brazil. Confronts the effects of increased contact between the land settlers and the indigenous people, resulting in outbreaks of disease, causing the death of one in six Indians. Talks with Jose Lutzenberger, Secretary of the Environment, who identifies flaws in the scheme. Debates the role of the World Bank in lending money for the ill-conceived Polar Neste Project to pave a road through the forest. (COWELAD;BULFROG;c1990)

Brazil; Environmental protection; Forests and forestry; Political science; CLACS

### IN THE LIGHT OF REVERENCE

73 min; color; j,h,c,a

1/2" VHS **CC6000,VH**

Looks at three Native American Indian tribes—Lakota, Wintu and Hopi—and their struggle to protect sacred places from land developers, rock climbers, tourists and New Age religious practitioners. Traces each tribe's land treaty history with the U.S. government. Describes the stipulations and results of the 1978 American Indian Religious Freedom Act. Includes interviews with Indian tribal leaders and elders, government officials, land developers and others. Shows how non-Indian groups, such as the Sierra Club and the Clinton administration, have teamed up with the Indians to help protect Indian sacred lands. (BULFROG;c2001)

Culture conflict; Indians of North America; Natural resources; Religion

### INDIGENOUS PEOPLES: STANDING THEIR GROUND SERIES

FLAMES IN THE FOREST [NC2123]

#### AN INVISIBLE ENEMY

52 min; color; c,a

1/2" VHS **CC4356,VH**

Disappearing World Series - Portrays the Sami people and their way of life herding and harvesting reindeer in Norway. Explains the ecologically devastating events set into motion by the Chernobyl reactor explosion that eventually resulted in the radioactive contamination of the reindeer's food chain. Shows the extent to which the Sami livelihood and culture are at risk of extinction as a result of Chernobyl and other factors beyond their control. (GRADA;FI;c1987)

Anthropogeography—Europe; Atomic energy; Norway; Pollution

### THE IROQUOIS SPEAK OUT FOR MOTHER EARTH

50 min; color; h,c,a

1/2" VHS **CC6492,VH**

Four members of the Iroquois nation speak about their concerns for the environment. Each speaker is able to elucidate how their culture understands the relationship between humans and nature. In addition, issues regarding the need for strong leadership, in both Native American communities and on a global scale are discussed, as well as the influence of elders in Native American society and the importance of a strong oral tradition in developing knowledge. Features Senecas Clayton Logan and John Mohawk and Onondagas Audrey Shenandoah and Oren Lyons. A documentary by Danny Beaton, a Mohawk of the Turtle Clan. (BEATODA;c2001)

Environmental protection; Folklore; Indians of North America; Religion—Philosophy; Philosophy (CPI)

### JESSICA TUCHMAN MATHEWS

28 min; color; c,a

1/2" VHS **EC2373,VH**

Bill Moyers World of Ideas Series - Presents an interview between Bill Moyers and Jessica Tuchman Mathews, a biochemist and biophysicist. Discusses her role as an activist working to ensure the health of the planet. Explains Mathews' research, which shows that Earth's condition is deteriorating as a result of deforestation and the burning of fossil fuels, which may result in the possibility of catastrophic extremes in weather. Suggests that advances in technologies and international cooperation are necessary if the world is to save itself from ecological disaster. (KNULKAR;PBSV;c1988)

Ecology; Environmental protection

### THE KAYAPO: OUT OF THE FOREST

52 min; color; c,a

1/2" VHS **CC4344,VH**

Disappearing World Series - The destruction of Brazil's Amazonian rain forest now threatens the existence of its native peoples. The Kayapo Indians have gained international recognition for their bold political resistance and for the reassertion of their traditional cultural identity. (GRADA;FI;c1989)

Anthropogeography—South America; Brazil; Environmental protection

### KILLING FOR LAND

55 min; color; h,c,a

1/2" VHS **CC5236,VH**

The Decade of Destruction series - Chronicles the land wars occurring in rural Brazil where the rain forest is being cleared for cattle-ranching and agribusiness. Documents the plight of squatters, poor Brazilians desperate for land, against professional gunmen hired by the ranchers to drive them off. Investigates the assassinations of several squatters and asserts that none of those who commissioned the murders has been brought to trial. Follows the results of an election where land reform is a prominent issue. (CENITV;BULFROG;c1990)

Brazil; Environmental protection; Population; Regional planning; CLACS

### KILLING GROUND

52 min; color; j,h,c,a

1/2" VHS **CC3465,VH**

Illustrates the problems and controversies surrounding one of the nation's most serious environmental issues—toxic chemical wastes. Uses four case studies of toxic waste dumps to show how death and disease-causing substances are poisoning the land, seeping into municipal water supplies, and endangering life. Explores some of the reasons why governmental agencies have failed to deal effectively with chemical dumping—lack of money, lack of personnel, resistance from industry, and complexity of regulations. (ABC;CORT;c1979)

Environmental protection; Pollution

## Environmental Problems

### KINGDOM OF THE THIRD DAY

31 min; color; h,c,a

1/2" VHS **CC4251,VH**

Battle for the Planet Series - Discusses the severity of worldwide water pollution caused chiefly by man's harmful mismanagement of nuclear and industrial wastes. Offers sobering facts, educated opinions, and graphic footage that advocate increased public awareness and support international regulation of the oceans. (NFBC;INUISS;r1991)

International economic relations; Pollution; Water and water supply

### KNOWZONE SERIES

*For descriptions see individual titles:*

THE GREAT OIL DISASTER [CC3637]

HENRY FORD'S AMERICAN DREAM [CC3638]

### LAST SHOW ON EARTH SERIES

Explores a variety of problems surrounding species extinction while promoting the use of captive breeding programs coupled with simultaneous clean up and regeneration of habitats to aid in wildlife populations recovery. Shows that the problem of not enough manpower is the cause of the inability to stop poaching of endangered animals in the wild while the demand for wildlife encourages poachers and human population pressures destroy habitats. Presents various philosophies of concern for the earth and the environment through interviews, narration, and footage of markets and poached animals to illustrate points.

### ENDANGERED CULTURES (LAST SHOW ON EARTH PART 3)

27 min; color; h,c,a

1/2" VHS **NC2165,VH**

Explores the environmental problems caused by cultural disrespect for plant and animal life as well as for the lives of people in sustainable cultures. Focuses on Chinese cruelty to animals and China's abuse of the Tibetan people, the Japanese and British responsibility for deforestation in developing countries, and the American responsibility for global warming caused by the burning of fossil fuels. Points out that lack of constraints on population growth and technology, and the destruction of natural resources will put the future of the human race in question. Uses documentary footage and narration by Kenneth Branagh as well as interviews with executives and governmental ministers from Japan, Taiwan, and China; a NASA scientist; an American animal rights activist in China; an English environmentalist; and a veterinarian at the Animal Medical Center in Taiwan. (CRAWFPH;CENITV;BULFROG;c1992)

Animals-Treatment; Environmental protection

### REGAINING BALANCE (LAST SHOW ON EARTH PART 4)

25 min; color; h,c,a

1/2" VHS **NC2166,VH**

Asserts that we will not conserve the environment without incentives. Explores several possible examples of constructing cooperation between people and their environment: the use of controlled hunting in Africa to stop poaching and generate revenues; the consideration of the needs of the people in India as a basis for conservation and sustainability; and, in America, the encouragement of private ranchers to allow wildlife to return to their land in order to create a better conservation system than that offered by public property. Concludes by reporting quotes from interviews taken from the entire series and by stating that major political decisions must be made to ensure the survival of the human race. Uses interviews with a big game hunter, conservationists in India and the American West, Chief Red Cloud, and Simon Lyster of the World Wildlife Fund in addition to documentary footage and narration by Kenneth Branagh. (CRAWFPH;CENITV;BULFROG;c1992)

Environmental protection

### THE LAST STAND

57 min; color; c,a

1/2" VHS **NC2334,VH**

Follows the debate over developing the Ballona Wetlands, one of the last wetlands in southern California, into a residential and commercial district. Interviews activists, developers, scientists, DreamWorks personnel, politicians, and authors. Emphasizes negative implications of developing the wetlands for human and animal life. (LAFFESH;VIDEOPR;c1998)

Conservation of natural resources; Economic development; Environmental protection

### LEAD POISONING: WHAT EVERYONE NEEDS TO KNOW

15 min; color; i,j,h,c,a

1/2" VHS **HC1526,VH**

Presents basic information about lead poisoning in the United States, focussing on protection of children. Explains why lead poisoning occurs so frequently and why children are especially vulnerable and sets forth the basic steps to take to avoid it. Touches on the possible physical and mental effects of lead poisoning in both children and adults. Uses primarily voice-over narration, illustrative real-life footage, and some short interviews. (NEWSTRN;ALTSCHG;c1993)

Children-Care and hygiene; Pollution; Public health; Safety education

### MAN AND THE BIOSPHERE SERIES

ECOLOGY OF THE CORAL REEF [NC2143]

### METROPOLIS SERIES

A BIG STINK: CITY SEWER SYSTEMS [CC5893]

### MILLENNIUM: TRIBAL WISDOM AND THE MODERN WORLD SERIES

Journey with anthropologist David Maybury-Lewis into the lives and cultures of people from all corners of the earth to explore values essential to human life-harmony, humility and tolerance. Celebrates our similarities and differences as human beings and explores what we can learn from today's tribal societies and from each other.

AN ECOLOGY OF MIND [CC4653]

## Environmental Problems

### MOHAWK WISDOM KEEPERS

43 min; color; h,c,a

1/2" VHS **CC6491,VH**

Six members of the Mohawk tribe speak about their concerns for the environment as well as issues related to identity and sovereignty, language, and education. The influence of elders in Native American society and the influence of a strong oral tradition in developing knowledge are also discussed. Harriet Jock, Judy Swamp, and Tom Porter, all of the Akwesasne Reserve, Canada, speak of medicines, the great law of peace, and keeping the world sacred for the future seven generations. A documentary by Danny Beaton, a Mohawk of the Turtle Clan. (BEATODA;c1999)

Canada—Social life and customs; Environmental protection; Folklore; Indians of North America; Religion—Philosophy; Philosophy (CPI)

### MONUMENTAL: DAVID BROWER'S FIGHT FOR WILD AMERICA

74 min; color; j,h,c,a

1/2" VHS **CC6505,VH**

Follows the life of David Brower, an environmentalist and preservationist, through his fights to save Yosemite Valley and some of the United States' most famous and inspiring national parks. Traces the history of the Sierra Club from a mountaineering club to an active environmental organization and Brower from an outdoors enthusiast to a politically formidable lobbyist for environmental issues. Traces Brower's many efforts to prevent the destruction of such prized ecological habitats as the Grand Canyon and California's redwood forests, and identifies many of the current conservation and preservation issues still being debated. Includes footage of many scenic locations, including some taken by Brower himself. Includes comments by Stewart Udall, former Secretary of the Interior, on Brower's lasting influence. (BULFROG;c2004)

Conservation of natural resources; National parks and reserves; U.S.—Biography

### MOOT COURT GUEST LECTURE: PAUL SIMON

color; c,a

1/2" VHS **EC2991,VH**

Presents a lecture given by former US Senator Paul Simon on the public policy issues involved in the decreasing water supply both nationally and internationally. Presented on March 6, 2003, at Indiana University as part of the Chancellor's Forum Lecture series. After introductions by Alex Cartwright and Jeff White of SPEA, Senator Simon, author of *Tapped Out: The Coming World Crisis in Water and What We Can Do about It*, cites statistics on the effects of global water shortages and predicts that within 15 years, water shortages will be more severe than oil shortages today. Mentions contamination of water by agricultural runoff, including the Fort Wayne, IN, water supply. Urges US citizens to become more sensitive to the global community and to practice water conservation, as the nation consumes more water than any other country, with only 4% of the world's population. (INUCHAN;c2003)

Conservation of natural resources; Public health; Water and water supply

### NATIONAL GEOGRAPHIC STRANGE DAYS ON PLANET EARTH

220 min; color; h,c,a

DVD **NC2432,DV**

Documents a variety of potentially profound shifts in the global environment and the network of connections between seemingly disconnected symptoms and events. Hosted by actor Edward Norton. The four episodes (two per disc) tackle major environmental issues. Disc 1, Part 1: Invaders: Increased mobility has resulted in species invading new areas at unprecedented rates, with the potential for catastrophic effects. Focuses on the impact of Chinese termites, brought in imported wood, in New Orleans; insect-borne diseases in Uganda increasing with the introduction of water hyacinth in Lake Victoria; fire ants and killer bees in the continental U.S.; and various invasive species in Hawaii. Part 2: The One Degree Factor: Scientists have determined that burning carbon fuels have raised climatic temperatures an average of one degree worldwide. In some areas of Alaska, the average temperature has gone up 11 degrees F., with devastating consequences to caribou. Also traces the effects of warmer ocean temperatures on zooplankton and the increase in asthma cases in the Caribbean as a result of dust blown from dried-up lakes in Chad. Points out that reducing energy consumption could improve these problems. Disc 2, Part 1: Predators: Documents the demise of top predators when Venezuela's rivers were dammed to produce electricity and the subsequent environmental problems. Follows the re-introduction of the wolf into Yellowstone Park, and its effect on hundreds of other species. By killing elk, wolves are reshaping the landscape. Shows how the overfishing of large predatory fish in Jamaica has resulted in dying coral reefs. Part 2: Troubled Waters: Shows research in Wyoming, where leopard frogs are being impacted by weed killers. Dead whales in the St. Lawrence Seaway have so many chemicals in them that they are considered hazardous waste themselves. Suggests that high miscarriage rates and poor sperm quality in people living in rural areas of Missouri are due to farm chemicals that are not removed by water treatment plants. Shows the work of Georgia's Tom Meagher in adding bacterial genes to plants to extract toxins like mercury from the soil to keep dangerous chemicals sequestered from the water supply. In Australia, shows how destruction of the Great Barrier Reef by the crown-of-thorns starfish has been abetted by nitrogen runoff from sugarcane fields. Replacing some of the sugarcane with trees that can stop the runoff has been helpful. (PBSV;c2005)

Climate; Environmental protection; Pollution

### NATURAL CONNECTIONS

46 min; color; j,h,c,a

1/2" VHS **NC2383,VH**

Explores the dynamic relationship between humans and their natural surroundings. Warns of the variety of human habits which endanger biodiversity. Emphasizes the interconnection of all species and identifies the term "keystone species" as those species having a critical effect on an entire ecosystem. Visits a Costa Rican tropical rainforest and Tatoosh Island off the Washington coast to illustrate the vivid life forms extant there. Includes interviews with Edward O. Wilson, known as the father of biodiversity and Dr. Robert Paine, the man who coined the phrase "keystone species." (BULFROG;c1999)

Conservation of natural resources; Ecology

## Environmental Problems

### THE NATURE OF BUSINESS: PARTNERING WITH THE ENVIRONMENT

28 min; color; c,a

1/2" VHS **NC2412,VH**

Considers whether the world's natural resources can continue to support unlimited economic growth. Contrasts the problem of "externalization of cost," which only considers exchange value, with the concept of a "triple bottom line," which considers social and environmental responsibility as well as profits. Promotes the need to produce benign emissions, eliminate waste, and find renewable energy. Discusses the role of governments in these efforts, and considers whether businesses can still make a profit if they make an effort to achieve sustainability. Based on a discussion among James Wolfensohn, president of the World Bank; Ray Anderson, CEO of Interface, Inc.; Dr. Michael Otto, chairman of the Otto Group, and Sir John Browne, Group Chief Executive of British Petroleum. (FFHS;c2003)

Business; Conservation of natural resources; Economic development

### THE NATURE OF THINGS SERIES

*For descriptions see individual titles:*

THE COLLAPSE OF THE ARAL SEA ECOSYSTEM [CC6092]

### NATURE OF THINGS SERIES, WITH DAVID SUZUKI

GLOBAL WARMING: TURNING UP THE HEAT [GC1766]

WHEN IS ENOUGH, ENOUGH? THE APPETITE FOR OIL [NC2431]

### NOVA SERIES

*For descriptions see individual titles:*

ACID RAIN, NEW BAD NEWS [CC3904]

ARE YOU SWIMMING IN A SEWER? [CC3611]

THE BIG SPILL [NC2018]

DO WE REALLY NEED THE ROCKIES? [GC1576]

HAWAII—CRUCIBLE OF LIFE [CC3907]

HOLE IN THE SKY [FC1600]

HOT ENOUGH FOR YOU? [NC1902]

### NUCLEAR DYNAMITE

72 min; color; h,c,a

1/2" VHS **FC1828,VH**

Investigates the efforts of American and Soviet scientists to use nuclear energy for geographical engineering: planetary scale landscape modification with atomic explosives. Documents the history and impact of Project Plowshare, a federal program designed to use atomic explosives for peaceful purposes such as creating man-made harbors and instant canals. Illuminates these efforts through the use of footage from American and Soviet archives as well as interviews with scientists like Edward Teller, the founder of Plowshare. Traces the roots of the environmental movement kindled by growing fear of the effects of radioactive fallout from the numerous experimental explosions. (BULFROG;c2000)

Atomic energy; Engineering; Environmental protection; Geography

### OIL ON ICE

58 min; color; h,c,a

1/2" VHS **NC2441,VH**

Uses a mixture of archival and current footage to argue that drilling in the Arctic National Wildlife Refuge will have extremely negative impacts on wildlife and natural resources. Uses the Exxon Valdez oil spill as an example of the oil industry's negligence and juxtaposes public relations film from Exxon with testimony from local fishermen and environmentalists. Meanwhile members of the Gwich'in people argue that the ANWR is a vital breeding ground for wildlife at risk of being destroyed if the area is opened up for drilling. Interviews with local and state government officials help convey the state's dependence on the oil industry to help generate revenue. Narrated by Peter Coyote. (BULFROG;c2004)

Alaska; Conservation of natural resources;

Environmental protection; Petroleum; Pollution; Wildlife conservation

### ONLY ONE EARTH SERIES

Shows how the world's life-sustaining environment is being eroded at an ever-increasing pace. Looks at global ecology by exploring and demystifying the links between environment and development. Illustrates the detrimental clashes between economics and ecology. Presents positive examples of how to achieve development without harming the environment. *For descriptions see individual titles:*

BIG FISH, LITTLE FISH [NC1958]

### OUR URBAN ENVIRONMENT SERIES

#### WASTE GENERATION AND WASTE CHARACTERIZATION

28 min; color; c,a

1/2" VHS **NC2361,VH**

Provides an overview of the eight-part series and defines basic concepts related to solid waste. Points out that these discarded materials are being generated at an increasing rate—now 4-5 pounds per person per day—and that our "throw away society" demands new solutions. Explains some of the issues involved in total, integrated solid waste management systems, such as the economics, technical feasibility, and the public's role. Points out the necessity of long-term planning, and shows the recycling of concrete, tires, and "green" waste, such as leaves. Interviews William J. Mollere, administrator of a solid waste program in Louisiana; Marty Tittlebaum, professor of civil and environmental engineering at the University of New Orleans; Bill Robertson, recycling coordinator for Shreveport, LA; and Mark Pope, recycling specialist for Lafayette, LA. Narrated by Dr. John Sutherlin. (UNEWORL;c1999)

Pollution; Recycling (Wastes, etc.); Refuse and refuse disposal

## Environmental Problems

### COLLECTION, TRANSFER AND DISPOSAL

28 min; color; c,a  
1/2" VHS **NC2362,VH**

This eight-part series looks at how communities can implement total integrated solid waste management programs, and shows successful examples around Louisiana. Episode Two discusses necessary choices between curbside collection and drop-off centers, and discusses the cost of transfer, particularly to remote locations. Compares the use of landfills to incinerators. Points out that though Louisiana had around 900 dumps in 1981, there are only 24 legally permitted ones today, because of increased liability. Explains the role of the Resource Conservation Recovery Act in the creation of more sanitary landfills. Shows how many communities are subcontracting waste removal and disposal to private companies. Discusses issues involved with landfill management, such as site, funding, operation, maintenance, monitoring, and closure. Interviews William J. Mollere, administrator of Louisiana's state Solid Waste Division; Marty Tittlebaum, professor of civil and environmental engineering at the University of New Orleans; Bill Robertson, Recycling Coordinator for Shreveport; Gerald Broussard, Director of Municipal Services for Lake Charles; and Karla Swacker, Market Division Manager for BFI waste disposal company. Narrated by Dr. John Sutherlin of the Urban Waste management and Research Center at the University of New Orleans. (UNEWORL;c1999)

Recycling (Wastes, etc.); Refuse and refuse disposal

### BUSINESS RECYCLING AND WASTE MINIMIZATION

28 min; color; c,a  
1/2" VHS **NC2363,VH**

This eight-part series looks at how communities can implement total integrated solid waste management programs, and shows successful examples in Louisiana. Episode Three looks at ways to increase business recycling and waste minimization. Defines waste minimization as efforts to curtail the creation of waste, such as decreasing packaging and re-using items. Encourages "eco-shopping," buying recycled or "greener" products, and businesses' re-use of materials on site. Discusses waste exchange programs between companies, and taxes and fees levied on companies producing certain kinds of waste. Suggests recycling centers at schools, which educate the next generation about recycling, reach parents through their children, and generate money for the schools. Talks about the importance of communities starting Recycling Task Forces to choose and implement successful strategies. Interviews Marty Tittlebaum, professor of civil and environmental engineering at the University of New Orleans; Bill Robertson, Recycling Coordinator for Shreveport, LA; Karen Fisher-Brasher, Program Manager of the state's Solid Waste Division, Nicholas Auck, environmental specialist; Tim Thompson, principal of Stockwell Place elementary school in Bossier City, LA; Randle Hunt-Moore, Central Louisiana Recycling coordinator in Alexandria; and Susan Hamilton, Recycling Director of East Baton Rouge Parish. Narrated by Dr. John Sutherlin of the Urban Waste Management and Resource Center at the University of New Orleans. (UNEWORL;c1999)

Recycling (Wastes, etc.); Refuse and refuse disposal

### RESIDENTIAL RECYCLING

30 min; color; c,a  
1/2" VHS **NC2364,VH**

This eight-part series looks at how communities can implement total integrated solid waste management programs, and shows successful examples in Louisiana. Episode Four focuses on residential recycling, discussing different community programs: curbside, drop-off, and mobile units. Explains three requirements of successful programs: great public support, ongoing educational efforts, and a voluntary basis. Points out the importance of educating children to reach their parents. Explains the impacts on participation rates, including convenience, education about the benefits, and education about how to recycle. Success can be measured in amount recycled, participation rates, and costs. Reviews the different materials that can be recycled and discusses their fluctuating market value. Compares costs of landfills versus recycling, and notes the dilemma of whether to locate a Materials Recycling Facility in the community or on its outskirts. Interviews Marty Tittlebaum, professor of civil and environmental engineering at the University of New Orleans; Bill Robertson, Recycling Coordinator in Shreveport, LA; Gerald Broussard, Director of Municipal Services in Lake Charles, LA; Karla Swacker, Market Division Manager at BFI; Elizabeth Tarver, Environmental Project Specialist; Jake Philmon, Waste Management, Lake Charles, LA; and Susan Hamilton, Recycling Director of East Baton Rouge Parish. Narrated by Dr. John Sutherlin of the Urban Waste Management and Research Center at the University of New Orleans. (UNEWORL;c1999)

Recycling (Wastes, etc.); Refuse and refuse disposal

### COMPOSTING

30 min; color; c,a  
1/2" VHS **NC2365,VH**

Looks at how communities can implement total integrated solid waste management programs, with examples from around Louisiana. Episode 5 focuses on composting, which is defined as putting natural waste, such as leaves, lawn clippings, small limbs, and sawdust into static piles in order to let nature break it down into organic matter. Considers the pros and cons of individual, backyard compost bins versus a large community location, and points out that different areas will have different programs, based on climate and other considerations. Discusses the importance of educating the community about how to compost. Interviews Marty Tittlebaum, professor of civil and environmental engineering at the University of New Orleans; Bill Robertson, Recycling Coordinator in Shreveport, LA; Susan Hamilton, Recycling Director for East Baton Rouge Parish; Mark Pope, Recycling Specialist for Lafayette, LA; and Karen Fisher-Brasher, program manager at the state Solid Waste Division. Narrated by Dr. John Sutherlin of the Urban Waste Management and Research Center at the University of New Orleans. (UNEWORL;c1999)

Recycling (Wastes, etc.); Refuse and refuse disposal

## Environmental Problems

### SPECIAL WASTE

28 min; color; c,a  
1/2" VHS **NC2366,VH**

Looks at how communities can implement total integrated solid waste management programs and showcases Louisiana's successes. Episode 6 examines the disposal of special wastes, such as tires, household hazardous wastes (paint thinners, oils, and pesticides), and appliances, which can cause great damage to regular landfills. Shows special sites where people can drop materials off and special collection days, where people bring materials to specific locations where skilled technicians dispose of them in hazardous waste landfills or in incinerators. Despite efforts to keep industrial and household hazardous wastes out, regular landfills must take precautions against them such as checking groundwater, covering materials, and installing special liners. Discusses the special disposal problems of appliances and tires. Points out that disposing of special wastes requires public education, public support, and collaboration between the public and private sectors. Interviews Marty Tittlebaum, professor of civil and environmental engineering at the University of New Orleans; Mark Pope, Recycling Specialist for Lafayette, LA; Tim McQueen, Technical Manager at Philips Services-Eltex Chemical; Albert Mobley, a chemist; Karla Swacker, Market Division Manager at BFI; and William J. Mollere and Karen Fisher-Brasher of the state Solid Waste Division. Narrated by Dr. John Sutherlin of the Urban Waste Management and Research Center at the University of New Orleans. (UNEWORL;c1999)

Pollution; Recycling (Wastes, etc.); Refuse and refuse disposal

### REGIONALIZATION

28 min; color; c,a  
1/2" VHS **NC2367,VH**

Examines how communities can implement total integrated solid waste management programs, and showcases successes in Louisiana. Episode 7 focuses on regionalization—the pooling of resources across political boundaries to maximize the benefits of a program, such as two or more communities sharing a recycling or composting center or a landfill. Regionalization decreases costs, helps pool expertise, and can supply services that a single entity might otherwise be unable to provide. Shows partnerships across communities in New Orleans and in 13 parishes in central Louisiana. Points out that Louisiana was able to reduce its number of landfills through regionalization. Lists possible political hurdles, and suggests that naturally-developing partnerships are more likely to succeed than forced ones. Interviews Marty Tittlebaum, professor of civil and environmental engineering at the University of New Orleans; Karla Swacker, market division manager at BFI; William J. Mollere, administrator for the state Solid Waste Division; Elizabeth Tarver, environmental project specialist; and Jake Philmon, head of waste management in Lake Charles, LA. Narrated by Dr. John Sutherlin of the Urban Waste Management and Research Center at the University of New Orleans. (UNEWORL;c1999)

Recycling (Wastes, etc.); Refuse and refuse disposal

### CONCLUSION

30 min; color; c,a  
1/2" VHS **NC2368,VH**

Examines how communities can implement total integrated solid waste management programs, with examples of successes in Louisiana. Episode 8 summarizes the topics covered in the previous segments such as waste generation, collection, business recycling, and composting. Looks at issues of cost, technical limitations, and the need for communication. Explains the benefits of a good total integrated solid waste management program and visits such success stories as Shreveport's mobile recycling unit, Alexandra's voluntary program involving several parishes, Lake Charles' incinerator, Lafayette's compost program, and Baton Rouge's public-private partnership. Lists the five factors of a successful program: a plan, lots of public support, significant participation, public-private partnerships, and persistence. Interviews Marty Tittlebaum, professor of civil and environmental engineering at the University of New Orleans; Karla Swacker, market division manager at BFI; William J. Mollere and Karen Fisher-Brasher of the state Solid Waste Division; Mark Pope, recycling specialist for Lafayette; Susan Hamilton, recycling director at East Baton Rouge Parish; Gerard Broussard, director of municipal services in Lake Charles; and Bill Robertson, recycling coordinator for Shreveport. Narrated by Dr. John Sutherlin of the Urban Waste Management and Research Center at the University of New Orleans. (UNEWORL;c1999)

Pollution; Recycling (Wastes, etc.); Refuse and refuse disposal

### OUR VANISHING FORESTS

27 min; color; h,c,a  
1/2" VHS **NC2162,VH**

Argues against continuing the practice of clear cutting timber in the National Forests. Discusses the history of the Forestry Service, and explains what the original principles and methods of forest management were. Considers reasons why the policy changed from selective cutting to clear cutting. Offers several arguments which support ending clear cutting on public land. Suggests replacement jobs for those lost if clear cutting in the National Forests were forbidden. (PUBCOMI;BULFROG; c1992)

Conservation of natural resources; Forests and forestry; National parks and reserves; U.S.—Politics and government

### OUR VANISHING WILDERNESS SERIES

Two films showing the intricate relationship between humans and their natural environment. Created by naturalists Shelly and Mary Grossman and John Hamlet, based upon their book by the same title. *For descriptions see individual film titles:*

THE CHAIN OF LIFE [NC1235]

THE PRAIRIE KILLERS [NC1230]

### PERSPECTIVE SERIES

*For descriptions see individual titles:*

ACID RAIN [NC2040]

### PLANET EARTH: THE THIRD MILLENNIUM SERIES

ECOSYSTEMS ON EARTH [NC2421]

## Environmental Problems

### POLLUTION PREVENTION COMPENDIUM

164 min; color; c,a

1/2" VHS **NC2146,VH**

Provides a selection of short films on efforts in pollution prevention, control, and treatment by various government agencies and industries, with commentaries from government authorities, industry executives, researchers, politicians, and others. Starts with information on the Environmental Protection Agency (EPA), its units, goals, programs, and research on pollution prevention. Second is "Hazardous Waste Problems," which presents information on hazardous waste minimization efforts by businesses, highlighting the cost and benefits, as well as government initiatives. Third is "In Partnership with Earth," which examines the sustainability question and provides information on the emergence and development of environmental pollution control efforts within the legal, political and social agendas. Portrays institutional, individual, and industrial efforts and exemplary practices and interviews former Senator Gaylord Nelson. Narrated by John Denver. Fourth, "Handling Toxic Waste," examines efforts, initiatives, and innovative technologies developed to eliminate or reduce hazardous material, highlighting the role of public responsibility. (PPIC)

Environmental protection; Pollution

### POWER PLAY SERIES

#### CHOKING IN THE FAST LANE

58 min; color; c,a

1/2" VHS **CC6595,VH**

Explores various aspects of the petroleum market, particularly the extent to which the modern world's economy depends on this single product. Discusses the demand for oil and its history of use in the last century. Covers significant events such as President Roosevelt's agreement with the Saudis in 1940 to provide the United States with petroleum imports and the 1973 oil embargo. Discusses the strategic value of oil as it relates to the US industrial-military complex. Also covers the environmental impact of oil, with reference to several oil spills including the Exxon Valdez disaster, as well as addressing the exploration and tapping of new-found oil reserves in the North Sea and how the discovery of oil affects the economy and politics of local communities. (LAEM;c2006)

Energy conservation; Industrialization; Petroleum

#### ENERGY

58 min; color; c,a

1/2" VHS **CC6596,VH**

Emphasizes the link between energy and economics, as well as that between the standard of living and energy consumption. Considers the implications of the U.S. being the world's largest consumer of oil. Cites climate change, not scarcity, as the greatest problem with fossil fuels and makes dire predictions about the future climate, based on interviews with a number of experts. (LAEM;c2006)

Energy conservation; Industrialization; Power resources

### THE PRAIRIE KILLERS

30 min; color; h,c,a

1/2" VHS **NC1230,VH**

Our Vanishing Wilderness Series - Shows how man is changing the ecological balance on the Great Plains by destroying animals vital to the chain of life there. Points out that the white man has already displaced the Indian, virtually annihilated the buffalo, and has begun destroying the coyote and prairie dog. Attempts to make man aware of how he is destroying his environment and, ultimately, his own survival. (WNET/13;INUISS;p1970)

Ecology; U.S.-Regions

### RACHEL'S DAUGHTERS: SEARCHING FOR THE CAUSES OF BREAST CANCER

107 min; color; c,a

1/2" VHS **HC1644,VH**

Follows a group of women, all breast cancer activists who are fighting or have survived the disease, who are on a personal mission to unearth the causes of breast cancer. They focus on the dangers of DDT exposure that author Rachel Carson's 1962 book *Silent Spring* warned of, and also discuss other issues of chemical contamination, radiation, and electromagnetic exposure which have also been implicated in breast cancer's causes. (LISAEVP; WOMENMM;c1997)

Cancer; Pollution; Public health

### RALEIGH COUNTY REVISITED: PROMISES BROKEN

20 min; color; c

1/2" VHS **CC5247,VH**

Revisits Raleigh County, West Virginia, to examine the continuing battle between strip-mining and the people who live in the rural areas. Provides commentary from individuals who argue that the strip-mining laws are not being enforced. Discusses the effects of the land slides, coal fires, water run-off, and land shifting caused by strip-mining. Looks at some of the land reclamation efforts which have been made, but asserts that regulations are not consistently enforced. (RUTHGER;c1993)

Appalachia; Environmental protection; Mines and mineral resources

### SAVE OUR LAND SAVE OUR TOWNS

57 min; color; h,c,a

1/2" VHS **CC6011,VH**

Documents the death of America's small towns and inner cities. Attributes the loss of heritage and community to the lack of urban developmental planning, increasing suburban growth and the birth of strip malls. Compares the history of American and European urban planning. Compares urban developmental planning in Oregon, Philadelphia and England. Shows how in the last forty years, America's poor have been encouraged to live in the cities, while the middle class has moved out to government-subsidized suburbs. Demonstrates how suburban growth jeopardizes American farmlands. Advocates growth management. (BULFROG;c2000)

Cities and towns-Growth; Conservation of natural resources

### THE SCIENCE SHOW SERIES

ENERGY TODAY AND TOMORROW [FC1758]

### THE SHAMAN'S APPRENTICE

54 min; color; h,c,a

1/2" VHS **CC6012,VH**

Shows how an American ethnobotanist looks for medicinal plants in the Amazon. Explains the importance of rainforests to the Earth's survival and advocates their preservation. Gives specific examples of how plants can cure illnesses and shows shamans preparing complex medicinal potions from plants. Introduces the Shaman Apprentice program, which works to pair young people with shamans to learn shamanic medicine. Includes interviews with several natives in the Suriname forest and relates their myths of the rainforest. Shows how the shaman is one of the most endangered species of the rainforest. *English subtitles.* (BULFROG;c2001)

Amazon River; Anthropology; Environmental protection; Forests and forestry; Holistic medicine; Indians of South America; CLACS

### SOUTH AMERICA SERIES

Features the diversity of South America's people: their cultures, economics, and geography. *For descriptions see individual titles:*

BRAZIL [CC4258]

## Environmental Problems

### SPACESHIP EARTH: A GLOBAL GEOGRAPHY SERIES

Takes a satellite's-eye view of the Earth, providing a unified look at the rich variety and interdependence of life and land on the planet. Makes extensive use of Earth monitoring technologies, including satellite imaging, remote sensing, sonar, and lasers. Examines such global concerns as population, climate, forest, food supplies, and oceans and rivers to show how seemingly diverse life-systems depend on each other. *For descriptions see individual titles:*

THE DISAPPEARING FORESTS [GC1705]  
FEAST OR FAMINE? [GC1706]

### SUSTAINABLE ENVIRONMENTS

34 min; color; h,c,a  
1/2" VHS **NC2275,VH**  
Provides a broad introduction to concepts relating to human relationships with Earth's ecosystems. Discusses issues of sustainability using scientific, biological and environmental terms. Examines how diversity, redundancy, and evolution affect how organisms live in changing environments. Uncovers examples of "holistic" urban design and how this impacts transportation, construction, agriculture, and lifestyles. (SANLUV; VIDEOPR;c1994)

Cities and towns—Planning; Ecology; Environmental protection

### THINKING GLOBALLY, ACTING LOCALLY ABOUT YOUR ENVIRONMENT

28 min; color; j,h,c  
1/2" VHS **NC2434,VH**  
Reviews the health and wellness implications of basic environmental issues and advises viewers on how to take action to address them. Covers population issues, fossil fuel consumption, acid rain, ozone depletion, the greenhouse effect, noise pollution, and pollution of land and water. Urges everyone to reduce, reuse, and recycle to cut down on the garbage we generate. (FFHS;c1998)  
Environmental protection; Pollution; Public health

### THIRD WORLD DEVELOPMENT SERIES

I USED TO WORK IN THE FIELDS [CC5013]

### THIRST

62 min; color; c,a  
1/2" VHS **NC2429,VH**  
Investigates the conflict between public stewardship and private profit in the management of water resources around the world. Covers arguments for both alternatives, while pointing out that third world communities are threatened when big business buys the water supply. Shows how water is becoming the catalyst for community resistance to globalization. (BULFROG;c2004)  
International business; Natural resources; Poverty; Water and water supply

### TOXIC WASTES

36 min; color; j,h,c  
1/2" VHS **CC6418,VH**  
In two segments, "History" and "Today." Briefly covers the history of toxic waste, from chronic lead poisoning in the Roman Empire, to epidemic diseases in the Middle Ages, and factory wastes in the 19th century, and the development of various treatment strategies, from vaccination and water purification, to community health programs. Then correlates the current increase in toxic waste with the development of new technologies, explaining how toxins concentrate as they move through the food chain. Explains how the E.P.A. determines safety levels for various chemical compounds. Briefly mentions the environmental disasters of Three Mile Island, Love Canal, and Times Beach. and suggests that their impact on humans was not as severe as had been predicted. Points out that "natural" pesticides may be as harmful as manufactured ones. Mentions dangers of landfills and various remediations. Describes storage methods for nuclear wastes. Urges new research on ways to produce fewer toxic wastes as well as better disposal methods and recycling techniques. (HAWKHAS;c2004)  
Pollution

### THE TWENTIETH CENTURY SERIES

*For descriptions see individual titles:*  
THE DUST BOWL [NB0755]

### UNTOLD DESIRES

54 min; color; h,c,a  
1/2" VHS **CC5782,VH**  
Uses interviews with eight Australian individuals with physical disabilities to explore issues involving sexuality, intimacy, and dating. Focuses on the psychological, physical, and societal obstacles the individuals have had to overcome in order to live emotionally fulfilling lives. Discusses such issues as privacy, choice, safety, and self-esteem. Features heterosexual, homosexual and transsexual individuals. *Note: Includes some partial nudity.* (FEFIAUF;FILMK;c1994)  
Dating (Social customs); Physically handicapped; Prejudices and antipathies; Sex education

### USE OF CONSTRUCTED WETLANDS FOR STORMWATER RUNOFF

19 min; color; c,a  
1/2" VHS **NC2304,VH**  
Shows developers, natural resource managers, community planners, educators, and the general public how properly designed and constructed wetlands moderate flow extremes and improve water quality. Points out added benefits including enhanced groundwater recharge, aesthetic appeal, and the creation of wildlife habitat. Tells how to find the needed resources to create a constructed wetland. (GOFFGAR;CORLU;c1999)  
Conservation of natural resources; Water and water supply

### VALLEY AT THE CROSSROADS

27 min; color; h,c,a  
1/2" VHS **CC6338,VH**  
Considers the economic challenges facing government policymakers when considering the benefits of growth versus the costs of urban sprawl and the need for agricultural sustainability. Explains that the San Joaquin Valley in central California is the nation's primary source of fruits and vegetables, but the soaring demand for housing in that area threatens the existence of this important agricultural resource. Provides a realistic perspective on the difficulty and importance of government policy decisions. (BULFROG;c2002)  
Agriculture—Economic aspects; Cities and towns—Planning; Conservation of natural resources; Economic development

## Environmental Problems

### **WATER AND THE DREAM OF THE ENGINEERS**

80 min; color; c,a

1/2" VHS **NC1997,VH**

Examines the relationship between engineering and environmentalism, revealing that conflicts over technology and the environment are, at root, debates about power and the promise of democracy. Contains four segments. *Water for All* documents the history of modern water and sewer systems. *Water Wars: California* explores the social conflicts of water systems in one part of the U.S. *Upstream-Downstream: New Orleans* places one system's struggle with chemical pollution in the context of history. *The Sludge Dumpers* shows how the modern use of old sewer systems poses a threat to our water environment. (CINERES;c1983)

Pollution; Water and water supply

### **WATER, WATER EVERYWHERE: THE HYDROLOGIC CYCLE**

20 min; color; h,c

1/2" VHS **GC1783,VH**

Provides a general description of the hydrologic cycle in the global environment. Demonstrates water's chemical and physical abilities to dissolve and transport minerals, nutrients and toxins. Shows how PCBs are passed up food chains, and provides other examples of water pollution and overuse of groundwater. (FFHS;c1991)

Pollution; Water and water supply

### **WHAT EVERYONE NEEDS TO KNOW ABOUT SCIENCE TODAY SERIES**

CHEMICAL CYCLES IN THE BIOSPHERE [NC2219]

### **WHEN IS ENOUGH, ENOUGH? THE APPETITE FOR OIL**

47 min; color; h,c,a

1/2" VHS **NC2431,VH**

Nature of Things Series, with David Suzuki - Examines the impact industry is having on the Peace Athabasca watershed in Alberta, Canada. Documents the fight against oil industry giants by a band of Cree Indians whose livelihood is based on the land. The Cree work together with scientists and researchers to organize and develop arguments against the oil industry and the current destruction of the natural environment. These arguments are presented at several meetings that include representatives from the oil companies and government agencies. Includes extensive footage documenting the impact on the watershed as well as interviews with members of the Cree community, environmentalists, and industry representatives. (BULFROG;c2004)

Canada-Industries; Environmental protection; Indians of North America; Petroleum; Pollution

### **WHY IS THERE A CRISIS**

50 min; color; h,c,a

1/2" VHS **NC2396,VH**

Addresses the problem of environmental exploitation, which results in a shift in the biosphere's balance. Traces changes in the bio-diversity of Hawaii, showing how small islands are particularly vulnerable to environmental exploitation. Chronicles the beginning of life on Earth, and explains the importance of bio-diversity. Relates that two-thirds of North America's animals have become extinct, and that humans caused the extinction of many large animals in North America through over-harvesting. Considers the impact of global warming. Interviews many scientists and conservationists. (FFHS;c2000)

Environmental protection; Wildlife conservation

### **WILD HEART OF RED ROCK**

26 min; color; c,a

1/2" VHS **NC2330,VH**

Explores Utah's red rock wilderness area, explaining that because it is not a designated national wilderness area, it is not protected from road development, mining exploitation, oil drilling, cattle grazing, or strip mines. Surveys all Utah's national parks as well as the vast areas of unprotected wilderness. Addresses the question of people's relationship to land and presents a historical summary of the development of the West. Discusses current environmental concerns for Utah's wilderness, such as off-road vehicle recreation, urban sprawl, development, and cattle grazing. (PROSEDO;LAMACDI;VIDEOPR;c1999)

Conservation of natural resources; Environmental protection; National parks and reserves