



Climate Change Resources: Videos

Listing of this information is intended as a resource and does not imply endorsement by EPA.

ORGANIZATION Climate Institute / Sierra Club
TITLE "Climate Report"
PRICE \$13
DATE 1996
RUNNING TIME 12 minutes
ORDERING INFORMATION Call Michelle Pena at the Climate Institute, 202-547-0104, X13 Beta, 3/4", VHS
TYPES AVAILABLE
SUMMARY "Climate Report" is designed to assist weather broadcasters in informing viewers about the science and impacts of climate change. The report includes six stand-alone segments narrated by Ira Flatow, of National Public Radio, and features state-of-the-art graphics. B-roll footage is provided to allow the viewer to edit the segments in order to air it as a series or to design a special report around one of the impact segments of particular interest to the target audience. The series features interviews with leading scientists and climatologists, such as Tom Karl, National Climatic Data Center; Dan Albritton, National Oceanic and Atmospheric Administration's (NOAA) Aeronomy Laboratory; and Jerry Mahlman, NOAA Geophysical Fluid Dynamics Lab, among others.



ORGANIZATION Greening Earth Society
TITLE "The Greening of Planet Earth"
PRICE \$15
DATE 1992
RUNNING TIME 28 minutes
ORDERING INFORMATION Order online at <http://www.greeningearthsociety.org/video.htm> or call the Greening Earth Society at 703-907-6168
TYPES AVAILABLE Beta, 3/4", VHS
SUMMARY This video provides a different point of view by describing the potential benefits resulting from an increase in atmospheric levels of carbon dioxide. Plant yields will increase by 30-40 percent, and plants will use water more efficiently (offsetting the detrimental effects of potential droughts). Trees will grow faster and bigger, and eventually sequester enough carbon to



EPA'S STATE AND LOCAL CLIMATE CHANGE PROGRAM

establish a balance with the new carbon dioxide levels. Wetland plants also will respond favorably. The Greening Earth Society disputes the negative aspects of the global warming debate, which the society says rely on theoretical, inconsistent, and very possibly incorrect computer models. In summary, according to the Greening Earth Society, the future looks bright with increased carbon dioxide levels.



ORGANIZATION Greening Earth Society
TITLE "The Greening of Planet Earth Continues"
PRICE \$15
DATE 1998
RUNNING TIME 28 minutes
ORDERING INFORMATION

Order online at <http://www.greeningearthsociety.org/video.htm> or call the Greening Earth Society at 703-907-6168

TYPES AVAILABLE
SUMMARY

Beta, 3/4", VHS
 This video provides a different point of view by describing the potential benefits resulting from an increase in atmospheric levels of carbon dioxide. Both trees and agricultural crops will see increases in growth rate, biomass, and water use efficiency (the Netherlands and other countries of the world currently grow vegetables in greenhouses under conditions of elevated carbon dioxide). In fact, the video asserts that carbon dioxide is a nutrient that is beneficial to plants. According to this video, actual measurements from weather balloons and satellites have not been consistent with what computer models have predicted. Furthermore, the times in history with high temperatures correspond to periods of high productivity.



ORGANIZATION National Geographic Society
TITLE "Investigating Global Warming"
PRICE \$99
DATE 1997
RUNNING TIME 22 minutes

ORDERING INFORMATION
 Order online at <http://www.totalmarketing.com/>

TYPES AVAILABLE
SUMMARY

VHS
 After years of research and debate, many in the scientific community agree that the Earth is in the midst of climatic change. But unlike similar changes in the past, there is evidence

to support the view that the current changes in climate are related at least in part to the actions of the planet's human inhabitants. The video raises questions such as: How do we know the climate is changing? How might global warming affect animal and plant life worldwide? Students watch scientists examine ice cores, generate computer models, and simulate a global warming scenario in Biosphere II. Finally, they learn what they can do to help slow global warming trends. The target audience is grades 7 to 9.



ORGANIZATION Schlessinger Media
TITLE "Earth at Risk: Global Warming"
PRICE \$40
DATE 1993
RUNNING TIME 30 minutes

ORDERING INFORMATION
 Call the Library Video Company at 800-843-3620

TYPES AVAILABLE
SUMMARY

VHS
 This video explains the greenhouse effect and its significance, the layers of the atmosphere and the kinds of gases that are trapped there, and the problems that occur when too many gases accumulate and begin to warm up the atmosphere. The target audience is middle and high school children. Part of a 10-part series on environmental threats to the planet.



ORGANIZATION Allied Video Corporation
TITLE "The Greenhouse Effect"
PRICE \$30
DATE 1993
RUNNING TIME 16 minutes

ORDERING INFORMATION
 Call the Library Video Company at 800-843-3620

TYPES AVAILABLE
SUMMARY

VHS
 Spectacular computer animation and live-action video combine to provide a fundamental understanding of the greenhouse effect and insight into the ongoing debate about global warming. Four lessons range from an explanation of the phenomenon to a look at the preventative measures people can take. Target audience is grade 5 to adult.



ORGANIZATION Public Broadcasting System
TITLE "New Explorers Series: Crisis: Planet Earth"

EPA'S STATE AND LOCAL CLIMATE CHANGE PROGRAM

PRICE \$15
DATE 1990
RUNNING TIME 30 minutes
ORDERING INFORMATION Call the Library Video Company at 800-843-3620
TYPES AVAILABLE SUMMARY VHS
 "The Earth is heating up, and our survival is threatened" is the message of this video. PBS host Bill Kurtis travels to Salt Lake City, Utah, and a rainforest in Costa Rica to explore global warming. In an effort to combat climate change, NASA scientists at The Stennis Space Center in Mississippi are learning how to take the Earth's temperature. The video is part of the New Explorers Series, and the target audience is grade 5 to adult.



ORGANIZATION University Corporation for Atmospheric Research
TITLE "Climate Stock Volume 3: Global Temperature and Human Induced Climate Change"
PRICE \$14 (for VHS)
DATE 1998
RUNNING TIME 28 minutes
ORDERING INFORMATION Call Video Transfer, Inc., at 301-881-0270
TYPES AVAILABLE SUMMARY VHS, BCSP, BC, 3/4"
 Record heat spread across much of the United States during the summer of 1998, while globally averaged temperatures reached new highs. To help TV stations file reports on these stories, the University Corporation for Atmospheric Research (UCAR) prepared a 30-minute B-roll package on global temperature and human-induced climate change. The package includes recent computer animations; footage of droughts, floods, and other climate events; and sound bytes on such topics as the record-setting warm years of the 1990s and the connection between global temperature and precipitation.



ORGANIZATION Granada LWT International
TITLE "Climate and Man Volume 1: The Greenhouse Effect"
PRICE \$90
DATE 1990
RUNNING TIME 26 minutes
ORDERING INFORMATION Call Films for the Humanities and Sciences at 800-257-5126 or 609-275-1400

TYPES AVAILABLE SUMMARY VHS
 A life-sustaining envelope of gas surrounds the Earth. This atmosphere contains oxygen, carbon dioxide, water vapor, and other gases—it is what generates climate, which affects all living beings. This program analyzes the sun's gradual brightening and the relationship between sunlight and carbon dioxide, explains why the atmospheres of Mars and Venus cannot sustain life, theorizes about the disappearance of dinosaurs and a dinosaur-friendly climate, and explains the relationship between climatic change and continental drift.



ORGANIZATION Granada LWT International
TITLE "Climate and Man Volume 5: Global Warming"
PRICE \$90
DATE 1990
RUNNING TIME 26 minutes

ORDERING INFORMATION Call Films for the Humanities and Sciences at 800-257-5126 or 609-275-1400

TYPES AVAILABLE SUMMARY VHS
 The history of Earth is one of temperature change; historically, people and animals have moved to better climes, richer pastures, and areas of more abundant food. The problem now is that the "somewhere else" is already occupied. Meanwhile, temperatures appear to be rising, with potentially disastrous consequences. Observation, historical records, and computer models lead to the conclusion that temperatures are rising, though no one can be certain how high they will go, or when, or what will happen. Low-lying areas will be under water, of course, as ice melts and sea levels rise; diseases and rainfall will increase in some parts of the world, while drought will strike elsewhere and increase starvation.



ORGANIZATION Granada LWT International
TITLE "Climate and Man Volume 6: Danger Ahead: Is There No Way Out?"
PRICE \$90
DATE 1990
RUNNING TIME 26 minutes
ORDERING INFORMATION Call Films for the Humanities and Sciences at 800-257-5126 or 609-275-1400

EPA'S STATE AND LOCAL CLIMATE CHANGE PROGRAM

TYPES AVAILABLE VHS
SUMMARY If the threat of global warming is due to our use of technology, can we use technology to eliminate the threat? We could try to cool the Earth by deliberately polluting the atmosphere, as volcanoes do, but suppose we overcooled the planet, creating another ice age? This video suggests some less drastic solutions: reducing carbon dioxide emissions, harnessing the energy of the sun and wind, using nuclear power, conserving energy, curbing or stopping the use of CFCs, and preserving the rainforest.



ORGANIZATION Open University Worldwide
TITLE "Climate Change: Science vs. Politics"
PRICE \$129
DATE 1996
RUNNING TIME 25 minutes

ORDERING INFORMATION Call Films for the Humanities and Sciences at 800-257-5126 or 609-275-1400

TYPES AVAILABLE VHS
SUMMARY This video explores the dynamic interplay between science and policymaking. Though the world community has come to recognize the threat of global

warming, the economic interests of each country have thwarted the development of a unified strategy. In Europe, environmental groups have despaired of relying on governments to take action. Instead, they lobby the banks to withhold financing from industries that contribute to the greenhouse effect.



ORGANIZATION Oregon Office of Energy
TITLE "Generation to Generation: The Story of Climate Change and Oregon"
PRICE Reproduction and shipping costs
DATE 1999
RUNNING TIME 9 minutes

ORDERING INFORMATION Call Cathy Van Horn at the Oregon Office of Energy, 503-378-8278

TYPES AVAILABLE VHS
SUMMARY This video tackles climate change as a local issue. It informs the public about climate change as a serious potential problem for the future of Oregon and the planet. It also shows how individuals can take responsibility for reducing their use of fossil fuels. The video features Dr. Jane Lubchenco, distinguished professor at Oregon State University and member of the National Science Board.