

Geology

AVALANCHE

50 min; color; h,c,a

1/2" VHS **FC1808,VH**

Raging Planet Series - Avalanches are unpredictable, unstoppable killers. Snow avalanches—a million each year—pose a greater danger than volcanoes. Shows a powder avalanche hurtling down a mountain at 200 mph, smashing trees like matchsticks. Shows skiers racing for their lives before rivers of snow. Visits avalanche controllers in Canada's Bear Pass, who use a 105mm cannon to safely trigger slides. (DISCOMI;BAKTAYL;c1997)

Mountains; Weather; Winter sports

EVOLUTION SERIES

EXTINCTION! [NC2376]

EXTINCTION!

60 min; color; c,a

1/2" VHS **NC2376,VH**

Evolution Series - Explores the causes of the five mass extinctions that have occurred over the life of the planet. Investigates possible causes of extinctions occurring today, with emphasis on human influences. Discusses evolutionary theory and its predictions for the world humans leave to their descendents. (WGBHTV;c2001)

Evolution; Paleontology

FLOOD

50 min; color; h,c,a

1/2" VHS **FC1811,VH**

Raging Planet Series - Captures images of catastrophic devastation caused by floods. Shows how melted snow completely submerges Grand Forks, North Dakota. Pounding rainstorms cause \$2 billion in damage in central California. A river rises 22 feet after a thunderstorm, stranding a busload of school children in a flash flood. A swollen Mississippi River causes 75% of her levees to fail. An erupting glacial volcano in Iceland transforms a mountain of ice into an unstoppable torrent, wrecking every man-made structure in its path. Watch as slow-rising waters and killer flash floods strike, trapping innocent victims, destroying property, and endangering courageous rescuers. (DISCOMI;BAKTAYL;c1997)

Floodplains; Physical geography

FORCES THAT SHAPE THE EARTH

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

1/2" VHS **GC1792,VH**

Introduction to geology and the processes by which the Earth's surface was created and how it continues to change. Includes discussion of the layers of the Earth; plate tectonics; earthquakes and volcanoes; formation of igneous, sedimentary, and metamorphic rock; chemical weathering and erosion; and glaciers. Following the credits is a quiz of true and false and short-answer questions. (INSIGHM;c2002)

Earth; Geology

INDIAN OCEAN TSUNAMI AND HUMANITARIAN RESPONSE: A CAMPUS COMMUNITY FORUM JANUARY 13, 2005

118 min; color; c,a

1/2" VHS **CC6477,VH**

Documents a discussion held January 13, 2005, at Indiana University-Bloomington, in which scholars and officials discuss issues pertinent to the December 26, 2004 tsunami disaster in East Asia. Starts with an opening speech by IU Dean of Faculties Jeanne Sept; a welcome by IU-B Chancellor Kenneth Gros Louis; and remarks by Bloomington Mayor Mark Kruzan and director of the Center for University Ministry the Rev. Rebecca Jimenez. Then speaker Dr. Michael Hamburger, professor of Geological Sciences, discusses the geological issues; Dr. Margaret Sutton, professor in the School of Education, addresses the already-existing problems in Indonesia; Dr. Sandeep Junnarkar, professor in the School of Journalism, reports on the media coverage of the tsunami; and Peter Kovach, from the U.S. Department of State's Office of Press and Public Diplomacy, presents the perspectives of the U.S. government. Discussants Dr. Sumit Ganguly, Chair of India Studies; Dr. Patrick O'Meara, Dean of International Programs; Dr. Maria Montessori, Chair of the Department of Social and Political Studies at the State University of Padang, West Sumatra, address and respond to the issues raised by the speakers. Concludes with a question and answer section and final remarks by Maria Carrasquillo, director of Emergency Services of the American Red Cross. (INUISS;c2005)

Asia; Earthquakes; Universities and colleges; Waves

NATURE OF THINGS SERIES, WITH DAVID SUZUKI

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

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

RAGING PLANET SERIES

This series looks at tornadoes, lightning, tidal waves, hurricanes; avalanches, fire and floods.

AVALANCHE [FC1808]

FLOOD [FC1811]

TIDAL WAVE [FC1809]

TIDAL WAVE

50 min; color; h,c,a

1/2" VHS **FC1809,VH**

Raging Planet Series - Scientists struggle to predict now unpredictable tidal waves, unstoppable walls of water which race to shore at 500 miles per hour, reach heights of nearly 100 feet, and wash away tons of debris. Looks at a city in Japan that builds walls against the tsunamis, or "harbor waves." Tells of survival against overwhelming odds and meets a man who surfed off the coast of Peru in 1974. (DISCOMI;BAKTAYL;c1997)

Coasts; Oceans; Physical geography

WALKING WITH DINOSAURS

180 min; color; h,c,a

1/2" VHS **NC2402,VH**

Uses computer animation to recreate the look, movement, sound, and evolving environment of dinosaurs from their evolution, to their domination of Earth, and to their eventual destruction. Program 1 "New Blood" begins 220 million years ago in the late Triassic Period, when dinosaurs first appears on the land mass, Pangea. Program 2 "Time of Titans" picks up 152 million years ago, in the late Jurassic Period, and focuses on the fossils found in the Morrison Formation, now part of the western United States. Finds evidence for a wetter seasonal climate and increasing size in dinosaurs. Program 3 "A Cruel Sea" continues the late Jurassic Period around 149 million years ago, when vast, shallow seas were ruled by marine reptiles. Program 4 "Giants of the Skies" is set in the early Cretaceous Period, 127 million years ago, and focuses on raptors, the bird-like dinosaurs whose descendents are modern-day birds. Program 5 "Spirits of the Ice Forest" continues through the early Cretaceous Period, 106 million years ago and focuses on dinosaurs that existed in the polar latitudes, including two Australian fossil sites. Program 6 "Death of a Dynasty" begins 65 million years ago in the Late Cretaceous Period, after dinosaurs have ruled the earth for 160 million years. Flowers, plants, and birds flourish, but volcanic activity poisons the air and many species become extinct. Suggests that the collision of a comet with the Earth brought a catastrophic end to the domination of dinosaurs, with birds their only surviving descendents. (AMAZON;c1999)
Paleontology

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