

Hazard & Disaster Film and Video Annotation Project

Emergency Management Higher Education Project

Emergency Management Institute

Federal Emergency Management Agency

U.S. Department of Homeland Security

Working Draft

July 29, 2005

Created by:ⁱ
Richard T. Weber
Center for Public Management
University of North Texas

Table of Contents:

Statement of Purpose for the Project

Overall Description of Project

Orientation to Annotation Format

Film List:

Documentaries/Video List:

Considerations for Obtaining Videos

Selected Bibliographies of Disaster Film Related Material

Statement of Purpose of this Project:

FEMA requests an annotated listing of specified and additional disaster-related films and videos, including DVD footage where appropriate, for utilization by faculty teaching hazard, disaster, emergency management and homeland security college courses, as well as by instructors in training courses.

Overall Description of List:

Annotation Format:

Annotation to include: Title, Director, Producer, starring, date of release, plot summary, runtime, color system, hazard(s) associated with film (if any), narrative on rationale for film/video inclusion in the listing (such as positive and/or negative examples of emergency management issues), source (where and how to access/acquire the film or video), appropriate example sequences (clips) for class (with time and/or chapter in film)

Films:

<u>Arlington Road</u>	<i>Meteor</i>
<u>Armageddon</u>	<i>The Poseidon Adventure</i>
<i>Asteroid</i>	<i>Outbreak</i>
<i>Atomic Train</i>	<i>The Siege</i>
<i>The Core</i>	<u>Tidal Wave: No Escape</u>
<u>Dante's Peak</u>	<u>The Towering Inferno</u>
<i>The Day After</i>	<u>Twister</u>
<u>The Day After Tomorrow</u>	<u>Volcano</u>
<i>Daylight</i>	
<u>Deep Impact</u>	
<u>Dirty War</u>	
<i>Fearless</i>	<u>To Film/Documentary List</u>
<i>Hard Rain</i>	

Arlington Roadⁱⁱ

Directed By:	Pellington, Mark
Produced by	Columbia TriStar Gorai, Tom (Producer) Samuelson, Marc (Producer) Samuelson, Peter (Producer)
Released	1999

Hazards Associated with Film:

Terrorism
Weapons of Mass Destruction

Plot Summary:

Widowed when his FBI agent wife is killed in an FBI anti-terrorist operation gone wrong, a college professor (Bridges) becomes increasingly obsessed with the culture and sub-society of these dangerous groups. The arrival of new neighbors (Robbins, Cusack), gives him new spirit, as they are gregarious and friendly, with two children (Gamble, Green) that his son (Clark) can be friends with. He is even beginning to see another woman (Davis). However, he begins to suspect something is odd about the neighbors, something about the way they don't want him to see certain parts of the house, or a set of blueprints they have there. Are his neighbors terrorists... or is the stress of losing his wife merely driving him past the point of paranoia?

Narrative/Rationale: (Appropriate Examples)

Arlington Road provides an interesting depiction of domestic terrorism and extremist groups. This movie provides a solid backdrop to discuss domestic terrorism as it shows fictional but paralleling true events of terrorism.

Chronology of Film: (Appropriate Emergency Management Related Information)

:30 Child walking down street with injured and bloodied hand; Michael finds boy he does not know
3:50 Title sequence
5:52 Michael Faraday is waiting for boy at hospital; Oliver Lang enters with wife; boy was supposedly playing with fireworks
7:25 Shot of Michael Faraday's neighborhood; Michael laments his not knowing the neighbor
9:50 Faraday starts a course on separatist groups and terrorism in U.S. history
10:49 Faraday visits his slain wife's grave; Michael and Graham Faraday lie flowers on her grave; Wife's partner shows up to pay his respects with Faradays.
13:45 Michael and family attend the birthday party for Oliver Lang's son; discussion ensues of Michael dating his graduate student
17:00 Graham Faraday begins building "compound" with Lang's son in living room
18:40 Michael sees disturbing plans and doubts it is a shopping mall
19:40 Michael discusses with Brooke his doubts of the previously mentioned plans
20:50 "Roosevelt Federal Building" bombing is discussed as part of Faraday's class; argument ensues as to the truth of the lone bomber explanation provided by government

25:10 Graham Faraday is inducted into a discoverer troupe
 26:00 Dinner with Faradays and Langs; intense conversation over the truthfulness of government and who is accountable for their actions
 31:40 While at batting cage, Oliver tells Michael his son wants someone "to pay" for his mother's death
 34:00 Michael F. orders Oliver's transcripts as he is researching his past
 37:00 Faraday realizes Oliver Lang is actually William Fenimore from Kansas, a convicted mail bomber
 39:15 Faraday describes a Ruby Ridge type scenario of Seaver Parsons in West Virginia; Faraday's wife died at this event; reasons for shooting are described
 46:00 Michael F. permits son to go to Discoverer Camp with Lang's son, against his better judgement
 47:30 Faraday determines reason for name change of Lang; day after Lang's death
 52:00 Faraday searches the Lang home for clues
 55:40 Faraday searches at library to find additional information about Lang (Fenimore)
 58:05 Faraday discusses Lang's past with Brooke; she doesn't believe him and leaves him
 1:02:20 Lang finds out Michael is researching his past and confronts him; describes reason for bombing and name change
 1:07:40 Brooke sees exchange of cars and brief case in parking deck (with student of Faraday); Brooke tails Oliver to Liberty Delivery Company
 1:11:20 Brooke calls Michael from strip mall to tell him she believes him; she leaves a message on the answering machine
 1:12:50 Michael sees Brooke's wrecked car on the news as he gets home and rushes to her; he confides afterwards to the Langs; Brooke's message was erased from Michael's machine
 1:15:00 Michael calls Graham to find out how camp is going
 1:17:07 Michael receives call from Agent Carver and realizes his phone is being tampered
 1:19:50 Faraday goes to St. Louis to get information on Dean Scobe, Roosevelt Federal Building bomber; Faraday realizes Discovery Troupe is a front for right wing extremist groups; He flies home to get Graham out of camp; Upon arrival at camp, Faraday realizes his son has been abducted by someone posing as him
 1:26:00 Michael attend Oliver Lang's party uninvited; Suspects working with Lang throughout movie are in attendance; Lang threatens Faraday with the loss of his son
 1:30:31 Agent Carver does research about Lang; his record is clean since the bombing
 1:33:00 Faraday rents a car to do recon; He calls Lang's office from car phone; Michael finds the phone booth Brooke used to call him; He sees the Liberty Delivery truck; Finally, he sees man load grey hard-base boxes into van
 1:36:03 Liberty driver sees he is being tailed; Michael sees Graham in rear window of van; Lang intercepts Faraday as he is chasing van with Graham; Lang and Faraday fight; Lang explains his views on extremism and hints to Faraday the location of the next bombing
 1:40:30 Faraday escapes Lang and attempts to catch van
 1:44:00 Faraday tries to enter FBI Headquarters chasing the van; He succeeds believing the bomb and Graham are in the Liberty van entering headquarters
 1:46:00 Agent Carver realizes the bomb may be in his car; Faraday rushes to vehicle and opens trunk
 1:47:50 Bomb explodes in parking deck of FBI Headquarters
 1:48:20 News reports and footage of rushing people, frantic calls and wounded leaving scene
 1:49:50 News reports showing Faraday as lone bomber
 1:51:20 Lang burns file of Faraday in his fireplace
 1:52:16 Lang and Family are looking forward to moving someplace "someplace safe"

Starring

Jeff Bridges – Michael Faraday
 Tim Robbins – Oliver Lang/William Fenimore
 Joan Cusack – Cheryl Lang

Availability:

Available in most rental stores

Netflix.com

Blockbuster.com

Amazon.com

Color System	Run Time (full)	MPAA Rating	Language
Color	117 min.	R	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Armageddonⁱⁱⁱ

Directed By:	Bay, Michael
Produced by	Touchstone Pictures Bay, Michael – Producer Bruckheimer, Jerry – Producer
Released	

Hazards Associated with Film:

Asteroid
Global Killer

Plot Summary:

Due to a shuttle's unfortunate demise in outer space, NASA becomes aware of a doomsday asteroid that is on a collision course with Earth. It seems that the only way to knock it off course is to drill into its surface and detonate a nuclear weapon. But as NASA's under-funded yet resourceful team train the world's best drillers for the job, the social order of the world begins to break down as the information reaches the public and hysteria results. As high-ranking officials play politics with the effort, the drilling team all faces deep personal issues which may jeopardize humanity's last chance...

Narrative/Rationale: (Appropriate Examples)

Armageddon is a good example of the traditional stereotypes and format of a disaster movie. This film provides examples of disaster myths and disaster movie myths.

Chronology of Film: (Appropriate Emergency Management Related Information)

:35 Opening sequence; comet hits Earth
3:30 Comet fragments hit space shuttle; engineers scramble to understand
6:20 Shuttle explodes; asteroids begin to hit New York City
10:30 President learns of problem in space; asteroid is the size of Texas; 18 days until impact with Earth
12:00 Focus of films changes to Stamper Oil
17:00 Feasibility planning meeting at NASA; Oil is struck by Stamper Oil
22:30 Harry Stamper is taken to NASA to talk with engineers
27:00 Stamper begins to round-up his crew of roughnecks to assist NASA
32:00 Stamper's crew accepts the challenge to go to space
35:00 Crew preparedness and training program is performed
42:00 Shots of asteroid are shown; flight plan is explained
48:00 Armadillo drilling rig is tested

51:00 Astronauts are permitted a night out before the launch
 58:00 Media learns of problems; report from Cape Canaveral
 1:01:00 Astronauts prepare for trip
 1:03:00 President announces Armageddon
 1:06:00 Astronauts in shuttle
 1:08:00 Lift-off of shuttle to intercept asteroid
 1:11:00 Shuttle rendezvous with Russian space station; several problems are encountered with refueling the shuttle
 1:23:00 Astronauts and Stamper Oil Crew begin attempt to intercept asteroid
 1:37:00 Drilling to insert the nuclear devices begins
 1:41:00 President decides to wait to override the explosion of the nuclear devices; Harry Stamper's crew continue to attempt to drill to depth; numerous problems with Armadillos
 1:59:30 Comets strike Europe; Martial Law is ordered
 2:09:20 The crew draws straws to determine who stays to explode devices
 2:16:30 Shuttle leaves comet
 2:18:40 Harry presses detonation button on bomb
 2:20:10 Numerous shots of saved Earth
 2:21:30 Shuttle lands and crew leaves ship

Starring

Bruce Willis – Harry Stamper
 Billy Bob Thornton – Dan Truman
 Ben Frost – AJ Frost
 Liv Tyler – Grace Stamper

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color	144 min.	PG – 13	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Asteroid^{iv}

Directed By:	May, Bradford
Produced by	Davis Entertainment Davis, John (Executive Producer) Karpff, Merrill (Executive Producer)
Released	1997

Hazards Associated with Film:

Asteroid

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Michael Biehn – Jack Wallach
Annabella Sciorra – Lilly McKee

Availability:

--

Color System	Run Time (full)	MPAA Rating	Language
Color	120 min.	N/A	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Atomic Train^v

Directed By:	Jackson, David Lowry, Dick
Produced by	NBC Studios Joyce, Michael (Producer)
Released	1999

Hazards Associated with Film:

Nuclear
Weapon of Mass Destruction

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Rob Lowe – John Seger
Kristin Davis – Megan Seger
Esai Morales – Noris MacKenzie

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color	240 min.	PG - 13	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

The Core^{vi}

Directed By:	Amiel, Jon
Produced by	Paramount Pictures Bailey, Sean (Producer) Foster, David (Producer) Layne, Cooper (Producer)
Released	2003

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

<u>Starring</u>
Aaron Eckhart – Josh Keyes Christopher Shyer – Dave Perry Hilary Swank – Rebecca Childs

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color	135 min.	PG – 13	English

Back to [Feature Films](#) or [Documentary/Videos Lists](#)

Dante's Peak^{vii}

Directed By:	Donaldson, Roger
Produced by	Twentieth Century Fox Herzberg, Ilona (Executive Producer)
Released	1997

Hazards Associated with Film: (if any)

Volcanic Eruption

Plot Summary:

Dr. Harry Dalton discovers that Dante's Peak, which has recently been named the second most desirable place to live in America, is being threatened by a volcano that hasn't been live for years.

Narrative/Rationale: (Appropriate Examples)

Numerous fallacies and disaster myths make this movie entertaining to watch. Boating in acid and driving through lava are just a few of the improbable events that take place during this film.

It is also interesting to note, Dr. Harry Dalton's USGS crew serves as the mouthpiece for the entire response network during this movie for nearly all levels of government.

Emergency management was not mentioned during this film except in the very last scenes of search and rescue.

Chronology of Film: (Appropriate Emergency Management Related Information)

1:00 Opening sequence foreshadows eruption and death of Harry's girl (Mary Ann)
9:30 Ceremony for Dante's Peak; 2nd best place to live in U.S. – Towns under 20,000
10:40 Couple swimming near volcano die in hot spring that begins to boil
16:30 Harry checks the Ph level of "High Lake" near peak
17:30 Harry notices the natural conduit of valley from volcano to town of Dante's Peak
18:30 While researching, children notice dead squirrels near hot spring
19:10 Graham, Rachel's son, attempts to jump into hot spring; Harry saves Graham and dead couple is found
20:30 City Council meeting is called by Mayor Rachel Wando in lieu of Harry's findings on the mountain; Harry's boss calms council with his cautious words
21:20 During council meeting, Mayor recommends getting the town's "Emergency Evacuation Plan" out to review; plan was filed and hard to find
25:50 High Lake begins to show gas bubble emissions
29:10 Helicopter flies around top of volcano to measure gas emission readings
36:00 Harry and USGS crew place detection equipment around the volcano
41:25 Seismic readings indicate larger quake
51:10 Mayor Wando fills drinking cup with polluted water from her home's faucet
53:10 Evacuation of town recommended by USGS; Innkeeper begins to ask frantic questions; Ruth, Wando's mother-in-law, refuses to evacuate home
55:10 Public meeting held to discuss the evacuation of town; again, mentioning of Emergency

Evacuation Plan of Dante's Peak

56:00 Earthquake during meeting; citizens panic towards exits; volcano begins to spew ash
59:00 Panic of evacuation of town; bridges begin to collapse; buildings collapse
1:06:4 1st mention of fire department (and response agencies)
1:11:00 Harry, Rachel and family attempt to take boat across lake now turned to acid; boat begins to disintegrate; Harry paddles boat through acidic water with shirt wrapped around arm; Ruth finishes family's journey across lake by jumping into water and walking boat in to shore
1:16:30 Police and National Guard attempt to finalize the evacuation of the town
1:18:40 Flash-flooding begins and dam collapses
1:23:30 Harry drives stolen U.S. Forest Service truck across lava to save Rachel and her family
1:27:30 Volcano fully erupts
1:28:55 Harry, Rachel and children hide in an abandoned mine shaft during eruption
1:32:50 Harry is trapped away from Rachel and her kids while attempting to retrieve "ELF" location device from NASA
1:36:30 USGS crew finds beacon lighting on panel and realize Harry is still alive
1:36:50 Search and Rescue team (wearing FEMA vests) extract Harry from mine shaft; Wando and family are saved seconds after Harry

Starring

Pierce Brosnan -- Harry Dalton
Linda Hamilton -- Rachel Wando

Availability:

Blockbuster
Hollywood video
Netflix.com
DVD Empire

Color System	Run Time (full)	MPAA Rating	Language
Color	112	PG-13	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

The Day After^{viii}

Directed By:	Meyer, Nicholas
Produced by	ABC Circle Films Papazian, Robert
Released	1983

Hazards Associated with Film:

Nuclear
Weapons of Mass Destruction

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Jason Robards – Russell Oakes
Steve Gutenberg – Stephen Klein
JoBeth Williams – Nancy Bauer

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color	126 min.	N/A	English

Back to [Feature Films](#) or [Documentary/Videos Lists](#)

The Day After Tomorrow^{ix}

Directed By:	Roland Emmerich
Produced by	Roland Emmerich (Producer) Ute Emmerich (Executive Producer) Stephanie Germain (Executive Producer)
Released	2004

Hazards Associated with Film:

Global Warming
Winter Storm
Hurricane
Tornado
Hail

Plot Summary:

A climatologist tries to figure out a way to save the world from abrupt global warming. He must get to his young son in New York, which is being taken over by a new ice age.

Narrative/Rationale: (Appropriate Examples)

This film provides some excellent computer generated footage of natural disaster agents.

There is little to no mention of emergency management or emergency managers in this film with the exception of FEMA vests at the refugee camps in Mexico.

The President mentions taking mitigation actions to environment by changing use of natural resources.

Numerous disaster myths are portrayed in this film.

Chronology of Film: (Appropriate Emergency Management Related Information)

4:01 Initial collapse of ice shelf while taking ice core samples
8:21 Snow begins falling in India
9:09 Buoys in north Atlantic begin to note changes in sea temperature
10:54 Rain in Tokyo; Rain turns to giant hail
12:32 Hurricane strikes
13:30 NOAA begins to discuss weather phenomena and theorize its implications
16:00 Space station notes giant storms; Sam's plane into New York City experiences severe turbulence
20:00 Sam and academic decathlon team get out of can in New York; seagulls are flying inland; animals in zoo are riled over environmental changes
25:30 Giant hail begins falling in Los Angeles; numerous tornadoes begin to form over city and ravage downtown
32:00 Discuss change in climate from NOAA staff; work to understand Hall's paleoclimatological shifts
36:00 Scenes of citizens laying in provisions mentioned by a newsperson
37:15 Jack Hall requests large scale evacuations for northern half of country because of impending storms
40:00 Helicopters attempt to fly into giant storms; choppers wreck from fuel line freezing; survivors of

crash freeze immediately from severe cold

43:00 Flooding of MTA station in New York City; Nova Scotia mentioned for having 20 ft. storm surges; flooding continues in New York City

48:00 Statue of Liberty is hit be waves and flood off Ellis Island

48:50 Tsunami impacts New York City

1:02:00 Ship begins sailing up street in Manhattan

1:02:59 Policy meeting is in session on how to properly respond to the agents at work in U.S. People begin fleeing illegally into Mexico

1:13:00 Mexico closes borders to US

1:17:50 President issues national emergency alert; warns of freezing temps; US citizens requested to flee south towards Mexico

1:28:00 President leaves Washington for camp in Mexico; FEMA reps pass out food; President dies in storm attempting to leave Washington

1:32:30 Looting by academic decathlon team and others who chose to weather ice storm in New York City Public Library to keep warm and fed

1:39:40 Extremely rapid freezing begins in New York and Philadelphia

1:46:30 Storm begins to dissipate

1:47:00 Jack Hall walks past statue of liberty

1:53:20 Search and rescue for survivors in northern portion of country begins

Starring
Dennis Quaid as Jack Hall Jake Gyllenhaal as Sam Hall Emmy Rossum as Laura Chapman

Availability: Blockbuster Hollywood Video Netflix.com DVD Empire

Color System	Run Time (full)	MPAA Rating	Language
Color	124 min.	PG-13	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Daylight^x

Directed By:	Cohen, Rob
Produced by	Universal Pictures Davis, John (Producer) Friendly, David (Producer) Singer, Joseph (Producer)
Released	1996

Hazards Associated with Film:

Flooding
Tunnel Collapse

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Sylvester Stallone – Kit Latura
Amy Brenneman – Madelyne Thompson
Viggo Mortenson – Roy Nord

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color	115 min.	PG – 13	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Deep Impact^{xi}

Directed By:	Leder, Mimi
Produced by	Paramount Pictures Bradshaw, Joan (Executive Producer)
Released	1998

Hazards Associated with Film:

Global Killer
Asteroid
Tsunami

Plot Summary:

A high school student discovers an unidentified object in the sky. After being confirmed by an astronomer, plans are created to destroy the comet and preserve civilization. An extinction level event is reported by Jenny Learner as she tries to break a story about a treasury secretary that steps down. The Messiah rocket is sent to use nuclear weapons to destroy the comet. All the while, caverns are created in Missouri to protect one million Americans and ensure our way of life. Ultimately the comet is exploded into two pieces. The larger piece is exploded by the sacrificial bombing of the Messiah crew and the smaller asteroid splashes into the Atlantic Ocean causing a tsunami that reaches as far inland as the Ohio River Valley.

Narrative/Rationale: (Appropriate Examples)

Many of the “disaster myths” are portrayed in this film. Panic behavior, evacuation behavior, looting, price gouging, and several others are all talked about or portrayed.

This movie provides students the opportunity to see fictional catastrophic disaster planning enacted. It is also useful in showing a fictional account of media response to disasters.

Chronology of Film: (Appropriate Emergency Management Related Information)

:50 Title sequence
1:20 Bederman discovers asteroid during an astronomy club meeting
4:00 Wolf confirms asteroid and realize trajectory will cause impact with Earth; frantically attempts to contact others
6:40 Wolf’s Jeep wrecks in frantic attempt to deliver findings
8:30 Jenny Learner and MSNBC news team are shown in news meeting
9:20 Jenny and her mother have lunch to discuss the wedding of father/ex-husband to girl two years older than Jenny
10:30 Jenny meets with secretary who describes “another woman” by the name of “Elle” that caused Treasury Secretary to step down; secretary supposes the President is aware of situation
12:40 Jenny goes to talk with former Treasury Secretary about his affairs; he tells her she is breaking “the biggest story in history”; Jenny is unaware of the full meaning of the phrase

15:50 FBI Agents garner Jenny and take her to talk with President
17:40 White House Press Secretary meets with Jenny prior to talking to President
18:10 President discusses E.L.E. with Jenny. However, Jenny is still unaware of the implications of her findings
21:30 Jenny searches internet and realizes what E.L.E. actually is
22:30 Jenny meets with father and new wife for dinner
26:00 Jenny goes to white house for press conference and is given the first three questions of the President
27:00 President begins to describe Wolf-Bederman Comet
28:15 MSNBC newsroom scrambling for information, experts, graphics, and sound bites for breaking news story
29:30 NASA Team for intercepting comet is introduced and interviewed for Americans
30:45 President discusses his measures to freeze wages, prices and other items for Americans
33:40 Leo Bederman begins his ascent to fame at school
35:00 Messiah Mission Astronauts are shown at a picnic talking with family and friends describing mission and fears
37:00 Younger astronauts describe problems with Spurgeon Tanner's age and credentials
39:15 Launch sequence of astronauts from Cape Canaveral
40:45 "Orion" propulsion system is engaged to intercept comet
41:20 Jenny Learner is promoted to lead anchor for work on finding E.L.E. story
42:20 Nuclear weapons begin being loaded to explode on comet
44:00 Jenny explains the mission of astronauts in bombing asteroid
47:10 Astronauts land on comet and begin drilling; news people explain the problem of not finishing drilling and improper explosion of nuclear devices
55:00 Astronaut Partenza is lost from outburst of gas; Captain Hatch of mission is blinded from sun
Tanner reports to NASA after remaining astronauts return to ship
58:50 Bombs are exploded on Wold-Bederman
1:00:00 President learns of failed attempt of Messiah; President explains the "Noah's Ark" concept to protect one million people from impact of comets in Missouri man-built caverns; martial law is enacted by President; mandatory curfew is also enacted
1:05:00 Jenny give details of the lottery associated with Noah's Ark selection
1:07:20 Damage report of ship is taken from astronauts
1:08:30 Jenny and mother discuss problems and solutions of not being picked for the ark
1:10:00 Bederman's neighbor is shown putting bars on windows of house; large dog is also shown to protect the home
1:11:30 Views and descriptions of looting, arson, and similar are portrayed
1:12:30 Bederman gets married to Sara in an attempt to save her and family from not being selected to Noah's Ark
1:18:10 Bederman and his family are picked up to be taken to ark. Sara's family is not listed. She opts to stay with parents instead of going with husband, Leo.
1:20:07 Jenny learns of her mothers death, an apparent suicide; she goes to hospital to claim body and belongings
1:22:50 Shots of the entry for the ark are shown; protestors and others are at gates
1:24:30 Leo decides to not enter ark, but to go and protect Sara
1:27:45 Rockets launched to intercept comets as each bears down on Earth; rockets fail
1:32:00 Tanner recommends astronauts fly bombs into comet and explode in effort to save earth
1:35:20 Bederman returns home to find empty house as Sara and family have fled; Leo takes a dirtbike to find his wife; shots of massive evacuation traffic jams are shown
1:36:50 Jenny and MSNBC staff attempt to evacuate the new station
1:38:00 Choppers take off avoid escape; numerous other helicopters are also evacuating
1:38:50 Leo finds Sara in the traffic jam; he and Sara attempt to escape with Sara's baby sister
1:41:30 Jenny goes to beach house to be with father
1:43:15 Asteroid breaks through atmosphere
1:44:07 Tsunami begins after impact; shots of New York City being impacted; World Trade Center is shown be toppled; Jenny and Father are shown being struck
1:46:20 Astronauts attempt to intercept ; Bederman and Sara climb hill to avoid tsunami

1:50:50 Wolf is detonated by atomic devices aboard Messiah; shooting stars are shown as bits of comet impact Earth
1:51:40 President speaks of recovery from event and resiliency of people

Starring

Tea Leoni – Jenny Lerner
Robert Duvall – Spurgeon Tanner
Elijah Wood – Leo Beiderman
Morgan Freeman – Tom Beck

Availability:

Most movie rental stores
Netflix.com
Amazon.com

Color System	Run Time (full)	MPAA Rating	Language
Color	120 min.	PG –13	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Dirty War^{xii}

Directed By:	Perceval, Daniel
Produced by	British Broadcasting Corporation HBO Marshall, Liza (Executive Producer) Thompson, David (Executive Producer) Woolwich, Paul (Executive Producer)
Released	2004

Hazards Associated with Film:

Radiological
"Dirty Bomb"
Terrorism

Plot Summary:

After years of meticulous planning, a terrorist operation is reaching its final stages. The authorities have received no intelligence; they are in a race against time but don't yet know it. As the operation unfolds, we see the working lives of men and women directly affected by terrorism. Among them: a fireman worried about the increasingly dangerous conditions he and his men are expected to work under; the head of the anti-terrorist branch whose responsibility it is to protect London and a female Muslim detective brought into Scotland Yard to investigate another suspected terrorist cell. But it is too late to stop the attack. Outside Liverpool Street station suicide bombers detonate a large bomb, killing scores of commuters and sending a radioactive plume high into the morning sky. For the police, a desperate struggle to find and stop secondary attacks begins. For the fire service, the difficult and dangerous task of carrying out search and rescue in a heavily contaminated area. And for emergency service controllers, a mammoth operation to contain and decontaminate thousands of terrified people caught up in the aftermath of the explosion. Based on extensive research, DIRTY WAR asks whether as a nation we are prepared to face such an attack.

Narrative/Rationale: (Appropriate Examples)

This fictional film provides an adequate presentation of the planning issues; information on terrorism cells; and post-event issues for a primer in nuclear, chemical and biological (NBC) attack. The movie shows preparedness activities for NBC scenarios, preparation of the device and post-event response issues from a government and individual responders perspective.

Chronology of Film: (Appropriate Emergency Management Related Information)

:58 Hazardous materials team enters parking deck during exercise
1:57 Responder begins to panic and doffs protective suit
2:30 Mass decontamination practice is performed; also shows an example of a decontamination corridor
3:45 Responder in decontamination corridor is shown to have been exercising with torn equipment
4:50 Minister is informing press during briefing of exercise
8:50 Radiological agent is shown being packaged and shipped from Turkey
9:50 Parliamentary hearings on chemical, biological, radiological, nuclear weapons (CBRN) by government representatives
12:00 Discussion of preparedness, lack of budget, lack of training by responders to government personnel
13:15 Radiological agent continues to get closer to the United Kingdom
15:30 Description of Islamic cells is explained by personnel at Scottish Yard: discussion includes description of logistics, reconnaissance, attack and agent cells
18:48 Extremist chastise mother of Islamic girl for baring midriff
19:50 Fear of panic discussion from Minister of London
25:30 Discussion of why extremists perform acts of terrorism is explained
27:20 Discussion of preparedness of London is again discussed
30:40 Description by first responders of lack of zeal for job with poor equipment and lack of training
33:00 Questioning of neighbors intent; woman saw man carrying drums of material into apartment
37:00 Meeting between agent and logistics cells member at a café
40:50 Driver of truck carrying Cesium from Turkey to UK is found dead in Bulgaria
42:30 Mixing of bombs takes place in basement of apartment; discussion of making bombs
47:00 Discussion of intelligence and how to handle incident from intelligence personnel
48:35 Bombers begin taping last testaments for families
50:00 Raid begins on safe house of the logistics cell
52:40 Bomb explodes; first responders move towards area; Ministers are alerted to bombing; plume of smoke and agent begin to disburse on crowded Liverpool Street; Responding engines dosimeter begins to alert them of problem; Request for mass casualty incident plan activation; response services recalled because of radiological agent
56:35 Emergency Operations Center is assisting with control of incident
58:00 Police attempt to cordon off area and quarantine
58:40 Edge of warm zone area shown
1:00:00 Discussion of various impacts from radiological agent are described
1:01:10 Intelligence personnel realize the incident is a suicide bombing
1:02:10 Intelligence personnel realize there are more potential bombings
1:04:44 Find out the agent has both alpha and gamma radiation in bomb; recommendations are for full personal protective equipment (level A suits)
1:05:30 Attempts begin to fully establish a hot zone; mass decontamination corridors are set up
1:08:00 Statement of attack by Minister Avery
1:09:30 Problems associated with CBRN in the quarantine area are discussed; victims are unable to eat, smoke; or drink
1:11:15 Raid on bomb makers apartment is performed by police
1:18:15 Radiation continues to spread throughout the area; decontamination corridor requested to be moved further back; quarantined begin to get more hostile towards police
1:20:30 Responders doff gear after prolonged exposure (beyond safe levels) to further assist victims and put out fires in ground zero area
1:23:10 Interrogation of the agent to obtain more information
1:25:30 First responders are in hospital with severe exposure problems to radiological agents
1:28:00 Long term effects of incident are discussed as shots of isolation perimeter are shown; effects such as economic, housing, radiation, etc.

Starring
Gavin Abbott as Bomb Incident Officer 2 Joanne Adams as Control Officer 1 Shamshad Akhtar as Falzah Dean Ashton as RSM Officer Paul Antony-Barber as Commander Paul Hardwick

Availability: Amazon.com Netflix.com

Color System	Run Time (full)	MPAA Rating	Language
Color	90 min.	R	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Fearless^{xiii}

Directed By:	Weir, Peter
Produced by	Warner Brothers Beasley, William (Co-producer) Forman, Robin (Co-producer)
Released	1993

Hazards Associated with Film:
Airline

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring
Jeff Bridges – Max Klein Rosie Perez – Carla Rodrigo John Turturro – Bill Perlman

Availability:

--

Color System	Run Time (full)	MPAA Rating	Language
Color	122 min.	R	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Hard Rain^{xiv}

Directed By:	Salomon, Mikael
Produced by	Paramount Pictures Bryce, Ian (Producer) Gordon, Mark (Producer) Levinsohn, Gary (Producer) Levinsohn, Art (Producer)
Released	1998

Hazards Associated with Film:
Flooding

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

<u>Starring</u>
Morgan Freeman – Jim Christian Slater – Tom Randy Quaid – Sheriff Minnie Driver -- Karen

--

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color	97 min.	R	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Independence Day^{xv}

Directed By:	Emmerich, Roland
Produced by	20 th Century Fox Devlin, Dean (Producer)
Released	1996

Hazards Associated with Film: (if any)

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring
Bill Pullman – Thomas Whitmore
Jeff Goldblum – David Levinson
Will Smith – Steven Hiller

Availability:

--

Color System	Run Time (full)	MPAA Rating	Language
Color	145 min.	PG – 13	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Meteor^{xvi}

Directed By:	Neame, Ronald
Produced by	American International Pictures Orgolini, Arnold (Producer) Parvin, Theodore (Producer) Shaw, Run Run (Producer)
Released	1979

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring
Sean Connery – Paul Bradley
Natalie Wood -- Tatiana Nikolaevna Donskaya

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color	107 min.	PG	English

Back to [Feature Films](#) or [Documentary/Videos Lists](#)

The Poseidon Adventure^{xvii}

Directed By:	Neame, Ronald
Produced by	20 th Century Fox Allen, Irwin (Producer) Broidy, Steve (Producer)
Released	

Hazards Associated with Film:
Shipwreck

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

<u>Starring</u>
Gene Hackman – Frank Scott Ernest Borgnine – Mike Rogo Red Buttons – James Martin Carol Lynley – Nonnie Parry

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color	117 min.	PG	English

Back to [Feature Films](#) or [Documentary/Videos Lists](#)

Outbreak^{xviii}

Directed By:	Peterson, Wolfgang
Produced by	Warner Brothers Henderson, Duncan – Executive Producer Kopelson, Anne – Executive Producer
Released	1995

Hazards Associated with Film:
Biological

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring
Dustin Hoffman – Sam Daniels Rene Russo – Robby Keough Morgan Freeman – Billy Ford Kevin Spacey – Casey Schuler

Availability:

--

Color System	Run Time (full)	MPAA Rating	Language
Color	127 min.	R	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

The Siege^{xix}

Directed By:	Zwick, Edward
Produced by	20 th Century Fox Schindler, Peter (Executive Producer)
Released	1998

Hazards Associated with Film:
Terrorism
Weapons of Mass Destruction
Martial Law

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring
Denzel Washington – Anthony Hubbard
Annette Benning – Elise Kraft/Sharon Bridger
Bruce Willis – William Devereaux
Tony Shalhoub – Frank Haddad

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color	116 min.	R	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Tidal Wave: No Escape^{XX}

Directed By:	George Miller
Produced by	Artisan Entertainment Harman, J. Boyce (Producer) Halmi, Robert (Executive Producer)
Released	1997

Hazards Associated with Film:

Tidal Wave
Terrorism
Weapons of Mass Destruction (Nuclear)

Plot Summary:

When brutal tidal waves suddenly destroy many coastal communities in a short period of time, John Wahl, a Nobel prize winner, is brought out of his lazy retirement and back into service as a consultant. He teams up with a Navy officer to find out the cause of the disaster. But when a ransom of one billion dollars is demanded, Wahl is the government's number one suspect.

Narrative/Rationale: (Appropriate Examples)

This made-for-TV movie perpetuates many of the movie myths discussed in the Webb et al article.

Mitigation was not mentioned in the film

No mention of federal multi-agency coordination or state and local resources needed to respond to incident

Chronology of Film: (Appropriate Emergency Management Related Information)

20:50 Panic Behavior as 1st large tsunami looms

23:50 Disaster response and recovery – images of search and rescue being performed in damaged areas

24:00 Disaster shock portrayed by John Wahl

31:00 Several flyover shots of wreckage

50:10 Panic behavior ensues on and near Queen Mary ship from pending tsunami

53:00 Wahl and Weaver loot Wahl's ex-wives home for sustenance

Starring

Corbin Bernsen – John Wahl
Julianne Phillips – Jessica Weaver
Gregg Henry – Edgar Purcell

Availability:

Movies Unlimited

Netflix

Personal copy obtained in WalMart bargain bin

Color System	Run Time (full)	MPAA Rating	Language
Color	91 min.	NR	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

The Towering Inferno^{xxi}

Directed By:	Allen, Irwin Guillermin, John
Produced by	20 th Century Fox Warner Brothers Allen, Irwin (Producer)
Released	1974

Hazards Associated with Film:

High Rise Fire

Plot Summary:

Construction magnate Jim Duncan (Holden) has teamed with architect Doug Roberts (Newman) to build a 135-storey structure named 'The Glass Tower' in San Francisco. On opening night, many dignitaries including a U.S. Senator, San Francisco's Mayor & his wife and others are celebrating in the ballroom/restaurant on the top floor. On the 81st floor, in a utility room, an overloaded circuit breaker starts a fire in a can of oily rags. While the party is still going on, Roberts is inspecting the wiring in the building and discovers it is very low standard - a serious fire hazard. In the Security HQ, a guard, Jernigan (Simpson) spots smoke crawling out from under a door, and activates the alarm. The San Francisco Fire Department immediately comes out, with Chief O'Hallorhan (McQueen) commanding. By now fires are starting all over the building, and the enraged Duncan discovers that his son-in-law, Simmons (Chamberlain) is the one who chose the cheaper wiring to save money. As the night goes on the fire races closer and closer to those trapped in the Tower, until the Chief discovers that detonating the water tanks above them will likely drown the fire - but will it kill the remaining men trapped inside?

Narrative/Rationale: (Appropriate Examples)

Poor Mitigation

Chronology of Film: (Appropriate Emergency Management Related Information)

11:43 Two small fires ignite in building from electrical fire
16:00 Mitigation and the lack of adherence to building codes are discussed
18:30 Compound and complex disaster = electrical problems related to the security system
20:30 Discussion of building codes and the importance of adherence to them
26:20 Federal Urban Renewal Administrator and other dignitaries begin arriving at The Glass Tower party
37:00 Start of large fire; The probable cause from overload of having all the lights in building on for grand opening event
40:30 Call from Doug Roberts to James Duncan about fire; Duncan doubts the severity of fire and continues gala
44:00 Command system set-up to respond to fire; Discussion by O'Halloran of the problems of fighting high rise fires
48:50 Problems of risk communication is discussed between the participants; Chief afraid of panic before telling occupants of the fire below them

53:40 Flashover on the 81st floor; Entire floor is consumed with fire
 54:15 Roberts has a discussion with Duncan about cost-cutting measures to get building completed
 56:20 Fire Chief begins to fight fire as responder
 1:10:00 Push for elevators
 1:11:35 South exit from Promenade is blocked
 1:17:30 Women walking out of building notes The Glass Tower was supposed to have fire drills
 1:20:00 Triage center is set-up to deal with injured
 1:31:00 Firefighter discusses fear of panic from occupants
 1:36:00 Explosives are attempted to be used to blow fire door of top floor
 1:45:00 Building codes, fire stops, and fire doors are all discussed as part of response
 1:50:00 People Run towards helicopter; The chopper crashes
 2:07:00 Discussion by builder that occupants may not live
 2:15:30 Discussion begins to blow water tanks
 2:18:30 Panic ensues as son-in-law of contractor attempts to escape from building

Starring

Steve McQueen – Michael O’Hallorhan
 Paul Newman – Doug Roberts
 William Holden – James Duncan
 Faye Dunaway – Susan Franklin

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color	165 min.	PG	English

Back to [Feature Films](#) or [Documentary/Videos Lists](#)

Twister^{xxii}

Directed By:	De Bont, Jan
Produced by	MCA/Universal Pictures MacDonald, Laurie (Executive Producer) Molen, Gerald (Executive Producer) Parkes, Walter (Executive Producer) Salloum, Glenn (Executive Producer) Speilberg, Steven (Executive Producer)
Released	1996

Hazards Associated with Film:

Tornado

Plot Summary:

TV weatherman Bill Harding is trying to get his tornado-hunter wife, Jo, to sign divorce papers so he can marry his girlfriend Melissa. But Mother Nature, in the form of a series of intense storms sweeping across Oklahoma, has other plans. Soon the three have joined the team of storm-chasers as they attempt to insert a revolutionary measuring device into the very heart of several extremely violent tornados.

Narrative/Rationale:

Jo attempts to rectify the death of her father through the study of tornadoes. She hopes to increase tornado warnings by using Bill's concept of "Dorothy". This action movie provides many scenes of actions people should not take in the event of being near a tornado.

Chronology of Film: (Appropriate Emergency Management Related Information)

0:39 Opening sequence with Jo as a child in tornado; she loses her father in the storm
14:30 Description of "Dorothy"; tornado information gathering technology created by Bill and Jo
15:50 Crew begins first series of storm-chasing
23:50 Bill begins to "sniff dirt" in attempt to determine direction of storm during break
29:30 First sighting of tornado
32:15 Bill and Jo hide under farm bridge to escape tornado
36:01 Start out to chase 2nd set of tornadoes
38:46 2nd tornado sighted
41:40 Water spouts sighted; called "sisters" for the multiple cyclones
51:30 Start of chasing 3rd set of tornadoes
57:30 Begin deploying equipment and attempt to use "Dorothy II"; which fails
1:12:00 Tornado impacts city where crew is staying
1:14:40 Tornado bears down on Wakita; town where Jo's Aunt lives
1:18:00 Crew enters Wakita; Aunt and Jo note the lack of warning system for community
1:22:45 Warnings begin for forth and last/largest set of tornadoes
1:25:30 Crew embarks on final journey to tornadoes
1:29:00 "Dorothy III" deployed and fails
1:33:45 Jonas and driver are pulled into tornado for not heeding Bill and Jo's advice
1:37:20 "Dorothy IV" flies into tornado and recovers information for future analysis and potential better preparedness

1:41:30 Bill and Jo are forced to strap themselves to well shaft to avoid being pulled into tornado

Starring

Bill Paxton – William Harding
Helen Hunt – JoAnne Thornton-Harding

Availability:

Blockbuster Video
Hollywood Video
Movies Unlimited
Netflix.com

Color System	Run Time (full)	MPAA Rating	Language
Color	113 min.	PG – 13	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Volcano^{xxiii}

Directed By:	Jackson, Mick
Produced by	20 th Century Fox Donner, Lauren Shuler (Executive Producer)
Released	1997

Hazards Associated with Film:

Volcano

Plot Summary:

A volcano erupts in downtown L.A., threatening to destroy the city.

Narrative/Rationale: (Appropriate Examples)

This movie provides an overview of Roark's job as emergency manager for the City of Los Angeles. While undoubtedly not showing the actual use of emergency managers in disaster, this film did bring emergency management to the forefront.

Volcano had little mention of recovery aspect of Los Angeles' response methods.

Roark and company used a very technological approach to response.

Chronology of Film: (Appropriate Emergency Management Related Information)

:34 Description of Office of Emergency Management for the City of Los Angeles
2:31 Political dispute of stop on the transit line
4:16 First Earthquake strikes
7:35 Mentioning of mitigation measures taken on building by Emmit Reese
9:05 Gas explosion at MacArther Park
10:50 Response and recovery mentioned during discussion of whether or not to shut down red line of train service
12:30 Roark enters sewer pipe to determine the nature of the gas leak
17:00 La Brea Tar Pits begin to increase gas emissions
19:00 Emergency Operations Center Roark and Reese work in EOC
22:00 Dr. Barnes notes a geological event of warming the pond
25:00 Elephant in tar pits begins to sink
27:15 2nd large earthquake; Dr. Barnes assistant perishes in heat
29:10 EOC in Los Angeles is back-up and running immediately after quake
31:00 Manhole covers begin blowing off street on Wilshire during Roark's attempt to get to work
34:00 Lava rocks continue to fly through air causing fires
34:30 A-train lost in tunnel; Metro administration sets out to rescue personnel
36:00 Fire apparatus struck by projectile
36:30 Looting begins on Wilshire; National Guard is activated
38:50 Roark attempts to save trapped firefighter
43:30 Roark helps run disaster from scene; caught running down street by news helicopter
49:30 Art is attempted to be saved from impending lava by two security guards

50:00 Roark and first responders attempt to roll bus in path of lava
 52:30 Roark and Dr. Barnes attempt to rescue person on ground; hang off back of fire ladder over lava
 56:40 Metro administration reaches trapped train and attempt to save personnel
 58:30 Field hospital created in attempt to setup triage points for injured
 1:02:40 FAA closes airports in area of Los Angeles
 1:05:00 K-Rails are used to pool lava flowing down street
 1:08:00 Animals in disaster report by newsperson
 1:09:40 American Red Cross Shelters were mentioned as part of a news report
 1:20:00 Request of evacuation of hospital in 30 minutes because of impending lava eruption in parking lot of hospital
 1:26:20 EOC shots as parts of panning around disaster scene; building is started to charged for explosion to protect hospital
 1:31:10 Building is imploded and street is exploded to move lava into ocean
 1:36:10 Discussion of tactics between Roark and Barnes; discussion of earlier warning for citizens

Starring

Tommy Lee Jones – Mike Roark
 Anne Heche – Amy Barnes
 Don Cheadle – Emmit Reese

Availability:

Blockbuster
 Hollywood Video
 DVD Empire
 Netflix.com

Color System	Run Time (full)	MPAA Rating	Language
Color	104 min.	PG – 13	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Twister^{xxiv}

Directed By:	De Bont, Jan
Produced by	MCA/Universal Pictures MacDonald, Laurie (Executive Producer) Molen, Gerald (Executive Producer) Parkes, Walter (Executive Producer) Salloum, Glenn (Executive Producer) Speilberg, Steven (Executive Producer)
Released	1996

Hazards Associated with Film:
Tornado

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring
Bill Paxton – William Harding
Helen Hunt – JoAnne Thornton-Harding

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color	113 min.	PG – 13	English

Back to [Feature Films](#) or [Documentary/Videos Lists](#)

Documentaries/Videos:

<p>Appalshop, Inc. Buffalo Creek Revisited</p> <p>NOVA Ebola: The Plague Fighters Flood! <i>Tornado!</i> The Day the Earth Shook In the Path of a Killer Volcano <i>Deadly Shadow of Vesuvius</i> <i>Volcano's Deadly Warning</i></p> <p>The Discovery Channel Air Crash Flood of the Millennium <i>Raging Planet – Fire</i> <i>Great Quakes – Kobe, Japan</i> <i>Landslide: Gravity Kills</i> WTC: The First 24 hours</p> <p>Inecom Entertainment Company Johnstown Flood</p> <p>Weather Channel <i>Hurricanes '95</i> <i>The Storms of the Century</i></p> <p>Blue Sky Foundation <i>Winds of Change: Hurricane Mitigation for NC, 2/20/01</i></p> <p>Films for the Humanities Bhopal: The Second Tragedy</p> <p>Back to Films</p>	<p>The American Experience <i>The Johnston Flood</i> The Great San Francisco Earthquake Meltdown at Three Mile Island</p> <p>The History Channel First Response</p> <p>PBS Blue Planet: Planet Earth</p> <p>National Geographic <i>Asteroids: Deadly Impact</i> <i>Extreme Planet – Built for Extremes</i> <i>Storm of the Century</i> Cyclone! <i>Killer Wave: The Power of Tsunami</i> Nature's Fury <i>Nature Strikes</i></p> <p>A&E Videos <i>Inside Story: Aftermath: The Nashville Tornado</i> The New Face of Terrorism</p> <p>CDC <i>CDC Responds: Risk Communication and Bioterrorism</i> <i>CDC & US Department of Education Collaborate to Help Schools Prepare for Possible Terrorism</i></p> <p>Scott Resources Hurricane: Earth's Greatest Storm</p>
---	---

Buffalo Creek Revisited^{XXV}

Directed By:	Pickering, Mimi
Produced by	Pickering, Mimi Appalshop, Inc.
Released	1985

Hazards Associated with Film:

Dam Failure
Flooding

Plot Summary:

This documentary uses numerous victim interviews to describe the collapse of the Buffalo Creek Dam. It also provides background information on the dam failure and company that operated the facility

Narrative/Rationale: (Appropriate Examples)

The black and white documentary talks to numerous victims and persons involved with the Buffalo Creek disaster. It provides a victim's perspective on the event.

The viewer must pull out the various principles and theories of emergency management as concepts were not explicitly stated. However, the short video is worth viewing.

Victims trying to cope and recover with the event are one of the more striking aspects of the film. It describes the problems people had with alcoholism, drug abuse and lack of resources to rebuild are all described. It shows men crying from seeing people in houses being washed downstream.

Chronology of Film: (Appropriate Emergency Management Related Information)

:41 Victim describing water washing away homes

2:20 West Virginia Coal Patrol on screen

2:30 Victim interview who describes seeing woman and her baby being rushed by; describes the wall of water flowing down with 14 houses on front of it that are destroyed as they hit a bridge

4:20 Song about Buffalo Creek is played

5:15 Consulting engineer is interviewed; he explains the use of dam to wash coal

6:40 Worker explains reports from federal bureaus; dam was not built for load of water and coal wash

8:15 Dam system is explained and diagramed; failure sequence is shown to viewer via diagrams

10:00 Explanation of human error before the break; this is why no evacuation was ordered according to victim
 12:00 Pittston Coal Company discussion – owner of dam; it describes their poor safety record and failure to pay fines
 15:30 Citizens commissioner interviewed; describes the coal companies lack of adherence to laws governing coal mining
 18:30 Governor’s written comment on Buffalo Creek is provided on screen
 21:00 Many other dams were subject to failure similar to Buffalo Creek according to Interior Department warnings
 23:00 In Richmond, VA, the Pittston Coal Company had its annual stock holders meeting; impacted citizens sent representatives from the community to try and get restitution from the company
 24:40 CEO of Pittston company is interviewed; stated that restitution would be made
 26:15 Victim described the importance of volunteer organizations in recovery from disaster; \$3-5,000 of the \$15,000 requested was given to the families
 29:40 Initially, the coal company claimed the dam failure was an “act of God” in that he provided more water than the dam could hold
 31:41 “Federal Assistance Area” sign was shown; numerous mobile homes in large groupings were shown to house families
 32:00 Post-traumatic Stress Disorder was discussed from victims of incident; alcohol abuse, drug abuse
 33:30 The coal company felt little impact because of small payout to victims
 36:30 A properly built dam would have cost approximately \$55,000

Starring

Availability: VHS http://www.appalshop.org

Color System	Run Time (full)	MPAA Rating	Language
Color	41 min.	NA	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Ebola: The Plague Fighters^{xxvi}

Directed By:	Bienstock, Ric Esther
Produced by	Jacobovici, Simon Halpern, Elliot Bienstock, Ric Esther WGBH, Boston, MA
Released	1996

Hazards Associated with Film:

Biological (virus)

Plot Summary:

Examines the discovery of the Ebola virus, a virulent hemorrhagic fever, first seen decades ago, and reaching current world notice with a recent outbreak in Kikwit, Zaire

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

2:00 Footage of mass burials in April 1995, Zaire, Africa

2:55 Group of Centers for Disease Control experts examine Ebola

3:50 Medical teams go to examine and treat victims of outbreak

6:10 Footage of isolation of sick; documentation of virus; importance of finding all cases to cease outbreak; search for more cases of Ebola

7:15 Case study discussed of previous Ebola outbreak

8:10 1995 outbreak discussion; footage of doctors responding to Zaire; descriptions of symptoms and problems associated with disease; discussion of the lack of cure or adequate treatment for patients

13:10 In Marburg, German an outbreak in 1967; first case in Europe; one week from onset to death

14:40 Small outbreak near Washington, DC; Reston, Virginia saw monkeys killed by Ebola from the Department of Defense; disease was feared to be spread through ventilation system

16:30 Description of the "chain of death" was described; doctors discussed how they attempted to break the chain

18:20 Funeral ritual of the dead was shown; Red Cross teams attempt to deal with cultural issues while providing for safe medical conditions of citizens

20:00 Spread of disease and description of Kickwit Village, Zaire; village had no public health system; insects and rats are carriers of disease; attempts at public education for villagers
24:00 Footage of Ebola ward at village hospital; used bleach to disinfect; Personal protective equipment was burned; doctors are unable to leave infected area because of travel constraints; doctors try to calm family fears as they travel to assist villagers
26:30 Video on Ebola is shown as local entertainment for citizens on old television and VCR
31:40 200 villagers were killed from 1995 outbreak
32:30 Explanation of first victim of 1995 outbreak (index case); many attempts to find the host animal
38:20 Abandonment and hiding of victims was aftermath of public education program
41:20 Worker with personal protective equipment becomes sick; treatment methods include a transfusion with clean blood
51:00 In total, 244 died of Ebola of 361 infected.

Starring
Keach, Stacy (Narrator)

Availability:
VHS and DVD
www.pbs.org

Color System	Run Time (full)	MPAA Rating	Language
Color	55 min.	NA	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Tornado!

Directed By:	Whittlesey, Rob Buckner, Noel
Produced by	Jacobovici, Simon Halpern, Elliot Bienstock, Ric Esther WGBH (Series NOVA) Boston, MA
Released	1996

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

--

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

The Day the Earth Shook^{xxvii}

Directed By:	Whittlesey, Rob Buckner, Noel
Produced by	Jacobovici, Simon Halpern, Elliot Bienstock, Ric Esther WGBH (Series NOVA) Boston, MA
Released	1996

Hazards Associated with Film:

Earthquake

Plot Summary:

This film examines the impact of earthquakes. It uses quakes such as the Kobe, Japan and several California earthquakes as case studies.

Narrative/Rationale: (Appropriate Examples)

This is an excellent video to provide basic information on earthquake related information. It provides information on all phases of emergency management. The film also discusses several recent large earthquakes and provides footage of the damage and recovery process.

Chronology of Film: (Appropriate Emergency Management Related Information)

1:55 (VHS version starts) Case study of Kobe, Japan earthquake; 5,000 persons died in plant; additional information on earthquake; Footage of victims
4:00 Victim (teacher) interview that moved from Los Angeles to Kobe
6:20 Shots of fire from Kobe quake; problems such as firefighters running out of water from broken water lines
12:00 Discussion of construction techniques; search and rescue for trapped persons is described
15:00 Seismologists study the problems and attempt to determine method of earthquake prediction
18:00 The various elements of earthquakes explained to the viewer; the use of video to examine quakes as a means to determine the movement of ground
23:20 Comparison of two quakes; Northridge earthquakes moved away from the central city; A comparison of occupancy of quakes (both were generally empty)
29:00 Building codes and standards explained; reinforced buildings less likely to collapse; elevated highway and expressway collapse

31:30 LA Freeway Collapse; modern bridges survive in Kobe; older structures and docks collapse
 33:15 Soil types impact on soil; explanation of soil liquefaction in Kobe
 35:00 Bridge to Orange Island moved one meter from mainland
 36:00 Wave motion of earth explained; stated that movement is like ripples in pond
 38:20 Tokyo's preparation strategy for quake; emergency supplies are stored throughout Japan for disasters
 40:00 Earthquake simulation room is used for public education; shows the difference between P&S waves of ground
 42:00 Seismometers (used to measure movement) are explained
 43:20 Alerts devices for trains described; Tokyo Gas sensor system to prevent conflagration
 48:45 Use of information by California first responders such as GIS systems for search and rescue and victim location
 50:00 Description of the response network based on prepared cities

Starring
Keach, Stacy (Narrator)

Availability:
 VHS or DVD
www.pbs.org
 Interlibrary loan

Color System	Run Time (full)	MPAA Rating	Language
Color	55 min.	NA	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

In the Path of a Killer Volcano^{xxviii}

Directed By:	Whittlesey, Rob Buckner, Noel
Produced by	Whittlesey, Rob Buckner, Noel WGBH (Series NOVA) Boston, MA
Released	1992

Hazards Associated with Film:

Volcanic activity

Plot Summary:

This film examines the impact of earthquakes. It uses quakes such as the Kobe, Japan and several California earthquakes as case studies.

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

:58 (VHS version begins) with NOVA information
1:35 Credits begin
2:07 Footage of volcano activity; USGS personnel interview
4:00 Attempts to predict the eruption of a volcano; case study of Mount St. Helens; new technology is explained in volcano research
4:50 Mount Pinatubo, Philippines case study is examined; victim interviews
9:00 Explanation of sulfur dioxide measuring
11:00 An examination of the historical perspective of Mount Pinatubo is taken
12:30 Pyroclastic clouds and lava are shown and discussed
16:50 Eruptions levels of volcanoes are explained to viewer
18:00 Scientists describe the problem of evacuation in volcano related events; decision process for ordering mandatory evacuations is discussed
22:01 The meeting between scientists and Clark Air Force Base in the Philippines is shown and discussed; decision process of raising level to "Alert 4" is discussed; 110,000 total were evacuated
31:50 Pinatubo erupts on June 12

34:20 Shots of eruption of Mount Pinatubo
 35:00 Ash clouds were reportedly going 50 miles; a typhoon is headed in the direction of the volcanoes eruption
 36:30 Descriptions of survivors are played
 40:00 More evacuations are required from Mount Pinatubo; instruments measuring volcanic activity ceased operation
 41:40 Footage of General Studor of Clark AFB at a new conference; survivors describe their evacuation experience
 45:00 Description of damage from volcano and the typhoon; survivors describe their experience
 48:00 Recovery process of the Mount Pinatubo area is explained
 49:00 Narrator tells of the Pinatubo eruption was ten times more powerful than the Mount St. Helens eruption
 50:30 Footage of the ash flow
 52:10 Enduring economic impact of the eruption discussed; 650 jobs lost; Clark AFB closed; were small eruptions over one year afterwards

Starring
Holbrook, Hal Layman, Will

Availability:

VHS or DVD
www.pbs.org
 Interlibrary loan

Color System	Run Time (full)	MPAA Rating	Language
Color	55 min.	NA	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Deadly Shadow of Vesuvius

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Volcano's Deadly Warning

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Flood

Directed By:	Campbell-Jones, Suzanne
Produced by	Jones, Peter (Series Producer) WGBH – Boston, MA
Released	1996

Hazards Associated with Film:

Flooding

Plot Summary:

Examines the 1993 flooding of the Mississippi River in the Midwest.

Narrative/Rationale: (Appropriate Examples)

This documentary provides an excellent overall view of flooding using the 1993 event as a case study. The video provides information on the factors of flooding, impact of levees and channeling water as well as mitigation measures taken to save citizens from being impacted again.

Chronology of Film: (Appropriate Emergency Management Related Information)

2:00 Factors causing the 1993 flood
3:45 Army Corps of Engineers and other resources used to combat flooding is discussed
4:50 Evacuation and self-preservation of animals and people is described
5:30 Information given such as this flood being the most costly flood in American history
5:50 Weather factors that influenced the flood; history of Mississippi River disasters; "Taming" of disasters is discussed
9:30 Explanation of different portions of the floodplain is given; importance of flooding is explained
10:45 Case study of Quincy, IL is given; community experienced 500 year flood; methods of flood fighting used; victims of flood interviews
17:00 St. Louis, MO case study is examined; on July 22, 1993, city experienced a leak in the flood wall; implications of the flood wall for area described
19:00 Hazardous materials in flooding is explained; case study of propane leak in south St. Louis; Kansas City, KS had small propane explosion
21:30 August 1st, Columbia, IL case study is examined; city chose to relieve pressure on tanks; created a suction away from St. Louis; Valmeyer, IL was impacted instead
24:00 Case study of Valmeyer, IL
25:00 Prairie du Roche, IL case study is examined; their flood fight is shown; to save town, dynamite was used to create hole in dyke
32:40 Explanation of poorer communities (such as Valmeyer, IL) with smaller levees succumbed to

flooding; Relocation after flooding was used to protect citizens from additional problems
38:00 St. Charles County had the 3rd highest flood claims; numerous attempts at mitigation measures such as buy-outs and elevation are discussed
44:00 Mitigation measures are described further; soil usage and erosion problems; understanding crop loss by farmers; buy-out meetings are shown; the concept of acceptable risk is discussed
53:00 100 and 500 year flood-plains are explained for viewer

Starring

Holbrook, Had (Narrator)
Layman, Will (Narrator)

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos Lists](#)

Blue Planet: Planet Earth^{xxix}

Directed By:	Information unavailable
Produced by	Thomas, Theodore KERA – Dallas, Texas WQED – Pittsburgh, Pennsylvania
Released	Information unavailable

Hazards Associated with Film:

Global warming
El Nino
Ocean Circulation Changes

Plot Summary:

Explores physical oceanography and ocean-atmosphere interaction, focusing on the ocean circulation, the currents, El Niño, the Gulf stream, and how they affect navigation, weather, temperature, and life on earth.

Narrative/Rationale: (Appropriate Examples)

This film provides long-term effects of disaster agents such as global warming. It shows the impact of El Nino on the entirety of the world, not just the coast.

Chronology of Film: (Appropriate Emergency Management Related Information)

3:00 Credits begin after introduction
4:30 Footage of swirling eddy in water
6:00 Discover link between weather and wave movement; it is called “weather of the sea”
7:30 National Center for Atmospheric Research in Boulder, CO; research agencies attempt to create 3-D models of the water’s movement
10:00 Discussion of the Gulf Stream in Atlantic Ocean
12:00 Use of the currents to win races from Nantucket to Bermuda
19:00 Antarctica and its currents; deep currents are extremely slow moving; discussion of how the food chain in Antarctica is impacted by ocean currents
23:00 Goddard Space Center in Maryland; Center creates maps of the seaboard and plankton movement; measure plankton amounts in the currents; it impacts production of oxygen and food for animals, for example tuna follow the plankton
27:00 Numerous examples of current actions because of fluctuations in 1983; sea life impacted by temperature; all the changes are proposed as an impact of El Nino.
32:00 Description of El Nino and its history of being studied
42:00 Sounds of the sea; explanation of whales hearing across ocean basin; echo sounding the bottom of the ocean

48:00 Core samples taken to determine temperature and climate/glacial activities
50:00 Sea cliff and deep dive vehicles; can dive to 20,000 feet; searching for vent areas, meaning cracks in bottom of ocean; hot water from molten rock seep into the ocean; creates oasis in bottom of ocean; it has its own ecosystem, including bacteria to sustain life

Starring
None listed

Availability:
VHS

Interlibrary Loan

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Bhopal: The Second Tragedy^{xxx}

Directed By:	Not stated
Produced by	Not Stated
Released	1995

Hazards Associated with Film:

Chemical Release
Hazardous Material

Plot Summary:

In 1984, the city of Bhopal in India was the site of one of the world's most devastating chemical disasters. Over the ten years since the gas leak from the Union Carbide factory, the death toll stands at 20,000 and more than 600,000 personal injury suits have been filed. Although the signs of the poisoning are still clearly visible on the streets and people are still dying in scores, the victims have received little compensation for their suffering. This program returns to the scene of the accident and uncovers a story of secrecy, corruption, mismanagement, and misinformation on the part of both Union Carbide and the Indian government. This thoughtful and moving program shows how much of the suffering in Bhopal could have been avoided.

Narrative/Rationale: (Appropriate Examples)

This film provides the chronic effects of the Bhopal Tragedy. Through victim interviews and footage, it provides a graphic example of the impact of hazardous material releases.

It is an excellent resource to examine long term recovery from chemical spills.

It also provides a unique perspective on developing countries and large disasters as well as international disasters.

Chronology of Film: (Appropriate Emergency Management Related Information)

1:20 Shots of factories are shown as part of opening of documentary

2:00 Footage of injured and dead; Discussion begins of the methyl isocyanate release and the Union Carbide plant; additional footage of the animals and the dead

3:00 Title sequence

3:50 Facts of release are provided; 2,000 dead in two days

4:15 Victim interviews describing the event are provided

5:00 Information provided such as the largest industrial disaster thus far; Factory was abandoned after event

5:30 Statistics provides: 15,000 death claims; 600,000 injury claims

6:00 Union Carbide Chief Executive Officer statements; Narrator states that Union Carbide is "passing the buck" to Indian government

7:00 Narrator describes the Union Carbide officials diverted disaster to Indian government
 8:00 Attorney Coale went to India to get money for victims; class action suit of nearly 60,000 people
 10:30 Victim interview; still living near abandoned plant in meager space
 11:30 Description of how the United State responded to this event; Indian people denied trial in the U.S.; Union Carbide was provided "fortress for companies" to keep away lawsuits
 14:00 India accepts the trial of Union Carbide
 15:30 Victims that need constant and expensive medication are interviewed
 16:30 \$470 million dollars is decided for the victims of the Bhopal tragedy by Indian Supreme Court; No victim is permitted to testify or be interviewed
 18:10 Many victims are still waiting on their payment as part of settlement; 10% has reached victims; Special courts have been created to assist victims; Corruption by judges is rampant; Victim advocates see this process as a "failure of government"
 22:50 A hearing for victim settlement is provided
 23:30 The area is still feeling the affects
 24:00 The focus of the documentary switches to Institute, West Virginia and the numerous chemical plants dotting the area; A release sends 135 people to hospital
 26:00 Congressman Jim Florio is interviewed; he discusses the cost/benefits or chemical industry
 28:20 The "Responsible Care" initiative is discussed; Emergency procedures are also discussed
 29:30 Discussion of leaks, reportable quantities and accountability are described
 31:40 Victim morale meetings in Bhopal are provided to keep victims encouraged
 32:40 First aid stations in the Bhopal area profit from victims ailments
 35:10 Description of chemical industry from Brownsville, Texas to Mexico; 2,000 factories in Mexico; Workers live just outside chemical plants with little environmental regulation
 39:20 Indian Government refuses to release medical findings of victim studies
 42:00 Several hypothesis are examined in the Bhopal release; Sabotage is examined; Unprofitable plant is examined; Poor maintenance is explored as cause
 45:00 Bayer incident in Rio de Janero incident is explored; Discussion is provided as growing economies are becoming involved in industrial activities

Starring
Not stated

Availability:
 VHS and DVD
www.primedia.com

Color System	Run Time (full)	MPAA Rating	Language
Color	52 min.	NA	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Influenza 1918

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Rachel Carson's Silent Spring

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

The Johnston Flood^{xxx}

Directed By:	Bussler, Mark
Produced by	Burkett, Richard Ingram, Dan
Released	2003

Hazards Associated with Film:

Flood

Plot Summary:

"At 3:37p.m., the massive dam explodes, unleashing 20 million tons of water that crash down the Conemaugh Valley, wiping out half a dozen towns and taking with it nearly everything on its way to Johnstown. The people of Johnstown never imagined that they could experience such horror and ruin. When the flood hits the busy town, it flattens almost everything in its path. The mass of water travels fiercely, crashing into a stone railroad bridge, which it cannot destroy. Everything the flood gathers smashes into the bridge, further damming up the water and creating a giant whirlpool. When a railroad car catches fire, it further adds to the destruction."

Narrative/Rationale: (Appropriate Examples)

This documentary provides a solid victim's perspective of the disaster that occurred after a damn break. The events leading up to the flood are explained. Problems with recovery are discussed by townspeople who tried to keep order and rebuild.

The DVD has additional footage with the narrator of the Johnstown Museum and provides great data about this event.

Chronology of Film: (Appropriate Emergency Management Related Information)

:23 30,000 people were killed; Cambria Iron works discussed
2:20 May 1st, 1889; Description of events leading up to the flood including long week of rain
7:10 Mentioning of school being in session; Conemaugh Lake Reservoir and the Southfork Dam were discussed as part of events causing flood
8:30 In the year 1857, railroad bought Southfork Dam; mud, hay and horse manure were used to repair the dam; Pipes used to regulate the dam were removed; Reservoir was only meant to be 10 feet deep; Conemaugh Lake was 3 miles long and one mile wide
10:40 Several citizens were described as fearing dam would break
11:20 Friday, May 31st, seepage through dam and the dam was overtopped; Rate of 1ft per hour
12:50 The dam stoves begin to sink

14:00 Town of Southfork was struck with flood water from dam
 15:00 Stone viaduct between Southfork and Mineral Point was hit by rushing flood water
 15:40 Mineral Point was struck; town was washed away and carried on the waves of flood
 16:30 Penn Railroad lost roundhouse and many trains
 20:15 Woodvale struck by water
 22:50 At 3:37 PM, Johnstown is struck by water
 28:00 Descriptions of the survivors who were in hotel
 29:30 200 people were saved in Alma Hall
 30:20 Remnants of Johnstown smash into railroad bridge then is repelled back into Johnstown; Water is swirled from backlash of hitting bridge causing more damage
 32:40 Fire began to burn from oil near bridge; Debris caught in railroad bridge began to burn
 36:30 By 4:00 PM, Johnstown is gone
 38:00 June 1st arrives as cold day with light rain; Cambria Iron Company (largest steel mill) is ruined or destroyed
 41:00 Citizens wandered streets to find homes and families
 41:40 Remains of victims were found under most debris piles
 43:00 Schoolhouse used as morgue; large number of victims were children who were unable to swim
 44:30 Letter read from Anna Fern Maxwell who lost her husband and seven children from flood
 46:00 Doctors believed many victims died from violent contact with objects
 48:35 Some believe ample warning was given; many heeded warning and left town for higher ground
 49:19 Looting is described; overall many helped with the recovery efforts
 50:20 Some men tried to impart law on destroyed town
 52:20 Citizens cleared the town with pick axe and shovels as part of recovery efforts
 53:00 Reports flooded from Johnstown; Clara Barton came as part of recovery effort; Tomb of Unknown Victims was created for victims
 54:30 No lawsuits were filed against Southfork Hunting and Fishing Club; Johnstown Dam is still there; Alma Hall still stands

Starring
Richard Dreyfus (Narrator)

Availability:
 VHS and DVD
www.johnstownflood.com

Color System	Run Time (full)	MPAA Rating	Language
Color	60 min. (approx.)	NA	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

The American Experience: Great San Francisco Earthquake: 1906

Directed By:	No director's credit given
Produced by	WGBH Boston Weidlinger, Tom (Produced and Written by)
Released	1988

Hazards Associated with Film:

Earthquake
Fire

Plot Summary:

In the early 1900s, San Francisco stood as a proud and flourishing symbol of America's recent subjugation of the once-wild west. But on April 18, 1906, the city would experience an awesome reminder of the uncontrollable forces lying dormant just beneath the splendors of its cosmopolitan surface. The earthquake measured 8.3 on the Richter Scale, resulting in the worst catastrophe ever suffered by a North American City. (Quote taken from tape jacket)

Narrative/Rationale: (Appropriate Examples)

Little to no mention of non-structural or structural mitigation requirements before or after earthquake and fire.

Chronology of Film: (Appropriate Emergency Management Related Information)

5:00 Discussion of 1865 earthquake and its part in the folklore of San Francisco
 5:30 City had nearly burnt to ground six times by 1906
 5:40 Mentions modern fire department as part of preparedness program
 6:00 1/3 of city's people are special population – non-American, non-English speaking
 6:45 City's construction described as house of cards
 7:00 Discussion of special population – City's residents in Chinatown
 10:00 Narrator explains the Palace Hotel is protected by sprinkler system
 13:00 Few buildings in San Francisco are built of steel, concrete and brick; most buildings are framed and sided in wood
 14:00 Fire department consists of 38 steamer wagons; 584 fireman; and 320 horses
 14:25 Narrator notes insurance underwriters state that city goes against all underwriting principles by not burning to the ground
 15:20 Several interviews of earthquake providers are shown
 16:00 Description of damage occurs along 300 miles of San Andreas fault; quake equivalent to 6 million tons of TNT; described as greatest natural disaster to occur in North America
 17:45 Disaster shock described as people wandered the streets "as if a good friend had wronged them."

People continued to wait for commuter trains after quake
 18:25 People requested to watch buildings for potential looting
 20:50 Narrator mentions hospitals are overcrowded, began to use dance halls as triage centers
 21:50 Gas mains are snapped; 50 fires are burning across the city; fire department has no water for steamers as water mains are also damaged; and telephone/telegraph lines are down
 22:31 Mayor issues decree that looters will be shot on sight
 22:45 Army is requested to assist in response and recovery; narrator mentions some soldiers were looting
 25:00 Army decides to use dynamite in response to fires to create fire breaks
 27:00 Fire storms were reported; several citizens were reported to have been consumed by fire storms
 28:15 Women interviewed recalls having post-traumatic stress nightmares as a child from seeing fires
 28:50 Attempts were made at mandatory evacuations of impacted portions of city
 29:30 Looting was reported by adolescents; pictures shown of two boys wearing signs stating they were caught looting
 31:30 Sensationalism was discussed of the newspapers description of scenes
 32:15 Disaster shock mentioned as citizens returned to their damaged and/or destroyed homes
 33:00 Man being interviewed stated his family was subject to price gouging for wagon rides out of town
 34:30 Damage estimated to be 50,000 homeless and 3,000 killed by earthquake and subsequent fire
 37:40 Narrator discusses pillaging of survivors for cans of food and water as both are scarce
 40:00 200,000 sheltered in tents
 43:00 Fear of epidemics from blocked sewers and rats (bubonic plague); city paid bounty for dead rats
 44:00 \$170 million in insurance claims
 45:00 Walls of impacted buildings razed; bricks discarded or cleaned for use on new buildings; city spent \$20 million in debris removal
 46:00 First line of trolley system working 10 days after quake
 47:15 Notes the local relief agencies set up to respond to citizen and community needs
 48:00 Convergence of tradesmen to assist in rebuilding city
 49:20 28,000 buildings were destroyed in earthquake and fire; over 25,000 were rebuilt in 3 years
 51:20 San Francisco lobbied and was able to host World's Fair by 1915 showing impact of short and long-term recovery
 54:00 By 1915, the city switched entirely from horse-drawn steamers to fire trucks; installed high pressure water mains to serve citizens and serve fire fighters

Starring
F. Murray Abraham (Narrator)

Availability: No longer commercially available Local university or community library
--

Color System	Run Time (full)	MPAA Rating	Language
Color	60 min.	NR	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Meltdown at Three Mile Island^{xxxii}

Directed By:	Gazit, Chana
Produced by	Gazit, Chana Stewart, David WGBH (American Experience) Boston, MA
Released	1999

Hazards Associated with Film:

Nuclear Accident
Radiation

Plot Summary:

This film describes the events leading up and the response to the Three Mile Island Nuclear Power Plant reactor meltdown.

Narrative/Rationale: (Appropriate Examples)

Using actual footage, politician, responder and victim interviews, this documentary provides a solid examination of the problematic response to the TMI meltdown. This film touches on the fears and concerns of risk communication to the public. It also discusses the problems of communication between the various levels of government and the power plant.

Chronology of Film: (Appropriate Emergency Management Related Information)

1:00 (VHS begins)
2:25 David McCullough provides background to film
4:30 Three Mile Island (TMI) footage
5:00 Description of community surrounding TMI
5:40 Explanation of the how the release started; human error leading up to the meltdown
7:00 Footage of the control room at TMI
7:30 Description of the radiator core problems; controllers did not believe it would happen
9:40 The general emergency is called by the plant
10:30 Local media learn of the problem and begin seeking information
11:50 Governor of Pennsylvania interviewed
13:25 Description and footage of the media who converged on TMI to obtain more information
15:40 Footage of the Nuclear Regulatory Commission and the opening of the Emergency Operations Center for the TMI incident
16:40 Communications problems between the plant and the personnel on site; personal protective equipment causing communication problems; no direct line of communication between the NRC and the TMI personnel; designers of the reactor were unable to get through to TMI personnel for five hours

19:20 Footage of the NRC commissioner at a congressional hearing
 21:00 NRC personnel describe the problem of reviewing plans to build power plants
 22:00 Numerous problems had occurred with the valve that malfunctioned prior to TMI meltdown
 23:30 Governor is frustrated with the lack of information coming from the plant; some senior administrators for governor dawn PPE and enter plant
 26:00 Plant goes out of control again on Friday morning; evacuation is considered
 26:50 Documentary mentions the state and local emergency operations plans; two local plans had evacuation routes opposing each other over the same bridge
 28:20 Harrisburg, PA civil defense system is activated; try to decide shelter in place or evacuation; impact of film "The China Syndrome"
 29:30 Interview of resident is shown; officials are afraid of panic behavior in evacuation
 31:00 Media personnel are requested to watch "China Syndrome" in order to prepare themselves for reporting at TMI
 33:00 Women and children are requested to evacuate the area near TMI; nearly 140,000 people evacuate
 36:30 Howard Denton is dispatched to scene by President Carter; he begins to restore trust in skeptical crowd
 38:00 Gas bubble is found in reactor; fear from scientists of a hydrogen explosion
 42:05 Media hears of possible explosion; information seeking from media during press conference becomes hostile as limited information is given
 44:05 President Carter comes to tour TMI to restore hope in citizens
 45:20 A scientist goes to church and hears priest give General Absolution to congregation; rite only given when death is eminent
 50:00 Scientists realized a wrong formula was used to determine amount of hydrogen
 51:30 Situation comes to a close; people begin to return home; problem reactor is shut down
 53:20 Meltdown of reactor is confirmed; nearly 50% of the core was gone from heat
 54:00 New safety and training standards were created in wake of event; no nuclear power plant has been built since TMI incident

Starring
Schrieber, Live (Narrator) McCullough, David (Host)

Availability:
 VHS
www.pbs.org
 Interlibrary Loan

Color System	Run Time (full)	MPAA Rating	Language
Color	60 min.	NA	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Air Crash^{xxxiii}

Directed By:	Green, Howard
Produced by	Green, Howard
Released	1991 & 2002

Hazards Associated with Film:
Air disaster

Plot Summary:

“Shows actual footage of fiery air catastrophes, then goes behind the scenes for a firsthand look at the technology and methods investigators are using to determine causes of air crashes”

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

1:00 Footage of an airliner crashing
2:42 Sioux City, Iowa crash footage is shown
3:05 Discussion of crash investigation systems; Explanation is given for what is being looked at during crash investigation
4:00 Explanation of the importance of speed and angle that the plane prior to crash; Air France crash during French air show crash footage is shown
5:00 Lockerbie, Scotland crash is discussed
5:40 Crash investigators are interviewed
7:00 Discussion of the importance of determining the position of the control machinery is shown; Use of a systematic approach to crash investigation is explained
9:30 University of Southern California students learn how to perform airplane crash investigations; Determinations of cause and origins are explained; Finding clues on the crash site is shown
15:00 Case study of a Cessna plane crash is described
17:00 Flight recorders are discussed; 14th Street Bridge crash in Washington, D.C. is shown as case study; discussion of human errors coupled with snow and ice
23:00 The importance of a Flight Data Recorder examined; Technical data is given such as 300 bits of information and the various types of planes that are not required to have a flight data recorder
26:00 Material failure of the plane is discussed; Factors include: fatigue, overloading, and bombings
27:30 Use of amateur video as part of the investigation process is explained

30:30 United Flight 173 of 1988 case study is shown; Factors of crash included human error in fuel estimate
35:00 Final segment of movie shows mitigation actions taken to assist in flight crashes; Communication classes have been started for cockpit members; Flight Simulators are used to assist in practicing landings of compromised aircraft

Starring

Suzuki, David (Host)

Availability:

VHS and DVD

www.discoverychannel.com

Color System	Run Time (full)	MPAA Rating	Language
Color	46 min.	NA	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Flood of the Millennium^{xxxiv}

Directed By:	
Produced by	Smith, Dan
Released	2000

Hazards Associated with Film:

Flooding

Plot Summary:

A compilation of video taken in the Grand Forks area plus interviews with officials and citizens describing the events surrounding the Red River flood in 1997.

Narrative/Rationale: (Appropriate Examples)

Documentary describes the daily fight to survive of several towns along the Red River. The film includes the interviews of a number of victims as well as political appointees and responders.

This film is an excellent movie to show during an introduction course in emergency management. It shows the people, politics and technology involved in responding and recovering from floods.

Chronology of Film: (Appropriate Emergency Management Related Information)

:00 Red River Pictures

1:00 Discussion of events leading up to event; blizzard occurred prior to flood

1:20 More background information on the flood; description of the Red River; richest farmland in the world; geology of region

3:35 Flood of 1997 information given; 500 year flood; student died; 8 blizzards; temperatures 80 degrees below zero; Grand Forks had 98.6 inches of snow; Fargo and nearly 117 of snow

6:30 Red River area is flood prone because of the northward flow of river; river flows into colder (frozen) regions

8:30 Citizens begin the preparation for the flood

9:15 Shots of people working to sandbag

11:00 Hurricane force ice storm; 300,000 people lose power and ability to cook

13:30 Discussion of trying to use frozen sandbags to stop river

14:30 Flood water frozen in streets; 50 ft. flood crests are estimated in Fargo, ND

17:30 Red River begins to drop in some areas; 2nd crest is then predicted for river, higher than previously predicted

18:40 New high, above levees; no one in the area has fought a flood of this height before

20:50 Mayor discusses emergency management as part of his interview
 21:30 Dike breaks and floods; people continue to sandbag as part of response to flooding
 25:00 Decision is made to cease sandbagging operations; attempts are made now to save people
 27:00 Dikes begin to failing
 28:20 Victim interviews; discussions of leaving homes and losing homes to flood
 35:00 River Crests; begins to recede; Shots of Grand Fork and East Grand Fork
 37:00 Evacuation discussion and descriptions including 11,000 University of North Dakota students
 39:00 Fires starts in a downtown; 11 buildings are lost
 44:00 Descriptions of people returning home
 45:00 Discussion of recovery; \$1 billion; 5years to rebuild; Buyouts are performed; many people chose to leave town

Starring
Dean, Peter (Narrator)

Availability:
 Interlibrary Loan
www.discoverchannel.com

Color System	Run Time (full)	MPAA Rating	Language
Color	50 min	N/A	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Raging Planet – Fire

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Great Quakes – Kobe, Japan

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Landslide: Gravity Kills

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

--

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos Lists](#)

WTC: The First 24 hours^{xxxv}

Directed By:	Sauret, Etienne
Produced by	Not Provided
Released	2002

Hazards Associated with Film:

Terrorism
Building Collapse

Plot Summary:

“Beginning with the North Tower afire and billowing dense smoke, and ending with the vast expanse of ash-brown debris the following morning, WTC: THE FIRST 24 HOURS documents “ground zero” in the immediate aftermath of the terrorist attacks on the World Trade Center, September 11, 2001. This documentary was shot independently over a 24-hour period. It is first a witness to the fall of the twin towers, as a line of fire and a buckle in the armature signal imminent collapse. It is then an intimate view of the smoldering monochromatic site and the surrounding solitary streets; the ashen outskirts of New York’s financial center, desolate and strewn with debris, and the epicenter, a steel moonscape of Dresdenesque remains. People on the site work monotonously--first in a fervor, then dazed and trance-like. The images speak for themselves, intentionally devoid of any commentary or music. This presentation contains two versions of WTC: THE FIRST 24 HOURS, the expanded documentary and the original version, which began as a raw reflection of “ground zero” in the wake of the World Trade Center collapse.

Narrative/Rationale: (Appropriate Examples)

Somber original footage of the first 24 hours of the response and recovery efforts in and around ground zero.

There is no narration to this film, however, the images conveyed show the valiance of the first responders and problems inherent with the response.

Chronology of Film: (Appropriate Emergency Management Related Information)

:01 Numerous angles/shots of video of the World Trade Center (WTC) with second plane striking the towers
2:30 Video of second tower collapsing
3:46 Footage of collapse
5:00 Images from inside the WTC after planes struck building
6:18 Shots of ground zero from inside building near area
7:10 Shots of responders near destroyed fire apparatus
8:00 Shots of responders staging for entry into ground zero
9:30 Impacted automobiles with hazard lights flashing
10:30 Series of quick images around ground zero and immediately surrounding area
12:30 Responders walking into ground zero
13:14 Shots near ground zero with streets empty; New York Stock Exchange is shown empty and lifeless
15:00 Shots of search and rescue workers as well as iron workers in ground zero

17:00 Several shots of responders rehabilitating at a Burger King Restaurant
18:30 Shots of ground zero through window of building
19:00 Workers resting on floor of a convenience store
20:00 Shots of Ground Zero from inside restaurant
20:30 Walking through Ground Zero
25:30 Shots of the next morning at Ground Zero
27:30 Close-up shots walking through WTC ruins

Starring

NA

Availability:

DVD and VHS

www.newvideo.com

Color System	Run Time (full)	MPAA Rating	Language
Color	48 min.	NR	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

The New Face of Terrorism

Directed By:	NA
Produced by	Newman, Barbara Harris, Bob
Released	1996

Hazards Associated with Film:

Domestic terrorism

Plot Summary:

The spread of terrorism and its heightened volatility, especially in the United States with numerous militia groups, are discussed.

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

2:50 Start of Program (from beginning of VHS tape)
4:00 Randy Weaver interview; discussion on the patriot movement; approximate number of extremists at time of this film's release was approximately 30 to 40,000; Ruby Ridge incident of 1992
6:40 Depictions of Neo-Nazi movement
8:30 New World Order belief system briefly explained; "ZOG" term explained
9:30 Jubilee Newspaper discussed
10:30 Estes Park meeting footage shown; 400 militias currently exist in the US
12:00 Long term impact of Ruby Ridge incident on the Weaver Family discussed; explanation of how children were scarred from incident
14:00 Cal Greenup interview from the patriot movement
15:30 Ken Toole is interviewed on behalf of Human Rights
16:30 Several incidents carried out by extremist groups including the attack of Karen Matthews in Modesto, CA
23:35 Mary Ronin discusses the need to indoctrinate children with extremist ideals
26:00 Joe Roy interviewed from the Southern Poverty Law Center
27:30 William Pierce discussed; he was author of "Turner Diaries"; Timothy McVeigh carried a copy of this document
29:00 Use of the internet to get extremist information out to masses
31:30 Interview with Morris Dees and his 2nd Amendment argument
32:00 Robert Brown (Soldier of Fortune) interviewed

36:30 Montgomery County, MD case study; community prepares by having a Sarin gas exercise; Randy Weaver feels new extremists may use WMD to disrupt government
39:00 Methods of obtaining WMD discussed; terrorists ability to cook Ricin; ability of groups to obtain plague
41:40 Responding to WMD events is shown
42:20 Sarin Gas incident in Tokyo, Japan is discussed
43:30 Mass decontamination scenarios are examined.

Starring

Curtis, Bill (Host)

Availability:

VHS

www.aetv.com

Color System	Run Time (full)	MPAA Rating	Language
Color	50 Min	NA	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Extreme Earth – Engineering Against Earthquakes

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Modern Marvels: Engineering Disasters

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

First Response^{xxxvi}

Directed By:	None Stated
Produced by	Cole, Elizabeth (Producer) Lim, Lillian (Producer) Bar-on, Shachar (Producer)
Released	2001

Hazards Associated with Film:

Terrorism
Building Collapse

Plot Summary:

“First Response relives the stories of sacrifice, courage, dedication and daring that emerged from the tragedy. From the first impact to the increasingly desperate attempts to locate survivors, every phase is documented through incredible news footage and moving interviews with the heroes of Ground Zero. City officials, including Mayor Rudy Giuliani, reflect on how their practiced emergency plans helped New York handle the crisis, and reveal where preparations went horribly wrong. And we'll hear from the members of Ladder Company 6, who survived only because a woman they were saving was slow in coming down the stairs.”

Narrative/Rationale: (Appropriate Examples)

This documentary provides a unique look at the actions of several New York City senior administrators on the morning of September 11th, 2001. It includes the operational hurdles experienced by Mayor Guiliani, Police and Fire, as well as the relocation of the emergency operations center.

Chronology of Film: (Appropriate Emergency Management Related Information)

1:20 Footage of first responders
2:35 Brief discussion of the first World Trade Center bombing in 1993 and its impact; Explanation of the use of a fifth alarm for fire department which is its largest recall of personnel
5:00 Impact after the South WTC tower collapsed
5:20 Shots of ferrying of stranded citizens
5:50 Jersey City provides reserve of officers to work the incident
6:30 Interviews of personnel from Ladder Six and the impact of Josephine; Personnel waited three hours after collapse of towers to be rescued in stairwell
12:00 Guiliani and his work with Commissioner Van Essen; Joint press conference footage after attack with both men
13:30 Descriptions of how Mayor Guiliani learned of the World Trade Center incident; Mayor learns of other incidents at Pentagon and Shanksville from Vice President Cheney
17:00 Mayor was trapped in building after collapse of towers; A janitor was able to save the mayor because of his knowledge of back exit
19:00 Command post is moved to a fire station near the site; Governor Pataki mobilizes the National

Guard to assist with security
20:00 Description of the PATH train to World Trade Center is held from site
21:00 Evacuation problems from the WTC and surrounding area are discussed
25:00 Port Authority call-takers are inundated with calls; Scene security and accountability are explained
27:30 Emergency medical system is discussed as part of response to incident; New York University Medical Center is discussed; NYU Downtown mobilized its Mass Casualty Plan; Improvisation of medical staff examined
31:40 Patient flow at NYU Downtown stopped and is described
34:00 Office of Emergency Management Director talks of his and agency's role
37:00 The \$13 million emergency operations center for New York City is destroyed; EOC is moved to New York Police Department's Police Academy
40:00 48 hours after incident, a new EOC is open with a staff of 500 people
41:00 Wall Street reopens six days after incident

Starring

Mudd, Roger (narrator)

Availability:
VHS and DVD

www.thehistorychannel.com

Color System	Run Time (full)	MPAA Rating	Language
Color	50 min.	NA	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Asteroids: Deadly Impact

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Extreme Planet – Built for Extremes

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Storm of the Century

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Cyclone!

Directed By:	
Produced by	Bernanke, Jaime (Producer) Rosenfeld, Michael (Executive Producer)
Released	1994

Hazards Associated with Film:

Tornadoes
Hurricane/Cyclone

Plot Summary:

Anyone, at any time, can fall victim to nature's raging furies. Around the globe, hurricanes, tornadoes, and typhoons strike without mercy and often without warning. In the last century, more than half a million lives were lost to the violent forces of cyclones, tropical storms, and the wicked weather swirling in and around them. National Geographic chronicles some of the world's most shocking storms with gripping footage and scenes of heart-thumping, real-life drama: roofs ripped from houses, trees snapped like toothpicks, and trucks tossed about like children's toys. From twisters sweeping across the Midwest's "Tornado Alley," to the vicious force of Florida's Hurricane Andrew, to the deadly powerful forces of nature are among the most powerful forces on earth. Before the next killer storm, scientists are rushing to unlock the mysteries of the *Cyclone!*

Narrative/Rationale:

Cyclone is an excellent film for introductory material on wind-related events. It discusses the implications of these events on our society and sets a historical context for examining tornadoes and hurricanes.

Chronology of Film: (Appropriate Emergency Management Related Information)

0:00 Opening sequence provides visuals of tornado and hurricane related film footage during storms
4:15 Narrator provides a description of the formation of a tornado
5:00 Discussion of the April 26, 1991 outbreak of tornadoes; includes dramatic footage of film crew in an underpass while tornado moves over
13:30 Overview of the April 3rd and 4th, 1974 tornado; describes this storm as the biggest outbreak of tornadoes
14:30 Dr. Fujita and his rating system for tornadoes is explained
17:30 Examination of the attempts to study tornadoes by weather balloons and launching projectiles
23:00 Segment pertaining to water spouts and attempts to study them in relation to tornadoes
26:00 Footage shown of hurricane from space
28:20 Segment of film on storm chasers
33:20 Discussion of Cyclones in Bangladesh
34:00 Footage of planes flying through hurricanes to gather data; segment on the social cost of hurricanes for several families
46:00 Dr. Fujita flies to Florida in wake of Hurricane Andrew to study damage.
47:50 Discussion of our increasing vulnerability to these types of natural phenomenon; film used case study of New Orleans.

Starring
Narrated by Peter Coyote

Availability:
National Geographic Society: www.nationalgeographic.com

Color System	Run Time (full)	MPAA Rating	Language
Color	60 min. Approx.	NR	English

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Killer Wave: The Power of Tsunami

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Nature's Fury^{xxxvii}

Directed By:	
Produced by	Bernanke, Jaime (Producer) Rosenfeld, Michael (Executive Producer)
Released	1994

Hazards Associated with Film:

Earthquakes
Tornado
Flooding

Plot Summary:

For thousands of years, people have struggled to survive the devastating power of savage natural calamities. Now, witness spectacular scenes of cataclysmic destruction—and inspiring human courage—captured by the acclaimed filmmakers of National Geographic. See the city-shattering power of earthquakes in urban epicenters from San Francisco to Tokyo. And experience the moving human side of the story, from tales of heroism and tragedy to the dedicated scientists racing to understand and, ultimately, better predict the deadly forces of *Natures Fury!* Approximately 60 minutes.

Narrative/Rationale: (Appropriate Examples)

An excellent video to help introduce several types of natural phenomena. This film also touches on the mitigation, preparedness and response to the various types of disaster agents included in this film.

Chronology of Film: (Appropriate Emergency Management Related Information)

0:00 Dramatic footage of disasters
3:00 Footage of earthquakes during quake
5:20 Survey of historic quakes in Japan and Mexico City
8:00 San Francisco earthquake of 1906 is discussed.
11:30 Earthquake construction in San Francisco, Los Angeles and other cities around the globe are examined
13:20 Problems of responding to earthquakes including
14:30 Tokyo earthquake problems are discussed. Preparedness and mitigation programs are explained
17:20 Tornadoes are shown including footage of storm chasers
23:00 Hurricanes segment begins
23:30 Typhoon in Bangladesh is investigated
24:00 Hurricane Andrew is discussed with facts and interviews of survivors
28:00 The environmental toll of Hurricane Andrew is examined
31:30 Coastal development is considered by documentary
32:10 Segment on flooding begins
33:00 Analysis of the Mississippi Flood of 1993 and its response begins
38:30 Description of the Army Corps of Engineers levee system; subsequent breaks during storm of 1993. Case Studies of several towns along the river describe fights to protect the town from flooding
46:40 Segment on prediction of natural disasters begins with earthquakes in Parkfield, CA
48:30 Discussion of severe weather technology from DOPPLAR and NEXRAD to storm chasing is

described

Starring

Availability:
National Geographic Society: www.nationalgeographic.com

Color System	Run Time (full)	MPAA Rating	Language
Color	60 Min. Approx.	NR	English

Back to [Feature Films](#) or [Documentary/Videos Lists](#)

Nature Strikes

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

A Lesson in Recovery

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Disaster Recovery Earthquake

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Disaster Recovery Tornado Video

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Disaster Recovery Video Vol. 11

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Hurricanes '95

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

--

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos Lists](#)

The Storms of the Century

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Inside Story: Aftermath: The Nashville Tornado

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos Lists](#)

CDC Responds: Risk Communication and Bioterrorism,

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

CDC & US Department of Education Collaborate to Help Schools Prepare for Possible Terrorism

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Winds of Change: Hurricane Mitigation for NC, 2/20/01

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

--

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos Lists](#)

Hurricane: Earth's Greatest Storm

Directed By:	Saperstone, Herb
Produced by	Scott Resources
Released	1991

Hazards Associated with Film:

Hurricane
Storm Surge
Wind related damage

Plot Summary:

This documentary follows the development and paths of two hurricanes, Wilma and Hugo. It then compares and contrasts the two storms and the impact by each.

Narrative/Rationale: (Appropriate Examples)

A quick video on hurricanes. It provides basic information on hurricanes, the development and some positive and negative consequences of these types of storms.

The video briefly covers Hurricane Wilma and Hurricane Hugo. Some footage of damage from Hugo as well as weather maps from the time of the storms are shown.

Chronology of Film: (Appropriate Emergency Management Related Information)

1:50 Hurricane formation; weather systems that create hurricanes
2:50 Hurricane Wilma is discussed
3:20 Types of storms are explained
3:40 Wind in the ocean is described; trade winds
4:00 The various types of storm clouds are explained
5:00 The formation of Hurricane Wilma and how hurricanes develop are explained
7:00 Three features of a hurricane were discussed – Rain bands, wind, and an eye
9:20 The eyewall of a hurricane is described
11:00 A discussion of Hurricane Hugo begins; development of Hurricane Hugo over the Caribbean
13:00 Hurricane warnings for the southeast because of Hugo are discussed
14:00 Landfall of Hugo near Charleston, SC; storm surge from Hugo is discussed
16:50 Bangladesh Cyclone discussed; estimates over 100,000 people were killed from a single storm
17:30 Narrator stated that estimates from a hurricane like Hugo would supply enough energy for US for

six months

17:50 The benefits of a hurricane are discussed; dissipation of warmth; restocks wetlands and works on shorelines

18:20 The problems of development are discussed; people building near hurricane prone lands

Starring

Saperstone, Herb (narrator)

Availability:

VHS

Interlibrary Loan

<http://www.accumall.com>

Color System	Run Time (full)	MPAA Rating	Language
Color	20 min.	NA	English

Back to [Feature Films](#) or [Documentary/Videos Lists](#)

Understanding Volcanic Hazards

Directed By:	
Produced by	
Released	

Hazards Associated with Film:

Plot Summary:

Narrative/Rationale: (Appropriate Examples)

Chronology of Film: (Appropriate Emergency Management Related Information)

Starring

Availability:

Color System	Run Time (full)	MPAA Rating	Language
Color			

Back to [Feature Films](#) or [Documentary/Videos](#) Lists

Considerations for obtaining film and video:

Blockbuster Video: <http://www.blockbuster.com/>.

From Blockbuster.com, one may check availability of rental videos at a local store or purchase videos online.

DVD Empire: <http://www.dvdempire.com>.

DVD Empire provides an additional source of purchasing movies online.

Movies Unlimited: <http://www.moviesunlimited.com>

Movies unlimited provides numerous titles that a local video store may not have in stock.

Netflix. <http://www.netflix.com/>.

Netflix is an online video rental company. For those without a library or university budget to obtain videos, this option provides the instructor an option to rent numerous films that may not be available at a local store.

Selected Bibliography of Disaster Film related material (Academic, Governmental, and Non-profit Sources):

Broderick, M. (1991). Nuclear Movies : A Critical Analysis and Filmography of International Feature Length Films Dealing with Experimentation, Aliens, Terrorism, Holocaust, and Other Disaster Scenarios, 1914-1989. Jefferson, NC: McFarland & Co. Pp. 219.

Couch, S. (2000). The Cultural Scene of Disasters: Conceptualizing the Field of Disasters and Popular Culture. International Journal of Mass Emergencies and Disasters. 18(1). Pp. 21-37.

Emergency Preparedness News. (2005). Box Office Disaster: Help or Hindrance in Public Emergency Preparedness?. Silver Spring, MD: Business Publishers, Inc. Pp. 31-32.

Fischer, H. (1994). Response to Disaster: Fact vs. Fiction & It's Perpetuation: The Sociology of Disaster. University Press of America. Lanham: MD. pp. 11-22.

Keane, S. (2001). Disaster Movies: The Cinema of Catastrophe. London: Wallflower. Pp. 133.

Meisenhelder, T. (1979). The Social Meaning of "Disaster" Films. American Sociological Association (Conference Paper).

Mitchell, J., Thomas, D. Hill, A, and Cutter, S. (2000). Catastrophe in Reel Life versus Real Life: Perpetuating Disaster Myth through Hollywood Films. International Journal of Mass Emergencies and Disasters. 18(3), pp. 383-402

Schechter, H. & Molesworth, C. (1978). "It's Not Nice to Fool Mother Nature": The Disaster Movie and Technological Guilt. Journal of American Culture. Spring. Pp. 44-50.

The Pew Center on Global Climate Change. (2004). The Day After Tomorrow: Could It Really Happen?. Accessed via World Wide Web on June 23, 2004 at <http://www.pewclimate.org/dayaftertomorrow.cfm>.

United States Geological Survey. (May 6, 2004). Earthquakes, Mega Quakes, and the Movies: Lights! Cameras! Disaster!. Unites States Department of the Interior. Accessed via World Wide Web on June 23, 2004 at <http://earthquake.usgs.gov/bytopic/megaquakes.html>

Webb, G. Wachtendorf, T, and Eyre, A. (2000). Bringing Culture Back In: Exploring the Cultural Dimensions of Disaster. International Journal of Mass Emergencies and Disasters. 18(1). Pp. 5-19.

Additional Resources:

Morgan, K. (2004). Disaster Piece Theater: It's the End of the World As We Know It. MSN Entertainment. Accessed via World Wide Web on June 23, 2004 at <http://entertainment.msn.com/movies/article.aspx?news=159032>.

Reeves, C. 2004. Colby Reeve's Disaster Online! The Worlds Only Comprehensive Source of Information on Disaster Movies. <http://www.disasteronline.com/>.

ⁱ Special assistance provided by Dr. William Waugh, Georgia State University in getting his annotation list of disaster related film.

ⁱⁱ Information on Arlington Road was taken from <http://www.imdb.com> unless otherwise noted.

ⁱⁱⁱ Information on Meteor was taken from <http://www.imdb.com> unless otherwise noted.

^{iv} Information on Asteroid was taken from <http://www.imdb.com> unless otherwise noted.

^v Information on Atomic Train was taken from <http://www.imdb.com> unless otherwise noted.

^{vi} Information on The Core was taken from <http://www.imdb.com> unless otherwise noted.

^{vii} Information on Dante's Peak was taken from <http://www.imdb.com> unless otherwise noted.

^{viii} Information on The Day After was taken from <http://www.imdb.com> unless otherwise noted.

^{ix} Information on The Day After was taken from <http://www.imdb.com> unless otherwise noted.

^x Information on The Core was taken from <http://www.imdb.com> unless otherwise noted.

^{xi} Information on Deep Impact was taken from <http://www.imdb.com> unless otherwise noted.

^{xii} Information on Dirty War was taken from <http://www.imdb.com> unless otherwise noted.

^{xiii} Information on Fearless was taken from <http://www.imdb.com> unless otherwise noted. MPAA rating found at www.moviesunlimited.com.

^{xiv} Information on Hard Rain was taken from <http://www.imdb.com> unless otherwise noted.

^{xv} Information on Independence Day was taken from <http://www.imdb.com> unless otherwise noted.

^{xvi} Information on Meteor was taken from <http://www.imdb.com> unless otherwise noted. MPAA rating found at www.moviesunlimited.com.

^{xvii} Information on The Poseidon Adventure was taken from <http://www.imdb.com> unless otherwise noted. MPAA rating found at www.moviesunlimited.com.

^{xviii} Information on Outbreak was taken from <http://www.imdb.com> unless otherwise noted.

^{xix} Information on The Siege was taken from <http://www.imdb.com> unless otherwise noted.

^{xx} Information on Tidal Wave: No Escape was taken from <http://www.imdb.com> unless otherwise noted.

^{xxi} Information on The Towering Inferno was taken from <http://www.imdb.com> unless otherwise noted. MPAA rating found at www.moviesunlimited.com.

^{xxii} Information on Twister was taken from <http://www.imdb.com> unless otherwise noted.

^{xxiii} Information on Volcano was taken from <http://www.imdb.com> unless otherwise noted.

^{xxiv} Information on Twister was taken from <http://www.imdb.com> unless otherwise noted.

^{xxv} Information on Buffalo Creek Revisited was taken from <http://www.unt.edu/library> unless otherwise noted.

^{xxvi} Information on Ebola: The Plague Fighters was taken from <http://www.unt.edu/library> unless otherwise noted.

^{xxvii} Information on The Day the Earth Shook was taken from <http://www.unt.edu/library> unless otherwise noted.

^{xxviii} Information on In the Path of a Killer Volcano was taken from <http://www.unt.edu/library> unless otherwise noted.

^{xxix} Information on Blue Planet: Planet Earth was taken from <http://www.unt.edu/library> unless otherwise noted.

^{xxx} Information on Bhopal: The Second Tragedy was taken from <http://www.primedia.com> unless otherwise noted.

^{xxxi} Information on Johnstown Flood was taken from <http://www.johnstownflood.com> unless otherwise noted.

^{xxxii} Information on Meltdown at Three Mile Island was taken from <http://www.unt.edu/library> unless otherwise noted.

^{xxxiii} Information on Air Crash was taken from <http://www.unt.edu/library> unless otherwise noted.

-
- ^{xxxiv} Information on Flood of the Millennium was taken from <http://www.unt.edu/library> unless otherwise noted.
- ^{xxxv} Information on WTC: The First 24 Hours was taken from <http://www.newvideo.com> unless otherwise noted.
- ^{xxxvi} Information on First Response was taken from <http://www.thehistorychannel.com> unless otherwise noted.
- ^{xxxvii} Information on Nature's Fury was taken from www.nationalgeographic.com unless otherwise noted.