











NATURAL PROCESS/NATURAL HAZARD

The chief natural process killers of people over the last 100 years are ... ?

- 1. drought (10 million people)
- 2. floods (6.8 mil)
- 3. earthquakes (1.8 mil)
- 4. wind (1.2 mil)
- 5. volcanoes (0.9 mil)

Heat waves and cold spells are silent killers.











HUMAN IMPACT Focus of Human Impact A major focus of human impact is the earth's ability to retain heat -- Greenhouse Effect --Humans have had an impact on the natural environment from the beginning of their and thus climate change. existence: harnessing fire and cutting down This began with the Industrial Revolution and vegetation. the use of coal to produce power. • We have interfered with natural cycles. • We have disrupted natural controls. • We have altered the equilibrium of some https://www.youtube.com/watch?v=6VUPIX7yEOM Greenhouse Effect, 4 min planetary sequences of events. ttps://www.youtube.com/watch?v=G4H1N_yXBiA Climate Change and People, 4 min · We have amplified natural occurrences.





HUMAN IMPACT

Levees (at A) constrict stream flow and prevent water from spreading laterally, so it <u>backs up</u> further upstream (at B).

The constricted stream channel <u>now accelerates</u> the flow of water moving pass the protected areas. It creates a more powerful current downstream (at C), eroding levees and river banks.

































N E X T: Earth Resources

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PART II Exam Topics: I. Intro. to the Physical Environment II. Earth-Sun Relationship III. Earth Systems - The Hydrosphere: Oceans	DiookBoord
The Atmosphere: Weather and Climate The Lithosphere: Geologic Influences V. Earth Habitat and Environmental Protection The Biosphere: Zones of Life Natural Controls and Cycles Human Impact Natural Hazards Earth Resources	Blackboard Be sure you know how to enter BlackBoard and access the timed exam which starts and stops automatically Exam 2 will cover all the topics in Part II. Estudy Guide II on the course home page for finitions and place names for North America, South America and Antarctica.