

## Name that Lithosphere Impact!

December 18, 2014

1

## Landslides

- **Information:**

The hazard from landslides can be reduced by avoiding construction on steep slopes and existing landslides, or by stabilizing the slopes.

- **Interesting Fact?**

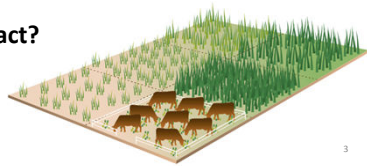
2

## Overgrazing

- **Information:**

Planned grazing system allows livestock to graze pastures, after which the pastures are left to rest and regenerate.

- **Interesting Fact?**



3

## Volcanoes

- **Information:**

Lahars are mudflows that contain at least 60% volcanic material.

- **Interesting Fact?**



4

## Urbanization

- **Information:**

Green roofs are where roofs are partially or totally covered with vegetation. This can help provide insulation and lower energy needs.

- **Interesting Fact?**



5

## Sinkholes

- **Information:**

Natural sinkholes occur due to erosion or underground water. Humans are also responsible for the formation of sinkholes by activities like drilling, mining, construction etc.

- **Interesting Fact?**

6

## Tsunamis

- **Information:**

Tsunami can poison mainland with a lot of salt, causing people to die out of hunger and disease after the tsunami is gone.

- **Interesting Fact?**

7

## Deforestation

- **Information:**

Clear cutting removes all trees, regardless of size, on an area in one operation. Selective cutting sets designated trees for removal.

- **Interesting Fact?**

8

## Agriculture

- **Information:**

The goals of crop rotation are to help manage soil fertility and also to help avoid or reduce problems with soilborne diseases and some soil-dwelling insects.

- **Interesting Fact?**

9

## Nuclear Fission

- **Information:**

In nuclear fission, atoms are split apart to form smaller atoms, releasing energy.

- **Interesting Fact?**

10

## Flooding

- **Information:**

A levee is a natural or artificial wall that blocks water.

- **Interesting Fact?**

11

## Earthquakes

- **Information:**

The plate boundaries are made up of many faults, and most of the earthquakes around the world occur on these faults.

- **Interesting Fact?**

12

## Oil

- **Information:**

The word petroleum means rock oil or oil from the earth.

- **Interesting Fact?**

13

## Groundwater Pollution

- **Information:**

Groundwater contamination occurs when man-made products such as gasoline, oil, road salts and chemicals get into the groundwater and cause it to become unsafe and unfit for human use.

- **Interesting Fact?**

14

## Natural Gas

- **Information:**

Millions of years ago, the remains of plants and animals decayed and was covered with rock. Pressure and heat changed some of this organic material into coal, some into oil (petroleum), and some into natural gas — tiny bubbles of odorless gas.

- **Interesting Fact?**

15

## Mining

- **Information:**

Large-scale mining process can affect the environment through water contamination, affecting human environments miles away from the mining site.

- **Interesting Fact?**

16

## Wood

- **Information:**

Many manufacturing plants in the wood and paper products industry use wood waste to produce their own steam and electricity. This saves money because it reduces the amount of fuel and electricity that must be purchased.

- **Interesting Fact?**

17

## Peat

- **Information:**

Peat is a heterogeneous mixture of more or less decomposed plant (humus) material that has accumulated in a water-saturated environment.

- **Interesting Fact?**

18

## Coal

- **Information:**

Half of U.S. electricity is generated from coal.

- **Interesting Fact?**

19