

Geography Unit A2: Lesson 6

Tsunami!

With your group, research information about tsunamis using the resources on our class website. Add your ideas to the chart below, and as a group decide your stance on the question below:

CRISIS MANAGEMENT TEAM:

NAMES (first only): Curtis, Spencer and Leif

****IMPORTANT TO NOTE: Any changes you make to Google Docs save automatically. Be careful not to erase your group member's work (if you do accidentally, click CTRL+Z right away!)****

Current Feedback From Ms Kuk:

Make sure every member of the group is participating in the research and recording of ideas.

Have you checked out multiple sources?

RESEARCH FORM:

Evidence That Climate Change Does Cause Tsunamis:

More earthquakes can happen as humans keep doing certain things to the earth. This means that as we keep building everywhere and changing the earth plates can start to slide which is how earthquakes start which can cause more tsunamis. As sea levels rise due to climate change risk of more devastating tsunamis. This means that a small tsunami in the future could be a small one, but do the same damage as a big one in today's age. I think this is because the higher the water is and if an earthquake happens there is more water which means if a tsunami happens it will be bigger because there is more water.

Evidence That Climate Change Does NOT Cause Tsunamis:

Climate change does cause tsunamis and makes them bigger and stronger. This is not proven it is just thought to be this way. We as humans have not done enough research to know 100 percent, but we are very sure. It can also not cause them because plates do not really shift because of humans unless we do something very bad that makes them have to shift. Earthquakes don't happen very fast; they take many years to form. This is because plates do not move very fast.

Tsunami!

Interesting Take-Aways:

- Climate Change can lead to earthquakes and earthquakes lead to tsunamis.
- Tsunamis are waves that are caused by sudden movement, or a large eruption that has an impact on the ocean.
- Melting ice is causing earthquakes, which can cause the tsunamis
- Melting ice caps trigger rapid sea levels, the rapid sea levels can trigger the tsunamis
- Tsunamis can wipe out entire towns/cities
- I didnt know that when glaciers melt it can cause a tsunami
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Our Group believes that climate change does/ does not cause tsunamis (state your stance below and sum up

Climate change may be a factor in a tsunami but they are not the key cause of tsunamis

We do believe that tsunamis are a crisis that needs attention but is not caused by climate change
Caused by movement of plates

It is a factor, not the cause. Glaciers cause tsunamis which are essentially caused by climate change, but this means that climate change itself does not cause the tsunamis.

The tsunamis are caused by climate change, but its not the main reason why they happen. The tsunamis are caused by the plates moving, and the plates moving are caused by the glaciers crashing (global warming). The tectonic plates are what cause the tsunamis because when they shift up the force of the shifting causes a push causing a tsunamis.