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HOW SIBERIA IS SLOWLY DISAPPEARING

GLOBAL WARMING IN SIBERIA

We've all heard about the global warming and how it affects our Earth and us. One of the issues that it causes is the melting of permafrost in Siberia.

Permafrost is frozen ground which includes rock and soil and its temperature always remains below zero – that way it stays frozen. But because of global warming permafrost has slowly began melting and with that a series of problems have arisen.

CONSEQUENCES OF GLOBAL WARMING

One of the biggest problems is that old and forgotten diseases are coming back to life. How is that possible? Well, here is an explanation: when something is frozen, it stays the way it is or in other words, it gets preserved for as long as it stays frozen. In this case there were frozen bodies of animals trapped under the permafrost. Some of the animals still carried dangerous diseases like anthrax, smallpox, Spanish flu ... And when the permafrost melted and uncovered the bodies of those animals, the diseases came back to life. First, they infected other living animals and after that the animals infected people.



Life in Siberia, as we know it, is quickly changing.

(Source: <https://www.worldatlas.com/articles/what-animals-live-in-siberia.html>)

Russian land if Permafrost and Mammoths is Thawing

(Source: <https://www.nytimes.com/2019/08/04/world/europe/russia-siberia-yakutia-permafrost-global-warming.html>)

But of course, that isn't the only problem that comes with it. The warmer atmosphere causes the floor to collapse in some areas. Because of that many people have lost their homes and working surfaces which also affects the industry and the economy of that area and its surroundings.

But people aren't the only ones who suffer from the loss of their homes. More and more wild animals are losing their habitats and their food sources which also bring us to extinctions. Some people might find it hard to believe but because of the rising temperatures even Siberia (one of the coldest areas on Earth) is suffering because of the raging wildfires. Wild animals then flee from their habitats in the wilderness to the people and civilization. If that continues, then the animals soon won't have any space left to live which would result in mass extinction.

The thawing permafrost is also exposing more and more of the huge hairy beasts, which roamed the colder Siberia 10,000 years ago. And with farming (agriculture) and hunting unreliable more locals are searching for them. Digging for mammoth tusks is illegal, so the hunters are secretive. One ivory tusk can be worth up to 16,000 dollars on the Chinese market, enough to survive the family a whole year.

CONCLUSION

It is very unfortunate for our planet and animals to suffer so much because of our wrongdoings. That's why we need to step together and help each other for a better future of people, wildlife and our planet Earth.