

LONG-LASTING EFFECTS OF NUCLEAR ATTACKS ON THE ECOSYSTEM OF THE COUNTRY

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Nuclear weapons are still one of the most serious threats to mankind with severe ecological impacts. During the production of nuclear weapons, it releases many hazardous substances. These include plutonium, benzene, uranium, polychlorinated biphenyls (PCBs), strontium, cesium, mercury, and cyanide. These all materials are very harmful to the ecosystem also the production of nuclear weapons harms oceans, rivers, and soil.

As we know only Atomic bombs to ever be used by the United States, BOMBED two nuclear weapons over the Japanese cities of Hiroshima and Nagasaki on 6 and 9 August 1945, respectively killing about 210,000 people. The effects of nuclear weapons cast for decades and have spanned across generations.

Effects of nuclear attacks on human health: Five to Six years after the bombings, the incidence of leukemia increased noticeably among survivors. After about a decade survivors begin suffering from, lungs, breast cancer at a higher than normal rate, thyroid, etc.

The UN Office of Disarmament Affairs agrees that one nuclear bomb can destroy a whole city, potentially killing millions, endangering the natural environment lives of a future generation through its long-term catastrophic effects.

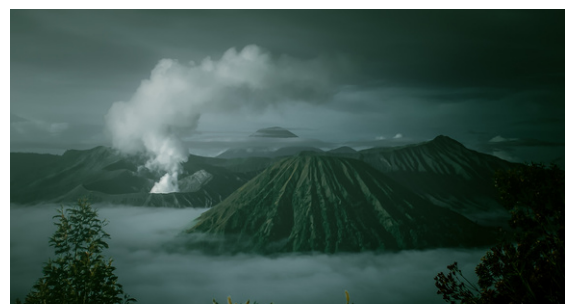


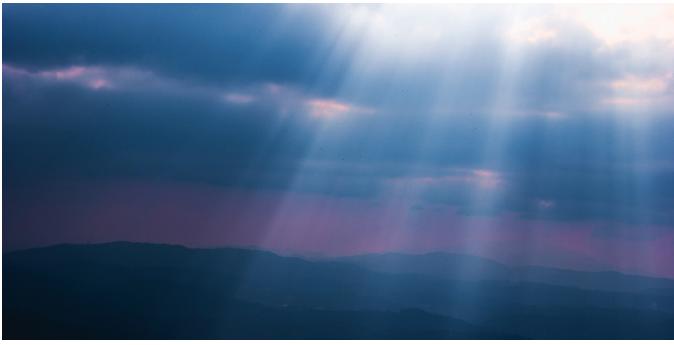
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•Based on how many nuclear bombs dropped:- Nuclear bombs flames would produce 4-5 million tons of carbonaceous smoke particles which would be the result in damaging the whole ecosystem.

•Thick smoke layer remains in the atmosphere:- Black smoke released from the nuclear explosion, this smoke would float to the upper atmosphere, get heated by the sun, and end up being carried around the world.





• No Sunlight, No Agriculture:- Sunlight is a natural process for helping plants to grow. It is very important for all types of plants. These black smoke particles absorb the sunlight and due to this agriculture suffers. Food production in nearby areas will be contaminated by radiation.



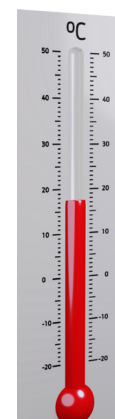
•Global Temperature Crash:- Radioactive dust from the detonating bombs rises up into the atmosphere and spread out over large areas of the world from where it falls down and cause deadly levels of radiation. The Nuclear Winter that world follow a large-scale nuclear war is expected to lead to temperature declines of 20 or even 30 degrees Celsius. Nuclear Winter would also cause a “Nuclear Famine”.



•Blocking the sun rays:- This Black smoke able to block sun rays for a prolonged period due to this rapid cooling of the earth starts by an average of 1.25°C.



• Contamination of Water Source:- Many harmful substances are released by the production of nuclear weapons. These particles mix into water and make it polluted. Nuclear waste and nuclear explosion smoke also gives a harmful effect on soil.



• Ozone Depletion :- Nuclear war can cause years of ozone depletion. Nuclear explosion will heat the plant up to the stratosphere and result in a loss of 65-75% of ozone layer, which would take at least 15 years to heal.