

Adverse Environmental Impacts

OBJECTIVES

1. Analyze some case studies of nuclear weapons on the environment such as Hiroshima, Nevada, and the Marshall Islands.
2. Assess the effects of a nuclear war on our climate and ecosystems.
3. Assess the effects of climate change on our nuclear systems.
4. Assess the effects of a nuclear war on our agricultural systems.

DISCUSSION QUESTIONS

1. Which communities in the world may be most affected by a nuclear winter?
2. What kind of environmental consequences would result from a nuclear winter?

ACTIVITIES

1. Find a source on a mutagenic effect from radiation exposure.
2. Find out which vegetation/plant recovered the quickest after the bombing of Hiroshima.

OTHER RESOURCES

<https://www.azocleantech.com/article.aspx?ArticleID=381#:~:text=Nuclear%20Weapons&text=These%20include%20plutonium%2C%20uranium%2C%20benzene,the%20production%20of%20the%20weaponry.>

<https://www.nap.edu/read/11282/chapter/8#75>

<https://www.theguardian.com/environment/2006/dec/12/nuclearindustry.climatechange>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4165831/>