

Radioactive Pollution

The **Radioactive Pollution** is defined as the physical Pollution of living organism and their environment as a result of release of **Radioactive**.

Source of Radioactive Pollution:-

The environment during nuclear explosions and testing of nuclear weapons and decommissioning mining of Radioactive.

Effect of Radioactive Pollution:-

1) Effects on Plants:- The plants are also expected to radiation and the damage is mostly done due to the increased Ultraviolet waves different Plant get affected differently.

The stomata stop to evaporate during the increase of radiation. When the radiation hits the chromosome the reproduction gets hampered it result in altered shapes size and health in plants.

2) Effects on Animals:- The animals at Different levels suffer different levels suffer differently the higher level organisms get more affected then insects and flies.

These radionuclide enter their metabolic cycles and affect their DNAs (mentioned - ionizing)

This ends up having a mutated animal generation with a higher risk of health issues by just a small amount of **Radionuclides**.

Effects on Human:-

Cancer is the most dominant radiation related disease.

It has developed over the years and poses a great risk in global health others like- **leukemia, anemia,** hemorrhage a reduction in the life spine.

Kids born have adverse defects caused by genetic mutations like low weight during birth

Prevention and control of Radioactive Pollution:-

Avoid ordering radioactive materials in quantities that exceed your intended usage.

Non-radioactive waste must never be mixed with **Radioactive** waste failure to do this significantly increase the volume of waste.

Substitute with short lived **Radionuclides** where feasible. Limit the number of users of **radioactive** material.