

NAME: chukwurah sinead ifeoma

Dept: nursing

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Human activities affect the ecosystem

includes changes to biophysical environments and ecosystems, biodiversity, and natural resource caused directly or indirectly by humans, including global warming, environmental degradation (such as ocean acidification mass extinction and biodiversity loss, ecological crisis, and ecological collapse. Modifying the environment to fit the needs of society is causing severe effects, which become worse as the problem of human overpopulation continues. Some human activities that cause damage (either directly or indirectly) to the environment on a global scale include human reproduction, overconsumption, overexploitation, pollution, and deforestation, to name but a few. Some of the problems, including global warming and biodiversity loss pose an existential risk to the human race, and human overpopulation causes those problems.

Human activity is causing environmental degradation, which is the deterioration of the environment through depletion of resources such as air, water and soil; the destruction of ecosystems; habitat destruction; the extinction of wildlife; and pollution. It is defined as any change or disturbance to the environment perceived to be deleterious or undesirable. As indicated by the I=PAT equation, environmental impact (I) or degradation is caused by the combination of an already very large and increasing human population (P), continually increasing economic growth or per capita affluence (A), and the application of resource-depleting and polluting technology (T)

Ecosystem encompasses all living things (animals, plants and microorganisms) and non-living things (earth, climate, soil, sun, weather, and atmosphere). All these components make up the environment and they are critical for the natural and normal functions of all the activities on the planet. In short, they are the foundations of the ecosphere and influence the health of all the systems on earth.

For example, ecosystems determine the niche played by each and every organism and how they interact with the non-living things such as water, light, air and

climate. It's otherwise said to be an intricate and interconnected system where living and non-living things function.

#### Various Human Activities That Affect an Ecosystem

1. Agriculture
2. Plastic production
3. Emission of Carbon Dioxide and other greenhouse gases
4. Destruction of the reefs
5. Production of Black carbon
6. Draining streams/rivers and destruction of critical fresh water aquifer recharge areas
7. Overhunting and overexploitation
8. Genetic modifications