

WORLD ENVIRONMENT DAY 2021

Theme – Ecological Restoration



An essay on “Ecological Restoration” by-

Sentilong Aonok

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What is Ecological Restoration?

Ecological Restoration is the process of assisting the recovery of an ecosystem that has been degraded, damaged or destroyed.

Is it something that should be taken into consideration? A thousand Yes!

Ecosystems are dynamic communities of plants, animals, and microorganisms interacting with their physical environment as a functional unit. The goal of ecological restoration is to return a degraded ecosystem to historic trajectory, not its historic condition. The ecosystem may not necessarily recover to its former state since contemporary ecological realities, including global climate change, may cause it to develop along an altered trajectory, just as these same realities may have changed the trajectory of nearby undisturbed ecosystems. History plays an important role in restoration, but contemporary conditions must also be taken into consideration.

Many of the world's ecosystems have undergone significant degradation with negative impacts on biological diversity and peoples' livelihoods. There is a growing realization that we will not be able to conserve the earth's biological diversity through the protection of critical areas alone. When applicable, Ecological Restoration should be an important component of conservation and sustainable development programmes so that the livelihoods of people depending on these degraded ecosystems can be sustained. Rising concerns around the globe like the melting of ice at Antarctica, alterations in the climate, ozone layer depletion causing high emission of ultraviolet rays, air pollution and so many are all caused by the effects of our degraded ecosystem.

What would happen if one day, all of our environmentally destructive activities stopped? Probably, our planet would start a process of healing itself.

But we don't have to wait for an apocalypse for this to happen. In fact, the UN declared the years 2021 to 2030 the [Decade on Ecological Restoration](#) and it hopes to mobilize nations all over the world to restore their beautiful natural treasures. We can all make a difference by doing the simplest of actions because it is said "A small action makes a big difference"

"Let us be a part of the solution not a part of the pollution"