

A Short Note on Plastic pollution

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SHORT COMMUNICATION

Plastic pollution is the build-up of plastic items and particles in the environment (e.g., plastic bottles, bags, and microbeads) that threatens wildlife, wildlife habitat, and humans. Plastics that pollute the environment are classified as micro, meso, or macro waste, depending on their size. It is flexible and inexpensive material that is used in almost all of today's everyday items or contains plastic components. The problem is that it's disposable, and we throw things away on a daily basis. Throw, not recycle, reuse, or repurpose

Causes of Plastic pollution:

While it might seem that addressing the issue of plastic waste is as simple as implementing recycling or cleaning up empty bottles, the fact is that the plastic causing the pollution could be large or small. Today's major contributors to this issue include:

It's been overused: Plastic is one of the most easily found and overused products in the world today because it is less costly. The demand for low-cost plastics is growing as a result of rapid urbanization and population growth. Since it is a cost-effective and long-lasting material, it is used in a variety of applications, including packaging, plastic bottles and containers, straws, and carry bags.

Decomposition of plastic takes 400 years or more: Make-up plastics' chemical bonds are tight and long-lasting. Plastic decomposition takes anywhere from 500 to 600 years, depending on the form.

According to the EPA (Environmental Protection Agency), any single piece of plastic that has ever been processed and disposed of in landfills or discarded in the environment still exists in the United States.

Garbage and Plastic Disposal Plastic waste is mostly mismanaged and ends up in landfills. This may seem perplexing, but plastic is almost impossible to break down because it is designed to last. Burning plastic is extremely hazardous to the environment and can result in deadly illnesses. As a consequence, if it's in a landfill, it'll never stop leaking toxins into the atmosphere.

Even recycling does not reduce plastic usage because it simply recycles existing plastic in a new form. Plastic irritants can be released in a variety of ways during the recycling phase of plastic.

Effects of Plastic Pollution

Some of the major long-term effects of plastic pollution are,

It's Expensive to Clean Plastic: Cleaning infected areas after exposure costs millions of dollars per year, not to mention the loss of life to plants, livestock, and humans. In certain areas of the world, finding a place to put garbage is becoming a challenge as land becomes more valuable.

It Kill animals: Despite numerous television commercials depicting ducks or dolphins stuck in six-ring plastic can holders over the years, these products are still used and discarded in large quantities every day. Plastic waste does a lot of harm to the world's habitats, whether it's because the mass of plastic has displaced wildlife or because the toxins associated with it have contaminated them.

Solutions to Plastic Pollution

The truth is that the only way to solve this issue is for individuals and businesses all over the world to commit to adopt waste-reduction practices on all levels. The following are some of the best ways to cut down on plastic waste:

- Get rid of Bottled
- Shop friendly
- Educate business
- Avoid Products Containing Microbeads
- Support Organizations Addressing Plastic Pollution

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