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## Impact of Plastic Pollution and its Stability

### Introduction:

The word plastic is come from the word plastico. It was first made by a British scientist named Alexander park. Plastic is usually synthetic and it usually made from petro chemicals like oils, natural gas and gas. Plastic is may be of two types-

① Thermo plastic    ② Thermosets.

### Abstract:

Yet pl only an estimated 12% of the plastic produced has been incenerated and only an estimated 9% of the plastic produced have been recycled. The remainder <sup>either</sup> has been disposed or released into the environment including oceans. Plastic production have been double in the next 20 years by 2050, based on current trends.

## About Plastic

Plastic is everywhere nowadays. Plastic has become a part of our life such as buckets, boxes, soap boxes, water bottles, tooth brushes, etc.

Plastic bags are very risk more than plastic items.

Plastic bags are non-biodegradable and take hundred of years to decompose. These thin plastic

can be over used and thrown away our future will be dangerous and environmental is risk. Although why we are using plastic? Because it is very cheap, less weight and easy to make.

It costs less than other alternatives like paper and cloth.

Basically plastic is not harmful. But when it comes to making plastic bags dangerous chemicals and plasticizers being added. Plastic is added with cadmium and lead which are harmful to health.

Every year 2 million birds and sea creatures are die because of this plastic bags. Kids should be taught from their childhood to avoid plastic bags.

## Impact of Plastic Pollution:

**Air pollution:** Air pollution appears to be a mix of small particles and gases into the atmosphere. Pollutants like automobiles, smoke.

The ozone layer is affecting by this pollution.

**Water pollution:** Plastic pollutes our water.



## Indian Institutions combat of Plastic use

The prime minister Narendra modi launched 'Swachhata Hi Seva' programme in India for cleaning of public and tourist places, hospitals, stations, etc.

### Alternatives

- \* Use plastic bags alternatives such as Jute bags, paper, cloth, card boards.
- \* Converting plastic waste into electricity it is a good option for our country with scarcity of electricity.
- \* Converting plastic waste into bitumens in road construction which extend the life of the road and its quality
- \* Converting plastic waste into fertilizen which increase the yeilding capability of crops.