

## MODULE 1: Land Pollution, Plastic Crisis, and Ramifications

We are all aware that we are faced with a multitude of challenges in these modern times. One of these challenges is environmental. Global warming and climate change have been the recent threats that we are facing. Some human activities, like pollution, are observed to have contributed to these great dangers of today. According to the Philippine Clearing House Mechanism, “pollution is the process of making land, water, air or other parts of the environment dirty and unsafe that may have adverse effects on humans.”

### 1.1 What is pollution?: <http://www.philchm.ph/pollution/>

Pollution has various types: air, water, and land. For the first module, we will be focusing on the land type of pollution.

### 1.2 Land and Soil Pollution: <https://www.youtube.com/watch?v=wHcY-iFSYZM>

Let us historicize a bit how land pollution started, exacerbated, and what institutions and mechanisms contribute to it. The first video talks about the industrial revolution while the second one talks about the environmental impacts of the said revolution in economics and the way of life.

### 1.3 Industry’s Impact on Environment

#### 1.3.1 Industrial Revolution: <https://www.youtube.com/watch?v=zhL5DCizj5c>

#### 1.3.2 Industrial Pollution: <https://www.youtube.com/watch?v=otqzQqzUcy4>

As productivity incrementally progressed, it has had its repercussions with regard to the environment. The proliferation of plastics that cannot be decomposed and contribute to land pollution has become a major environmental problem.

### 1.4 Plastic Crisis

#### 1.4.1 Plastics: <https://www.worldwildlife.org/initiatives/plastics>

#### 1.4.2 Plastic Pollution in the country:

<https://www.theguardian.com/world/2021/oct/05/photos-show-manila-bay-mangroves-choking-in-plastic-pollution>

### 1.5 Plastic Crisis Statistical Data:

<https://sustainability.ph/solutions/intelligence/plastic-recycling-in-the-philippines>

It is very important to remember that nature is interconnected. Man itself is a part of nature. We cannot divorce ourselves from it. Hence, what we do to nature, we do to ourselves. This article discusses the impacts of pollution on life, environment, and economy.

Sarmiento, B. (2018, October 9). Plastic trash from the 'sachet economy' chokes the Philippines' seas. Mongabay. Retrieved from <https://news.mongabay.com/2018/10/plastic-trash-from-the-sachet-economy-chokes-the-philippines-seas/>