

# Way Forward

## How to obey Gaia Theory?

1. Do not intervene with the inherently complex Ecosystem in anyway
2. Intervene in a balanced way.... In a **“Sustainable way”**

## What is Sustainability?

- It is the ability to sustain constantly

# Sustainability

In today's time, it means

- Co-existence of Human civilization and Biosphere
- Judicious usage of resource
- Maintain harmonization
- Healthy ecosystem and environment



# Need of Sustainability

Why we should worry about sustainability?

- To maintain a healthy life
- To avoid global warming and climate change
- To save our nature and environment
- To save resources for our future generations



- The total remaining recoverable oil resources would last **190 years**, natural gas 230 years



- To get rid of toxicity and hazards



# Sustainable Chemistry

It is the branch of chemistry that deals with;

- Development of products and processes that **minimize** or **eliminate** the use and **generation** of hazardous substances
- Designing inherently safer chemicals/molecules
- Follow the principles of **Green chemistry**



# Sustainable Chemistry

