

# APRIL



# 2023

# World Earth Day



*Theme: “Invest in our Planet ”*



**This year Earth Day theme is in continuation of last year, it is to persuade businesses, governments and citizens around the world of the need to invest in our planet. To look forward to improve our mother Earth for the better living of our future generations. As a citizen we need to protect our planet from things like pollution and deforestation. Taking initiative to pick up litter and planting trees can help in rebuilding our planet a better place to live in. It also stresses toward a more sustainable, prosperous and equitable future.**

## **Impacts of first Earth Day**

- ◆ **The Environmental Protection Agency was established in 1970, shortly following the first Earth Day marches.**
- ◆ **In the year that followed the first Earth Day many national environmental policies were passed:**
  - (i) The Clean Air Act**
  - (ii) The Water Improvement Act**
  - (iii) The Endangered Species Act**
  - (iv) The Toxic Substances Control Act**
  - (v) The Surface Mining Control and Reclamation Act**

## **Importance of Earth Day**

- ◆ **Earth Day allows for a day of education about environmental issues affecting our planet every year.**
- ◆ **It also allows us to reflect and remember the significance of the health of the planet and ways to prevent or ensure that health.**
- ◆ **Demonstration on Earth Day also help to signal to our representatives in government, how important action on environmental issues is to us.**



## Present scenario of Earth

- According to studies conducted by researchers around the world, it has documented increasing amounts of temperatures at the Earth's surface as well as in the atmosphere and ocean.
- Due to extreme temperature glaciers and snow cover are shrinking, and sea ice are retreating. Seas are warming, rising, and becoming more acidic.
- Larger wildfires are occurring more frequently and more species are moving to different locations.
- The largest contributor to human-caused warming, has increased by about 40% over the industrial era. This change has intensified the natural greenhouse effect, driving an increase in global surface temperatures and other widespread changes in Earth's climate.
- Greenhouse gas emissions from human activities will continue to affect Earth's climate for decades or even centuries.

### Top 5 Environment-Friendly Countries in the World (2022 EPI):

1. Denmark
2. United Kingdom
3. Finland
4. Malta
5. Sweden

**DO YOU  
KNOW**



According to the Environmental Performance Index (EPI), 2022 India has been ranked last in a list of 180 countries.

### Least 5 Environment-Friendly Countries in the World (2022 EPI):

1. India
2. Myanmar
3. Vietnam
4. Bangladesh
5. Pakistan



## Green States in North-East India

- ◆ **Mizoram:** The State of Mizoram has close to 84.53% of the area covered with forest followed by Arunachal Pradesh, Meghalaya, Manipur, and Nagaland.
- ◆ **Khonoma, Nagaland:** This self-sustaining village in Nagaland is India's first green village. Villagers conserved the natural habitat and the community has also banned all hunting activities. This village has naturally blessed resources and it is one of the most visited places in Nagaland.

## Things we can do to protect our Earth

- ✓ **Reduce, Reuse, and Recycle:** Follow the three R's to conserve natural resources and landfill space.
- ✓ **Conserve water:** The less water we use, the less runoff and wastewater that eventually end up in the ocean.
- ✓ **Avoid dumping chemicals in any waterways:** Choose non-toxic chemicals both at home and office.
- ✓ **Plant a tree:** Planting tree is one of the pivotal things to help the Earth from global warming. Trees provide food and oxygen. They help save energy, clean the air, and help combat climate change.

*"Protecting our planet starts with you"*

