



INDIAN INSTITUTE OF TROPICAL METEOROLOGY, PUNE

Environmental Information System - Resource Partner (ENVIS-RP)

WORLD OZONE DAY

(16th September 2019)



and



**स्वच्छता
ही सेवा**

11 सितम्बर से 2 अक्टूबर 2019

**Plastic Waste Free India
Awareness Campaign**

“World Ozone Day Celebration” & “Swatchhata Hi Seva”

Indian Institute of Tropical Meteorology-ENVIS, Pune

The ozone layer, a fragile shield of gas, protects the Earth from the harmful portion of the rays of the sun, thus helping preserve life on the planet.

The phase-out of controlled uses of ozone depleting substances and the related reductions have not only helped protect the ozone layer for this and future generations, but have also contributed significantly to global efforts to address climate change; furthermore, it has protected human health and ecosystems by limiting the harmful ultraviolet radiation from reaching the earth.

The theme for the World Ozone Day 2019, to be marked on 16 September, is:

32 Years and Healing

The theme for this year celebrates over three decades of remarkable international cooperation to protect the ozone layer and the climate under the Montreal Protocol. It reminds us that we must keep up the momentum to ensure healthy people and a healthy planet.

The Montreal Protocol has led to the phase-out of 99 per cent of ozone-depleting chemicals in refrigerators, air-conditioners and many other products.

The latest Scientific Assessment of Ozone Depletion completed in 2018, shows that, as a result, parts of the ozone layer have recovered at a rate of 1-3% per decade since 2000. At projected rates, Northern Hemisphere and mid-latitude ozone will heal completely by the 2030s. The Southern Hemisphere will follow in the 2050s and Polar Regions by 2060. Ozone layer protection efforts have also contributed to the fight against climate change by averting an estimated 135 billion tonnes of carbon dioxide equivalent emissions, from 1990 to 2010.

On this World Ozone Day, we can celebrate our success. But we must all push to keep hold of these gains, in particular by remaining vigilant and tackling any illegal sources of ozone-depleting substances as they arise. We must also wholeheartedly support the Kigali Amendment to the Montreal Protocol, which entered into force on 1 January 2019. By phasing down hydrofluorocarbons (HFCs), which are potent climate-warming gases, this amendment can avoid up to 0.4°C of global temperature rise by the end of the century, while continuing to protect the ozone layer. And by combining action to phase-down HFCs with energy efficiency improvements in the cooling industry, we can achieve bigger climate benefits.

IITM-ENVIS RP is working on the theme of “Atmospheric pollution & Climate Change”. IITM-ENVIS RP celebrates ‘World Ozone Day’ every year, as health of Ozone layer is major component, which affect Global Warming & Climate Change. This year IITM-ENVIS RP & SAFAR team has jointly celebrated ‘World Ozone Day-2019’ with ‘Swatchhata Hi Seva’ campaign at Pune.

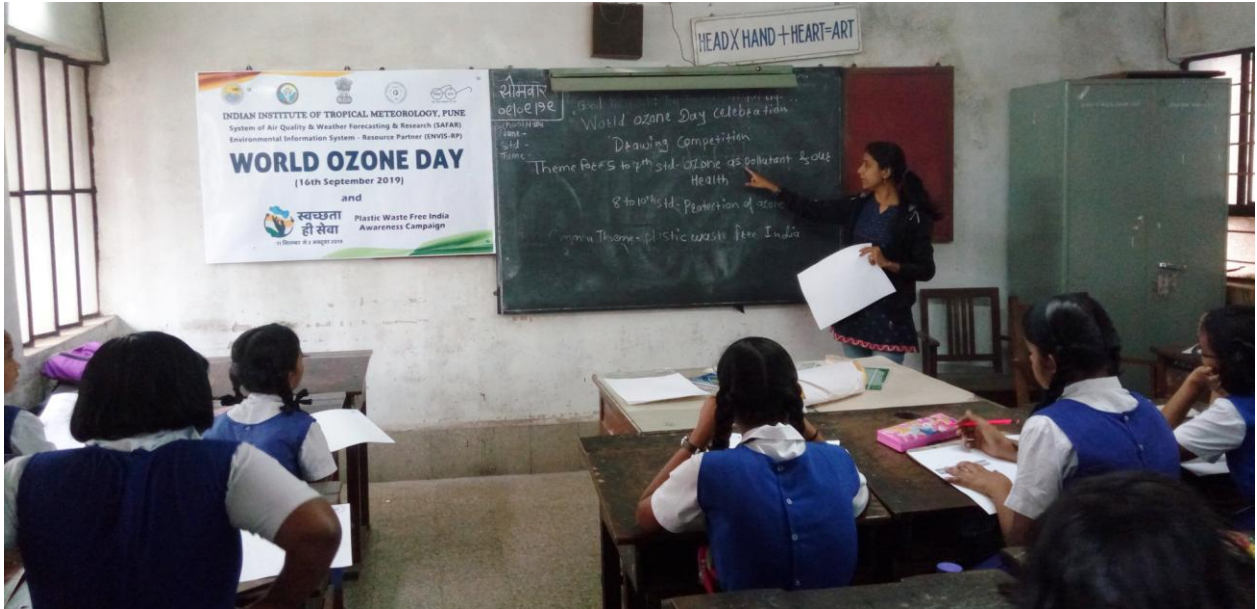
Interschool Drawing Competitions and talk:

The children are the future of the country and making aware school children is best way to reach their parents and our society. Understanding this IITM-ENVIS RP consistently involve school children in various environmental awareness programs. This year, we have conducted ‘Interschool Drawing competitions’ in two categories viz. 5th to 7th standard & 8th to 10th standard. The themes for the drawing competition were,

- 1) **“Ozone as pollutant & our Health”** (5th to 7th standard)
- 2) **“Protection of Ozone Layer”** (8th to 10th standard)

Also as World Ozone day is celebrated with Hon’ble Prime Minister’s ‘Swatchhata Hi Seva’ Campaign, theme of **“Plastic waste free India”** (for both the categories) were added in the competition. And students were asked to draw whatever they think of these themes.

Few Photographs of the event



Drawing Competition at HHCP High school & Junior College Huzurpada,Pune



Drawing Competition at SNBP School & Jr. College, Pimpri



Students Participating in Drawing Competition



Students Participating in Drawing Competition



Drawing Competition at MAEER'S MIT School, Pune



Drawing Competition at Sri Chaitanya Techno School, Pune