



Report  
on  
**International Day for the  
Preservation of the Ozone Layer 2024**



Organized by

**EIACP Programme Centre Resource Partner on  
Forest Genetic Resources and Tree Improvement  
ICFRE - Institute of Forest Genetics and Tree Breeding  
(Indian Council of Forestry Research and Education)  
Coimbatore – 641 002**

## **World Ozone Day 2024 Celebrations by ICFRE-IFGTB EIACP PC RP**

As part of Mission LiFE, Ek Ped Maa Ke Naam and in connection with International Day for the Preservation of the Ozone Layer 2024, EIACP (Environmental Information, Awareness, Capacity Building and Livelihood Programme) Programme Centre (erstwhile IFGTB ENVIS) RP at the ICFRE - Institute of Forest Genetics and Tree Breeding, Coimbatore organized awareness campaigns and tree sapling planting programme in Government Adhi Dravidar Higher Secondary School, Welspuram and Government Middle School, Mettupalayam . The main aim of these events was to raise awareness about the significance of ozone layer among students and the general public.

Dr. S. Vigneswaran, Senior Programme Officer, EIACP in his awareness lecture, explained how the ozone layer in the stratosphere protects Earth by blocking most of the sun's harmful ultraviolet (UV) rays, which allows life to exist. In the late 1970s, scientists found that human activities were damaging this protective layer by creating a hole in it, mainly due to the use of chemicals found in aerosols and cooling products. While giving insight to this year's theme, "Montreal Protocol – Advancing Climate Actions," Dr. Vigneswaran shared how India has successfully worked to stop the use of chemicals that harm the ozone layer. He also highlighted the significance of the "Ek Ped Maa Ke Naam" initiative. He explained how this national campaign plays a vital role in promoting environmental conservation and sustainable living.

During his speech, Dr. T. Vamadevan, Information Officer, highlighted the great benefits of the ozone layer. He emphasized that the hole in the ozone layer can close quickly if we properly follow the Montreal Protocol. He also explained that the ozone layer is a vital part of Earth's atmosphere, and protecting it is important for the well-being of all life on our planet. He urged the students to plant more trees whenever possible.

School students disguised as the five elements of nature and explained the importance of each. They shared how these elements viz earth, water, fire, air, and space are essential for life. Each student described how their element supports the balance of nature, highlighting the need to protect and preserve these natural resources for the health of the planet and all living beings.

Saplings of indigenous tree species were planted in the school campus by students and staff. The newly planted tree saplings were honoured by naming them after their mothers. Awareness poster highlighting the significance of Ozone layer was released and disseminated to the students. They have also pledged to follow the Mission LiFE activities in their daily lives.







GPS Map Camera



Mettupalayam, Tamil Nadu, India  
7WVX+49X, Suthanthirapuram, Mettupalayam, Tamil Nadu 641301, India  
Lat 11.293035°  
Long 76.948429°  
16/09/24 11:12 AM GMT +05:30



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**EIACP Resource Partner on Forest Genetic Resources and Tree Improvement**  
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**International Day for the Preservation of the Ozone Layer 2024**

**Theme: Montreal Protocol-Advancing Climate Action**

The ozone layer is a region of high ozone concentration in the stratosphere, 15 to 35 kilometres above Earth's surface. The ozone layer acts as an invisible shield and protects us from harmful ultraviolet (UV) radiation from the sun. In particular, the ozone layer protects us from the UV radiation, known as UV-B, which causes sunburn. Long-term exposure to high levels of UV-B threatens human health and damages most animals, plants and microbes, so the ozone layer protects all life on Earth.

**THE CONSEQUENCES**

Without the Montreal Protocol, large-scale depletion of the ozone layer would have occurred with major consequences



**Fragile Ecosystems,  
Under UV Attack**



**Exacerbating global  
warming and  
climate instability**



**A Thinner Ozone,  
A Weaker Defense**



**Ocean Depths, Exposed  
to UV Dangers**



**Wildlife at Risk: Ozone's  
Hidden Threat**



**Depleting Ozone,  
Diminishing Crops**

SOURCE: UNEP

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