



CERC-ENVIS Resource Partner

KEEP COOL AND CARRY ON

THE MONTREAL PROTOCOL



16 SEPTEMBER 2018

#OZONEDAY

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REPORT

The year 2018 marks the 31st anniversary of the Montreal Protocol on "INTERNATIONAL DAY FOR THE PRESERVATION OF THE OZONE LAYER 2018". The theme of this year's Day is **"Keep cool and carry on The Montreal Protocol."** It is being marked on 16 September.

CERC-ENVIS Resource Partner celebrated the Day by inviting different schools at its campus.

The team has made aware students of the Ozone layer and gave a talk on UN Environment Taking Action on the Montreal Protocol, How to preserve and protect our ozone layer.

Also, shown the video on **"Be Cool and Save the Ozone Layer"** and distributed awareness flyer and posters.













Ozone Day Poster: <http://www.cercenvis.nic.in/PDF/World%20Ozone%20Day%202018.pdf>



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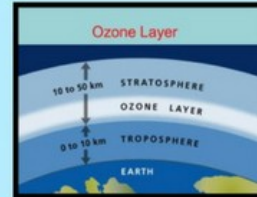
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Ozone awareness brochure: <http://cercenvi.nic.in/PDF/ozone.pdf>

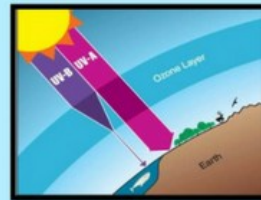
What is Ozone?

Ozone is a gas made up of three oxygen atoms (O₃). It can form and react under the action of light and that is present in two layers of the atmosphere: the stratosphere and the troposphere. It occurs naturally in small (trace) amounts in the upper atmosphere (the stratosphere). It protects life on Earth from the Sun's ultraviolet (UV) radiation. In the lower atmosphere (the troposphere) near the Earth's surface, ozone is created by chemical reactions between air pollutants from vehicle exhaust, gasoline vapors, and other emissions. At ground level, high concentrations of ozone are toxic to people and plants.



What is Ozone layer?

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.



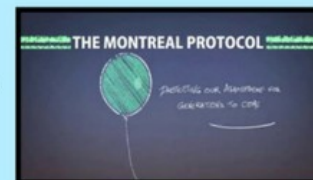
What is Ozone hole?

For nearly a billion years, ozone molecules in the atmosphere have protected life on Earth from the effects of ultraviolet rays. Human activity has contributed to the deterioration of the ozone layer. The ozone "hole" is a reduction in concentrations of ozone high above the earth in the stratosphere. The ozone hole has steadily grown in size and length of existence.



What is the Montreal Protocol?

The Montreal Protocol is an international agreement which was drawn up in September 1987. Objective is to phase out the chemicals which are responsible for the Ozone hole. This Protocol stipulates that the production and consumption of compounds that deplete ozone in the stratosphere--chlorofluorocarbons (CFCs), halons, carbon tetrachloride, and methyl chloroform--are to be phased out.



What is Ozone Day?

The Montreal Protocol on Substances that Deplete the Ozone Layer was finally agreed upon on 16 September 1987 at the Headquarters of the International Civil Aviation Organization in Montreal. We celebrate this day as **Ozone Day**.

