



#OzoneHeroes campaign Quiz competition "Caring for all life under the sun"

Indian Meteorological Department (IMD), Indian Meteorological Society (IMS) and Earthwatch Institute
India observes the 30th anniversary of the Montreal Protocol.



Mausam Bhawan, Lodhi road, New Delhi
On 24th November, 2017

In Indian Meteorological Society (IMS) Delhi chapter





Montreal Protocol

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. In 1994, the UN General Assembly proclaimed 16 September the International Day for the Preservation of the Ozone Layer, commemorating the date of the signing, in 1987, of the Montreal Protocol on Substances that Deplete the Ozone Layer.

The theme for this year's World Ozone Day is:

“Caring for all life under the sun”

This year's World Ozone Day also marks the 30th anniversary of the Montreal Protocol. To observe the same, Indian Meteorological Department (IMD), Indian Meteorological Society (IMS) and Earthwatch Institute India together present a 02 day celebratory event for schools across Delhi NCR in line with the **#OzoneHeroes** campaign of Ozone Secretariat at the UN.

The theme for this year's International Ozone Day recognizes the collective efforts of the parties to the Vienna Convention and the Montreal Protocol towards the restoration of the ozone layer over the past three decades and the global commitment to combat climate change.

Indian Meteorological Department (IMD), Indian Meteorological Society (IMS) and Earthwatch Institute India take this opportunity to welcome one and all to participate in an interactive session on Ozone, its importance and monitoring followed by a quiz competition on the same subject.



Indian Meteorological Department (IMD), Indian Meteorological Society (IMS) and Earthwatch Institute India (EWI) share a common vision of engaging people in scientific field research & education to promote the understanding in regard to weather and meteorology, application of meteorological science in pollution monitoring, climate & weather forecasts; agriculture and land use, conservation of biodiversity and natural resources. IMD, IMS and EWI aim to work together to create a space for participation and rekindle exploratory spirit in science, while bringing valuable awareness for sustaining the life supporting nature around us.

Our Purpose

Programme Vision: To help initiate an interest in Schools and Scientific Community on learning about the three area:

- Our Environment
- Awareness and sensitization about Ozone
- Understanding on Montreal Protocol

Programme Objectives:

- Initiate learning opportunity on Ozone depletion and its causes in participatory approach.
- Create opportunity within schools and scientific community to interact.
- Learning on ozone measurements.



Inaugural Session

Air Vice Marshal (Retd) Prof. Ajit Tyagi, President, IMS, Dr. Devendra Pradhan, Dy. Director General, IMD, Dr. Anand Sharma, Secretary, Indian Meteorological Society, Dr. D. R. Pattanaik, Scientist-E, Extended Range Forecast Group Division, Head, Publication & Human Resource Development, IMD, Mr. Raghuvansh Saxena, CEO, Earthwatch Institute India and Dr. Pranab J Patra, Earthwatch Institute India.

The distinguished panel spoke highly about Citizen Science and its contribution to the scientific data and in engaging young generation in monitoring environmental parameters including weather data for better management of our natural resources. They also emphasize on generation of awareness for taking collective and sustainable actions at various levels and at societal space.





Ozone Monitoring Demonstration

Scientists from the Indian Meteorological Department (IMD) and the Indian Meteorological Society (IMS) conducted an ozone monitoring demonstration for teachers and students using ozone measurement instruments in high-altitude balloons.

This measurement is an interesting way of collecting data. Ozonesondes are a collection of instruments contained in a small styrofoam container. As the balloon carrying the instrument package ascends through the atmosphere, the ozonesonde telemeters to a ground receiving station information on ozone and standard meteorological parameters such as pressure, temperature, and humidity. The balloon will ascend to altitudes of about 30-35 km before it bursts.





Quiz Competition- 115 students from 30 Schools participated

- Andhra Education Society Sr. Sec. School Prasad Nagar, Karol Bagh
- Balvantray Mehta Vidya Bhawan, GK-II
- Billabong High School, Noida
- Co.-Ed Sr. Sec.School, Lajpat Nagar-1
- DAV Public School Pushpanjali Enclave Pitampura
- Delhi Public School RK Puram
- DPS Vasant Kunj
- East Point School
- Era Public School
- Evergreen Public School Delhi
- Geeta Bal Bharti Public School
- Maharaja Agrasen Model School, Pitampura
- Guru Harkrishan Public School
- Modern Public School BM-Block Shalimar Bagh
- Modern School
- Navyug Sr. Sec. School Lodhi Road
- New Horizon Public School (Morning Shift)
- New Horizon Public School
- Rajkiya Pratibha Vikas Vidyalaya
- Scottish High International School
- Scottish High, Guragon
- The Air Force School, Subroto Park
- BPSKV Deoli
- Govt. Boys Senior Sec. School X-Block Bramhpuri
- N.E.P.S. Mayapuri New Delhi
- Maharaja Agrasen Model School, Cd Block, Pitampura
- Gyan Mandir Public School
- Ip Dwarka
- K R Mangalam World School Gurugram
- Kv Pragati Vihar





Winners of the Quiz Competition



**First Prize: Delhi Public School,
R K Puram**



**Second Prize: Scottish High International School,
Gurgaon**



**Third Prize: The Air Force School,
Subroto Park**



Some Glimpses of the Event









Certificate of Participation



This certificate is awarded to _____ of
_____ School
for attending Ozone Day Inter-School Met Quiz on 24th November 2017.

Jointly organized by
Indian Meteorological Society (IMS) and Earthwatch Institute India
with
knowledge mentorship of Indian Meteorological Department (IMD)
and Vigyan Prasar (Department of Science & Technology), Govt. of India

AVM (Dr) Ajit Tyagi, President
Indian Meteorological Society

Dr Devendra Pradhan, Scientist-G
India Meteorological Department

Raghuvansh Saxena, CEO
Earthwatch Institute India



Certificate of Achievement



This certificate is awarded to _____ of
_____ School
for winning 1st/2nd/3rd place in Ozone Day Inter-School Met Quiz
on 24th November 2017.

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