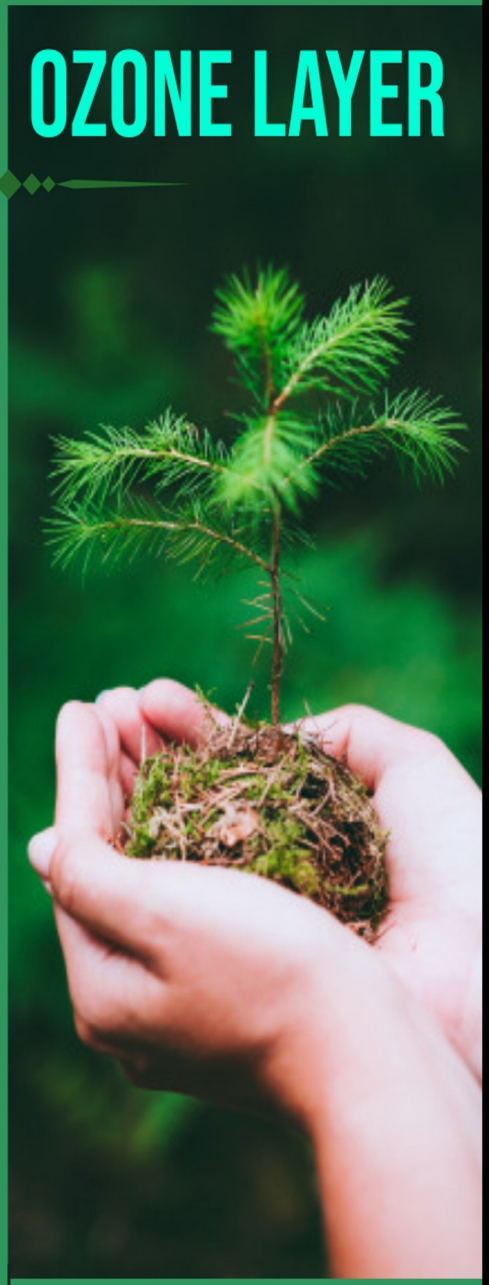
Join Hands on Protecting OZONE LAYER

Helping In Your Own Small Way

The 1985 discovery of the Antarctic hole was a wake-up call for all of us. It clearly shows that our actions can and will affect our planet. There are many small ways in which you can help.

--- Remember the 3Rs, Reduce – Reuse – Recycle.
--- If you can walk or take the train or bus, please do so.
This helps cut down on pollution caused by vehicle emissions.
--- Buy energy efficient household appliances.
--- Conserve energy!
--- Use only household products that are Eco-Friendly.
--- Stop using Pesticides.
--- Plant more trees.

Humanity once responded to the ozone layer crisis. We don't need another crisis to take action; we can do our share now and prevent a crisis from happening again.



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Hosted by,
Thiagarajar College of Engineering,
Funded by,
Ministry of Enviroment, Forest & Climate Change, Govt. of India

TCE ENVIS RP Digital ID`s
tceenvisrp
@tceenvisrp
pwm@tceenvis.in
www.tceenvis.in

Thiagarajar College of Engineering, Dept. of Chemistry, Madurai

WORLD OZONE DAY
SEPTEMBER 16
2021 PRESENTS

THEME

Montreal Protocol – keeping us,
our food and vaccines cool.

48y 106d 12h 59m 54s

Time left to recovery of the ozone hole

AROUND THE PLANET

Credits: https://www.theworldcounts.com/

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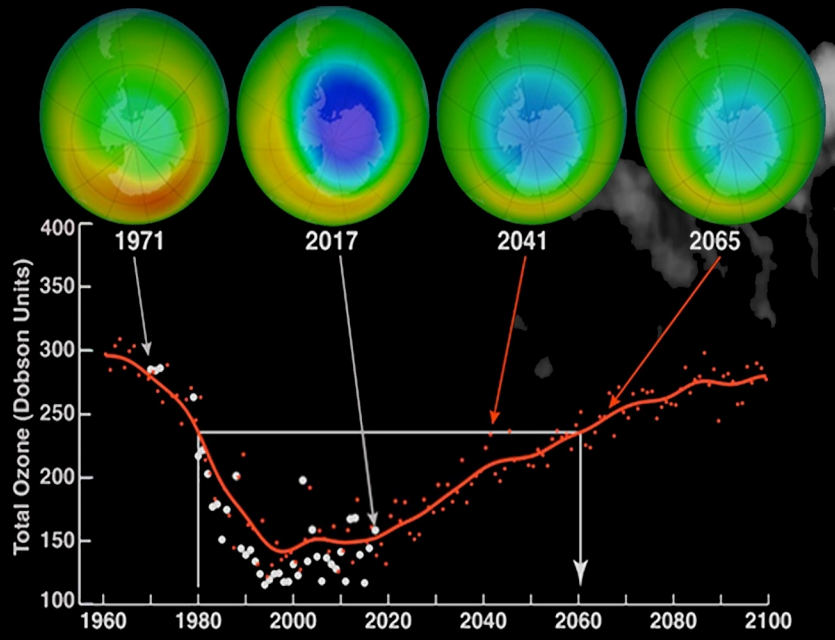
Facts about Ozone Layer

• Most atmospheric ozone is concentrated in a layer in the stratosphere, about 9 to 18 miles (15 to 30 km) above the Earth's surface.

• Ozone is a molecule that contains three oxygen atoms. At any given time, ozone molecules are constantly formed and destroyed in the stratosphere. The total amount has remained relatively stable during the decades that it has been measured.

• The ozone layer in the stratosphere absorbs a portion of the radiation from the sun, preventing it from reaching the planet's surface.

• Most importantly, it absorbs the portion of UV light called. UVB has been linked to many harmful effects, including skin cancers, cataracts, and harm to some crops and marine life.



INTERNATIONAL DAY FOR
PREVENTION OF THE
OZONE LAYER

Ozone Layer Depletion Facts

Ozone is a form of naturally occurring gas – and 90% of our planet's ozone is in the stratosphere. It is constantly being renewed and destroyed.

Some facts about the Ozone Layer Depletion:

- The culprit was CFC – chlorofluorocarbon and HCFC – hydro chlorofluorocarbon which are also greenhouse gases.
- CFC was being used in refrigerants and cooling units, fire extinguishers and aerosols.
- The "hole' that was discovered in Antarctica was over 29 million square kilometers – larger than Russia and Canada combined!
- Exposure to higher amounts of UV radiation can cause skin cancer, eye diseases and weaken the immune system of humans.
- Further depletion of the ozone layer can make the Earth barren.
- Global Ozone is expected to revert to its 1980 thickness in the next 55 years.