



LEADERS IN OZONE LAYER & CLIMATE PROTECTION



MONTHLY ELECTRONIC NEWSLETTER

STRIVING TO KEEP YOU INFORMED

AUGUST 2024 • ISSUE 253



MOPIA Attends UN Ozone Secretariat's 46th OEWG



Dr. Stephen O. Andersen, Richard Ferris, Mark Miller, Marco Buono, John Kubilanski and Kent Cielen at the 46th OEWG in Montreal July 8-12, 2024.

The OEWG is essentially the planning and preparatory session for the 35th international Meeting of the Parties to The Montreal Protocol being held this October, in Bangkok.

At this meeting, MOPIA discussed and met with delegates about international training initiatives. We also learned about the dangers of PFAS chemicals associated with refrigerants and heard concerns and challenges from developing nations on the implementation of HFO, natural, and low energy refrigerant technologies.

MOPIA representatives also attended several informative side events.

See links and presentations from these side events at: <https://ozone.unep.org/meetings/46th-meeting-open-ended-working-group-parties/side-events>



World Ozone Day is September 16

See what is being done around the globe:

<https://ozone.unep.org/ozone-day/montreal-protocol-advancing-climate-action>

A Strengthened Regulation Being Proposed by MOPIA

MOPIA has been active in the policy, training, and strategic planning of climate and ozone protection sectors for over 30 years, along with Manitoba's most affected. It has been a long, successful and eventful journey so far.

MOPIA has worked closely and collaboratively with government, non-profit, UN, World Bank, and UN aligned agencies. There have been many pivotal and landmark innovations shaping reductions in climate and ozone depleting chemicals instituted, as well as lessons learned.

Over the 30 years, Manitoba's Regulation governing ODSs has been amended only twice. With new international and national regulatory frameworks emerging, MOPIA has prepared a series of suggested changes to enhance and better protect the environment and the people within affected sectors. Further, MOPIA is meeting with Manitoba's Minister of Environment, Hon. Tracy Schmidt in September to share recommendations and to ensure Manitoba continues to be a leader in these fields.

Manitoba ODS Certified Techs Exceeds 7,200 for 2024/25

The number of certified technicians working in the HVAC, refrigeration and air conditioning sectors has already exceeded 7,200 this year and continues to grow. This should come as no surprise with the heat we have experienced this year. With 10 months of the renewal period still to come, this year has already made the third highest recorded number of licensed technicians, and is on track to surpass the highest year.

We will continue to reach out to industries and provide training and education regarding how to work in compliance with the Manitoba's Ozone Depleting Substances Regulations to avoid the high penalties for working outside of the regulation.



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MOPIA

Manitoba Ozone Protection Industry Association

Sun Smart in Protecting our Ozone Layer

As we know, the ozone layer is a protective shield around the Earth that aids in protecting humans from overexposure to UV radiation, which causes cancer and eye cataracts. Spending too much time outdoors in the sun's harmful rays is one of the leading causes of skin cancer with over 1.5 million active cases globally, as stated by the WHO.

Unfortunately, with the release of ozone depleting chemicals into the atmosphere, the strong bonds of atoms that make up this shield are thinning, causing an "ozone hole" above Antarctica. Not only is this damaging the Earth's eco/bio-system, but long-term exposure to UV-B radiation has many more negative health effects for humans as well. Thinning of the ozone layer also threatens food production, plants, animals, and other microbes in the natural ecosystem.

To read this post follow the link: <https://www.instagram.com/p/C-ftWN4eW/?igsh=MTA2YXJzYmNwZ3NkaQ==>

Earth Overshoot Day 2024

Earth Overshoot day marks the date each year when the world has used up all possible biological resources that the Earth can renew during the year. This year, it fell on August 1st!

There are also Country Overshoot Days that reflect the environmental impact of a country by comparing the population's demand and the nation's bio-capacity. In Canada, we passed our Overshoot Day on March 15th, 2024. This means Canada is currently living on credit at the expense of future generations.

To read more about this follow the link: <https://www.genevaenvironmentnetwork.org/resources/updates/earth-overshoot-day/>

A Strong Dynamic 2024 Team

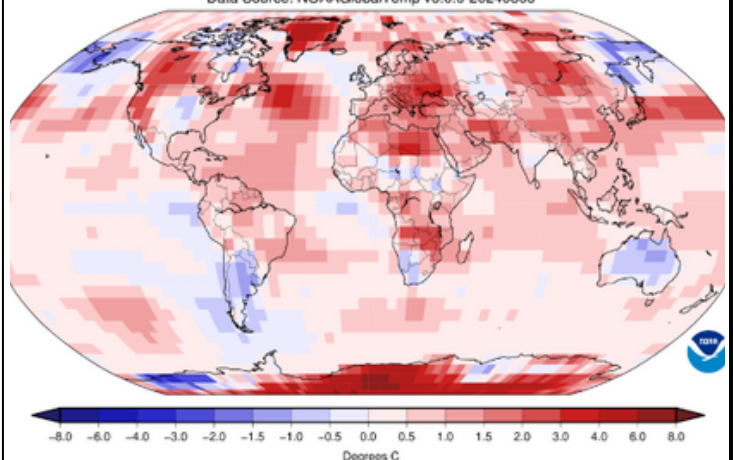
As the success of the 2024 renewal season nears completion, MOPIA says farewell and thank you to our Canada Summer Jobs, Urban Green Team, and Manitoba Métis Federation support staff. They assisted in outreach, processing of renewals, research, training and stakeholder awareness. We wish them the best in their future endeavors (University, VEMA job). MOPIA's 2024 Team: Jesse, Duran, Brookelynn, Mark, Luc, Claire, Seaira, Kit and Jaeden.



Land and Ocean Temperature

Surface temperature continues to reach record high around the world this year.

Land & Ocean Temperature Departure from Average Jul 2024 (with respect to a 1991-2020 base period)
Data Source: NOAA GlobalTemp v6.0.0-20240806



<https://www.ncei.noaa.gov/news/global-climate-202406>

