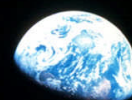




# MOPIA E-BULLETIN



## STRATOSPHERIC OZONE LAYER & ATMOSPHERE PROTECTION

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### 37<sup>th</sup> OEWG Held in Geneva



The 37<sup>th</sup> Meeting of the Open-Ended Working Group of the Parties to the Montreal Protocol meeting was held recently at Geneva, Switzerland, April 4-6.

The meeting Agenda focused on addressing HFCs as a result of the last Meeting of the Parties in Dubai in late 2015.

There continues to be strong global support to either phase-out or phase-down HFCs (potent greenhouse gases). Projected growth of HFCs under the current anticipated growth scenario could make them among the single most impactful greenhouse gas. Hence, there is concern that if they are not controlled, climate change will be significantly increased going forward. While the meeting did not conclude with any formal consensus on HFC controls, a commitment was set forth to keep it on the table at the 28<sup>th</sup> OEWG planned for this coming Summer (2016) in Vienna.

Manitoba has already regulated HFCs in that they must not be vented and are controlled broadly from their purchase to record keeping of their use in the A/C sectors.

A Report from the Technology and Economic Assessment Panel (TEAP) on alternatives to ozone depleting substances (ODS) was also discussed. A proposal to develop an HFC amendment to the Montreal Protocol is speculated.

See more at: [www.iisd.ca/ozone/oweg37/](http://www.iisd.ca/ozone/oweg37/)

[www.unep.org/newscentre/Default.aspx?DocumentID=27071&ArticleID=36133&I=en](http://www.unep.org/newscentre/Default.aspx?DocumentID=27071&ArticleID=36133&I=en)

### Manitoba's 41<sup>st</sup> General Election



Remember to vote in Manitoba's 41<sup>st</sup> General Election on Tues., April 19.

While MOPIA is not funded or affiliated with the government, MOPIA will be watching carefully as the government of the day determines priorities including regulatory and departmental policy goals.

See: [www.electionsmanitoba.ca/en](http://www.electionsmanitoba.ca/en)

### MOPIA's 22<sup>nd</sup> AGM a Success



John Kubilinski, MOPIA's Chairperson

MOPIA's 22<sup>nd</sup> AGM was held March 21 in Winnipeg.

Reports were heard which included initiatives that were carried out, as well as, MOPIA's year-end financial data.

MOPIA remains a strong, financially stable organization with many more goals going forward. Continued stakeholder outreach, regulatory innovation, awareness of global strategies and emerging technologies are priorities.

Download a copy of our 2014-2015 Annual Report at:

<http://mopia.ca/wp-content/media/MOPIA-AR-2014-15-22nd-Annual-Report-2016-f.pdf>

### 2016-17 Certification Renewals

MOPIA will be issuing renewal notices to all certified technicians for the June 1, 2016 – May 31, 2017 period later this month. Watch for your renewal in the mail by early May. Renewal fees remain at \$25 and are due before June 1. Please advise MOPIA if you moved or simply renew and add in your new address on the renewal form on-line at

### Next Certification Training Session

MOPIA's next one-day certification class is Saturday, April 30 in Winnipeg. Register by email ([mopia@mymts.net](mailto:mopia@mymts.net)) or calling MOPIA at 204.338.2222 / toll free 1.888.667.4203.



MOPIA.CA



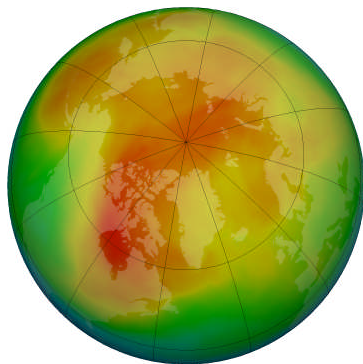
# MANITOBA OZONE PROTECTION INDUSTRY ASSOCIATION

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## Record 2016 Arctic Ozone Hole Predicted



The continued abundance of atmospheric pollutants and a wave of frigid air above the Arctic region has affected the abundance of ozone in the stratosphere this year. An atmosphere chemist from Germany predicts record ozone depletion in the region which has been seen in the 25% range already.

The NASA Aura satellite has instruments monitoring chlorine and is detecting rising amounts of active chlorine associated with destruction of the ozone layer. Continued monitoring is happening. See details at:

<http://ozonewatch.gsfc.nasa.gov/monthly/NH.html>

[www.sciencemag.org/news/2016/02/record-ozone-hole-may-open-over-arctic-spring](http://www.sciencemag.org/news/2016/02/record-ozone-hole-may-open-over-arctic-spring)

## Earth Day 2016

Earth Day is quickly approach, April 22! Check out what the day means and what may be happening around the world.

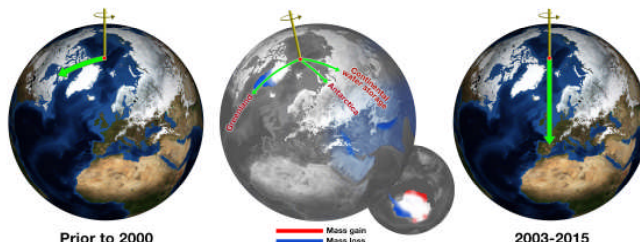
See more information on Earth Day Canada and globally:

<https://earthday.ca/>

[www.earthday.org](http://www.earthday.org)



## Globe's Melting Ice Sheets Shifting Earth's Wobble



NASA recently released a research report that highlights that the rapidly melting ice from Greenland and Antarctica may be influencing the shifting of the earth's rotation.

For more information and the report details see:

[www.nasa.gov/feature/nasa-study-solves-two-mysteries-about-wobbling-earth](http://www.nasa.gov/feature/nasa-study-solves-two-mysteries-about-wobbling-earth)

Photo courtesy of NASA.

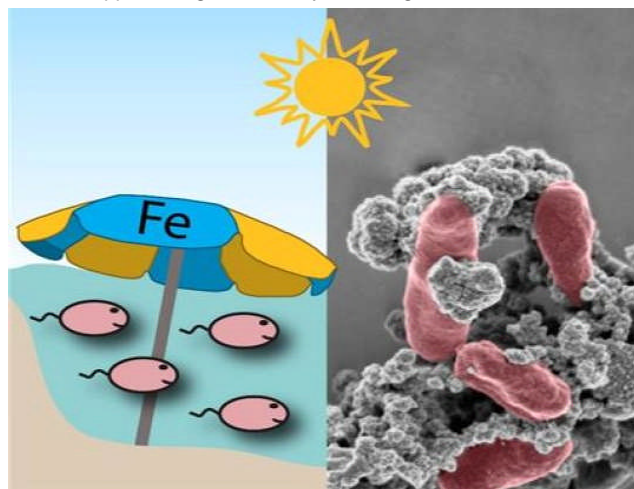
## Earth's First Bacteria Made Their Own Sunscreen

The early earth was uninhabitable due to intense UV radiation, but recent Research by University of Alberta and Tubingen geomicrobiologists suggests that iron-oxidizing bacteria may have been able to use iron as a sunscreen. Today, the atmosphere contains about 20% oxygen which created the earth's protective shield, the ozone layer.

<http://geology.gsapubs.org/content/early/2015/10/23/G37095.1.abstract>

[www.sciencedaily.com/releases/2015/10/151026093045.htm](http://www.sciencedaily.com/releases/2015/10/151026093045.htm)

Credit: Kappler/Gauger/University of Tübingen



Issued by The Manitoba Ozone Protection Industry Association Inc (MOPIA) Winnipeg, Manitoba, Canada on the 14<sup>th</sup> April 2016. MOPIA does not take responsibility for errors or omissions and does not endorse products, systems, companies or agencies, but may highlight any of these at our discretion as sources for information purposes only. Credits: Credit: Kappler/Gauger/University of Tübingen, Earth Day, NASA, IISD, Ozone Secretariat. Editors are Mark Miller, Lauren Brucks and MOPIA's Excom. Please send us comments & article suggestions at [mopia@mymts.net](mailto:mopia@mymts.net). Think Green, Circulate or Recycle when done!