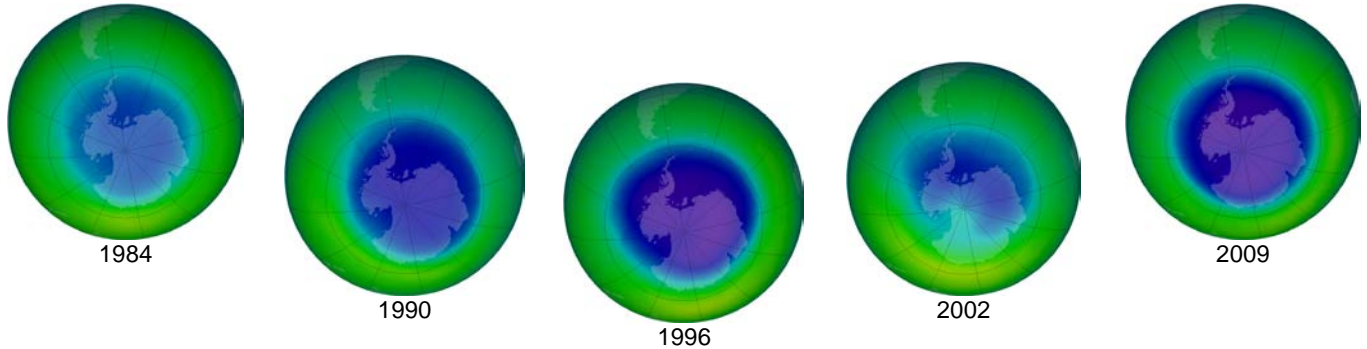




United Nations Environment Programme

برنامج الأمم المتحدة للبيئة • 联合国环境规划署
PROGRAMME DES NATIONS UNIES POUR L'ENVIRONNEMENT • PROGRAMA DE LAS NACIONES UNIDAS PARA EL MEDIO AMBIENTE
ПРОГРАММА ОРГАНИЗАЦИИ ОБЪЕДИНЕННЫХ НАЦИЙ ПО ОКРУЖАЮЩЕЙ СРЕДЕ

The Antarctic Ozone Hole: Then and Now 25 years since the discovery of Antarctic ozone depletion



Antarctic ozone hole in September 1984 to 2009 / ©NASA

A quarter of a century has now passed since ozone depletion in Antarctica was first discovered by scientists from the British Antarctic Survey and reported in the internationally renowned journal *Nature* in May 1985.

On the 7th May 2010 a symposium was held in the Department of Chemistry at the University of Cambridge, UK, to celebrate the publication of this paper. **The United Nations Environment Programme (UNEP) OzonAction Programme was invited to this prestigious event and attended in its Information Clearinghouse role under the Montreal Protocol's Multilateral Fund.**

The speakers at the Symposium included: Joe Farman and Jonathan Shanklin, two of the British Antarctic Survey scientists who were authors of the original paper; Paul Crutzen, winner of the Nobel Prize for Chemistry in 1995 for his work with Mario Molina and Sherwood Rowland on ozone depletion; Susan Solomon, NOAA and the former chair IPCC WG1; David Fahey, NOAA; John Pyle, UNEP/WMO co-chair & University of Cambridge; Michael McIntyre, University of Cambridge, Jean-Pierre Pommereau, CNRS; and Keith Shine, University of Reading.

OzonAction made a contribution to the seminar, at the request of the organisers, disseminating [Climate Benefit from Ozone Layer Protection: "Low Hanging Fruits"](#) a new booklet which will be of interest to anyone involved in cross-cutting issues between the ozone protection and climate protection communities, produced by the Outreach Division of the United Nations Department of Public Information (UN DPI) and the special issue of OzonAction newsletter, [2010 and Then? Building on the Montreal Protocol's Success and Facing the Challenges Ahead.](#)

OzonAction filmed short interviews with several of key scientists participating, which it is now pleased to share with the wider Montreal Protocol community (*see below*).

The following videos can be viewed on the OzonAction channel on YouTube (<http://www.youtube.com/ozonaction>). Click on the pictures/links below:

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Dr. Susan Solomon,
National Oceanic and Atmospheric Administration
and the former chair of Intergovernmental Panel on Climate Change Working
Group I
<http://bit.ly/aC1fMc>



Dr Paul Crutzen,
Nobel Prize Winner of Chemistry in 1995
<http://bit.ly/aC1Oop>



Dr. Jonathan Shanklin,
The British Antarctic Survey
<http://bit.ly/bLNZLE>



Dr. David Fahey,
National Oceanic and Atmospheric Administration
<http://bit.ly/ddllli>

More details of the event can be found here:

http://www.ozone-sec.ch.cam.ac.uk/o3_anniversary/

British Antarctic Survey press release:

http://www.antarctica.ac.uk/press/press_releases/press_release.php?id=1192

Reflections on the ozone hole - Jonathan Shanklin, one of the team who discovered the thinning ozone layer over the Antarctic 25 years ago, reflects on lessons learned from a tale of luck, public perception and fast environmental change. The abstract can be viewed here (payment is required to access full article):

<http://www.nature.com/nature/journal/v465/n7294/full/465034a.html>

Link to the original 1985 *Nature* paper:

<http://www.nature.com/nature/journal/v315/n6016/abs/315207a0.html>

Related articles:

Nature has a collection of related articles that have advanced our understanding of the stratosphere and the ozone layer

<http://www.nature.com/nature/focus/ozonehole/#letters>

Whatever Happened to the Ozone Hole? National Geographic Article:

<http://news.nationalgeographic.com/news/2010/05/100505-science-environment-ozone-hole-25-years/>

The chance discovery that averted ecological disaster. The Independent.

<http://www.independent.co.uk/news/science/the-chance-discovery-that-averted-ecological-disaster-1964500.html>

Deep reflections on the ozone story. Richard Black, environment correspondent for the BBC News website

<http://www.bbc.co.uk/blogs/thereporters/richardblack/2010/05/ozone.html>

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