

**UNITED NATIONS  
ENVIRONMENT PROGRAMME**



**ENVIRONMENTAL EFFECTS OF OZONE  
DEPLETION AND ITS INTERACTIONS WITH  
CLIMATE CHANGE:  
2010 ASSESSMENT**

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Pursuant to Article 6 of the Montreal Protocol on Substances that Deplete the Ozone Layer under the Auspices of the United Nations Environment Programme (UNEP).

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# **Environmental effects of ozone depletion and its interactions with climate change: 2010 assessment**

## **Introduction**

This quadrennial Assessment was prepared by the Environmental Effects Assessment Panel (EEAP) for the Parties to the Montreal Protocol. The Assessment reports on key findings on environment and health since the last full Assessment of 2006, paying attention to the interactions between ozone depletion and climate change. Simultaneous publication of the Assessment in the scientific literature aims to inform the scientific community how their data, modeling and interpretations are playing a role in information dissemination to the Parties to the Montreal Protocol, other policymakers and scientists.

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**Janet F. Bornman**  
**Nigel Paul,**  
**Xiaoyan Tang**

*Co-Chairs of the Environmental Effects Assessment Panel*



United Nations Environment Programme  
PO Box 30552  
Nairobi, Kenya  
<http://www.unep.org/ozone>  
<http://www.unep.ch/ozone>

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## Abbreviations and Glossary

Abbreviation	Complete term
1,25(OH) <sub>2</sub> D	1,25-dihydroxyvitamin D
25(OH)D	25-hydroxyvitamin D
AK	Actinic keratosis
AO	Arctic Oscillation. A large-scale variation in Arctic wind patterns
AOD	Aerosol optical depth
APase	Alkaline phosphatase
APC	Antigen presenting cell
ASL	Above sea level
BCC	Basal cell carcinoma(s)
Br	Bromine (an ozone depleting chemical)
BrO	Bromine monoxide
BSWF	Biological spectral weighting functions
BWF	Biological weighting function
CAS	Chemical Abstracts Service
CAT	Catalase
CC	Cortical cataract(s)
CCM	Chemistry-climate model (used to predict future changes in atmospheric composition)
CDFA	Chlorodifluoroacetic acid
CDM	Climate Data Model

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